

Japan-Mexico Multidisciplinary Partnerships Based on Academia, Public Sector, Civil Societies and Private Industry



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Topics



Experiences on
collaboration at
UT



Joint Human
Resources
Development
(HRD) with
Examples of Joint
HRDs on
Agriculture, Food
and Biodiversity



Examples of
Multisector and
Multidisciplinary
Partnerships



New challenges
in Career
Development



Experiences on collaboration

- Institutional Partners: COLMEX (1979-present), INIFAP (2012-present), U de Guadalajara (2017-present), COLPOS (2019-Present) & individual research agreements
- Mexican full-time students in UT: Average ten per year
- Exchange students: mutually several per year
- Research areas: history, public policy, economics, agriculture, biodiversity, biotechnology, environmental protection, geology, seismology, art, sport, engineering, etc.....



Joint Human Resources Development (HRD) with Examples on Agriculture, Food and Biodiversity





HRD I: JST/JICA-SATREPS (2012-2018)

- Professional and technical training in Mexico with INIFAP and Universities
- Participations of staff from neighboring countries @ Caribbean and Central America for agro-biodiversity conservation and sustainable utilization
- Visit and technical experience in Japan with Japanese institutions such as at NARO and Seed and Food industries exploiting possibilities of joint industry development with multisector collaboration





HRD II: JICA-TCTP on Agrobiodiversity 2017-2019

- Participations of staff from neighboring countries: Caribbean and Central American institutions : Mexico based knowledge sharing for food security and economy
- With INIFAP, SADER, SRE-AMECID, Mexican Universities civil societies, and local FFP industry







HRD III: Scholarships as Instruments

Full time graduate degree

- JST-SATREPS
- MEXT Special Scholar Program designed by UT (Three programs)
- UT matching scholarships
- CONACYT
- SRE-AMECID



Short term

- Inter-University Exchange Project (Formerly RIJ) => **Local life and industry experiences besides academic study**
- JASSO
- PRIVATE FOUNDATIONS
- MOFA The Jpn-Mex Partnership Programme



Examples of Multisector and Multidisciplinary Partnerships:



Started before SDGs :
but with a lot of components
over conservation,
sustainable uses, local well-
being and stability



Based on historical research
collaboration and student exchange
especially on agriculture,
biodiversity, biotechnology,
environmental protection.....

Examples of Multisector and Multidisciplinary Partnerships:

1. Economy with Cacao criollo at Chiapas:
INIFAP, COLPOS, Local growers, NGOs,
Japanese chocolate industry groups, and
UT as a Knowledge catalyst in amalgamation
with participatory approach
- Increase popularity of cacao criollo varieties
 - Assist production with new fungus resistant variety



CRIOLLO



2. Promotion of Avocado: Celaya, Guanajuato and Uruapan, Michoacán



- INIFAP, SADER, COLPOS, growers, traders, Japanese importers and UT as technical collaborator
- Conservation of local varieties
- Technical validation of pathogen free seedling propagation

3. Nopale and cactus pear : With The Mexican National Flag

