

# Link between UNAM and German corporations in Mexico UNAM-VA





# Universidad Nacional Autónoma de México

**Dr. Enrique Graue Wiechers**

Rector

Universidad Nacional Autónoma de México

**Dr. Alberto Ken Oyama Nakagawa**

Secretario de Desarrollo Institucional

Universidad Nacional Autónoma de México

**Dr. Francisco José Trigo Tavera**

Coordinador de Relaciones y Asuntos Internacionales

Universidad Nacional Autónoma de México

**Dr. Domingo Alberto Vital Díaz**

Director

Centro de Enseñanza para Extranjeros

Universidad Nacional Autónoma de México

**Dr. Alejandro Velázquez Montes**

Director

UNAM Alemania

## What is UNAM?

- The National Autonomous University of Mexico (UNAM) was born in 1551 as a Pontifical University, it was founded in 1910 as a National University.
- UNAM is the most important university in Mexico and one of the three most relevant in Latin America.

It is a public, autonomous and secular institution; Its primary purpose is to be at the service of the country and humanity, as well as to train professionals, carry out research projects and extend the benefits of culture as widely as possible.

UNAM is one of the 100 best universities in the world, according to the QS World University Ranking 2021. It is integrated of 29 Schools and 60 Research Entities, it produces six books daily and more than 25 percent of the total articles published in Mexico annually.

Its educational offer is 129 Undergraduate and 92 Postgraduate programs and has more than 360 thousand students.

UNAM graduates have played a significant role in the consolidation of public and private companies in Mexico and Latin America (Grupo CARSO and Grupo ICA)

**UNAM recognizes the Triple Helix Model as the most promising way to give a new direction to the development of spin offs in Mexico.**

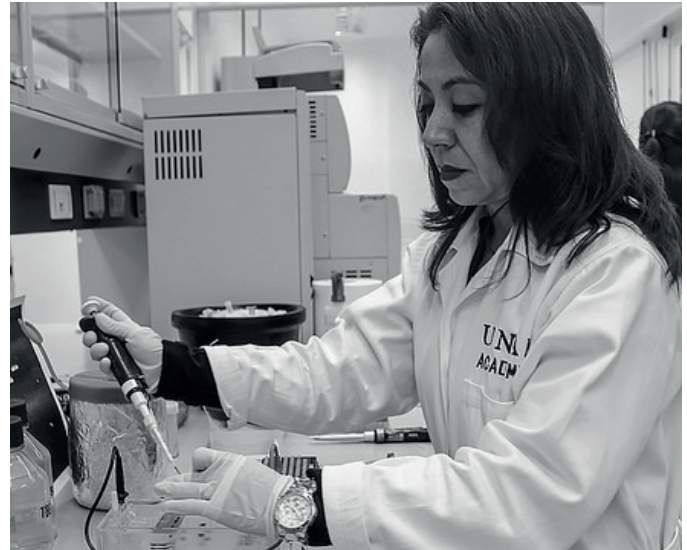
UNAM has institutionalized the transfer of knowledge and technology to the public and private sectors to:

- Facilitate services
- Patent processing
- Business incubation

## Why should the UNAM be considered a business partner?

### The UNAM Contributes to half of Mexico's science and technological innovation.

- It concentrates the most prestigious, diverse and equipped research capital in the country.
- It forms the avant-garde social capital with 33 thousand graduates annually from its undergraduate and postgraduate degrees.
- It allows capitalizing the participation of the entire university community and its infrastructure.



#### Leadership

High potential to consolidate new alliances.



#### Global vision

Ample knowledge in natural, social and economic systems.



#### Strategic alliance

Maintenance and increase of production systems; process maximization; identification of quality inputs; establishment of local, national and regional markets.





## UNAM as an investment partner

UNAM accepts tax-deductible donations and guarantees an administrative transparency process.

This distinction invites international companies and agencies with an entrepreneurial stand to invest.

Business investments with UNAM, are made through Agreements.



## Autonomy

The autonomous nature of the UNAM allows it to act independently.



## Transparency

The UNAM is governed by processes of accountability, budgeting and information transparency, auditable year after year by international companies.

## UNAM-VA liaison with enterprises



Promote liaison with enterprises of services and infrastructure of the UNAM to encourage the training of professionals, foster development and innovation, and help a positive impact through the following objectives:

### Resource training

1. Consolidate the training of human resources both at the UNAM and at the agencies and companies

### Technical services

3. Facilitate access to research and technological services offered by UNAM

### Cultural offer

5. Provide access to the cultural offer of the UNAM

### Transfer

2. Transfer and patent the knowledge and technologies that are developed at the UNAM

### Innovation

4. Innovate through research and Technology

### Doorway with Latin America

6. Develop and strengthen the connection with Latin America

# Resource training

Courses, workshops, diplomas and seminars on specific themes given by UNAM or jointly with German Higher Education Institutions.

## Tailor-made training

Tailor-made courses are designed to take account of particular characteristics or requirements, UNAM also offers short courses for special groups.

## UNAM offers

B) UNAM has a wide range of conferences, courses and diplomas in engineering and metallurgy areas, electronic government, effective communication, business law and paint technology, among others.



## Internships

Internships are considered for the purpose of recruiting graduate students from UNAM (training / strengthening) and qualified job bank with Mexico-Germany cultural training.

## Social service

Students who carry out an activity to consolidate their training. The period is 6 to 24 months.

## Internships

- Students who graduated through a professional immersion and a technical report.
- UNAM provides advice through its academics.
- Students are subject to scholarships from 6 to maximum 12 months.

## Mobility and Stays

To promote students' attendance and participation in training activities related to their study programs in a full-time scheme as part of UNAM's educational offer. The Stays can be 6 months but no longer than 12 months at an Educational Higher Institution, Social or Business Agencies.



## Transfer Services and Innovation

UNAM proactively promotes innovation and entrepreneurship: it is the Mexican university with the highest number of registered patents (177).

1. License and technology transfer: UNAM has guidelines that stimulate and strengthen innovation and links with third parties.

2. Customized research projects in various fields of knowledge: medicine, physics, engineering, biotechnology, agricultural sciences among others.

3. Offer of laboratory services, wide network of National and University Laboratories certified and international accredited (ISO 9001, ISO 17025 and BPL).

4. Support for innovation, entrepreneurship with companies, government and society.

## Cultural offer

Cultural dissemination is one of the three substantive tasks of UNAM: it has the broadest university cultural heritage with the greatest international scope.

a) Spanish and Mexican Culture Courses for Foreigners: the courses can be tailored for companies in Germany or Mexico.

b) International Certification of Spanish as a Foreign Language: through the International Spanish Language Assessment Service (SIELE).

c) Vast cultural offer (two orchestras, the UNAM Philharmonic and the University Youth Orchestras, as well as a wide repertoire of events and activities in cinema, literature, art and dance, among others).

d) Various cultural venues (dance, music, theater and museums).

e) Guided visits to historical and cultural sites in Mexico.

f) UNAM has the vice-rectory for Cultural Diffusion and General Directorates.



# UNAM in the world

## UNAM has a well-established inter-nationalization policy

- 28 offices at national level
- 13 international offices abroad

It has alliances with Higher Education Institutions, agencies and international companies.

UNAM can contribute to innovation and development in emerging issues and of global importance.

## UNAM, gateway to Latin America

The UNAM can contribute to the development of industrial centers in Mexico and in Latin America (Spin-off innovation centers), by adding research skills and trained cadres in partnership with the initiatives of private companies.

### Agreements

a) UNAM has more than 200 Agreements with the most prestigious Higher Education Institutions in Latin America.

Through them, companies can strengthen their ties with other countries in the region.

### Scope

b) UNAM has contributed to the academic training of multiple decision makers who respond to the interests of their countries of origin in Latin America.





#### Créditos:



Mtra. Alejandra Fregoso Domínguez, Coordinación de Vinculación Inter e Intrasectorial  
Mtra. Aurora Vital Juárez, Coordinación de Relaciones y Gestión  
Pas. Lic. Samantha Giovanna García Manzano, Diseño y Comunicación



Mtra. Fabiola Ruiz Bejarano, Coordinación de Planeación y Organización,  
Mtro. Pablo Nagano Vargas, Departamento de Comunicación y Vinculación  
Lic. Rose Mary Espinosa, Apoyo a la Vinculación.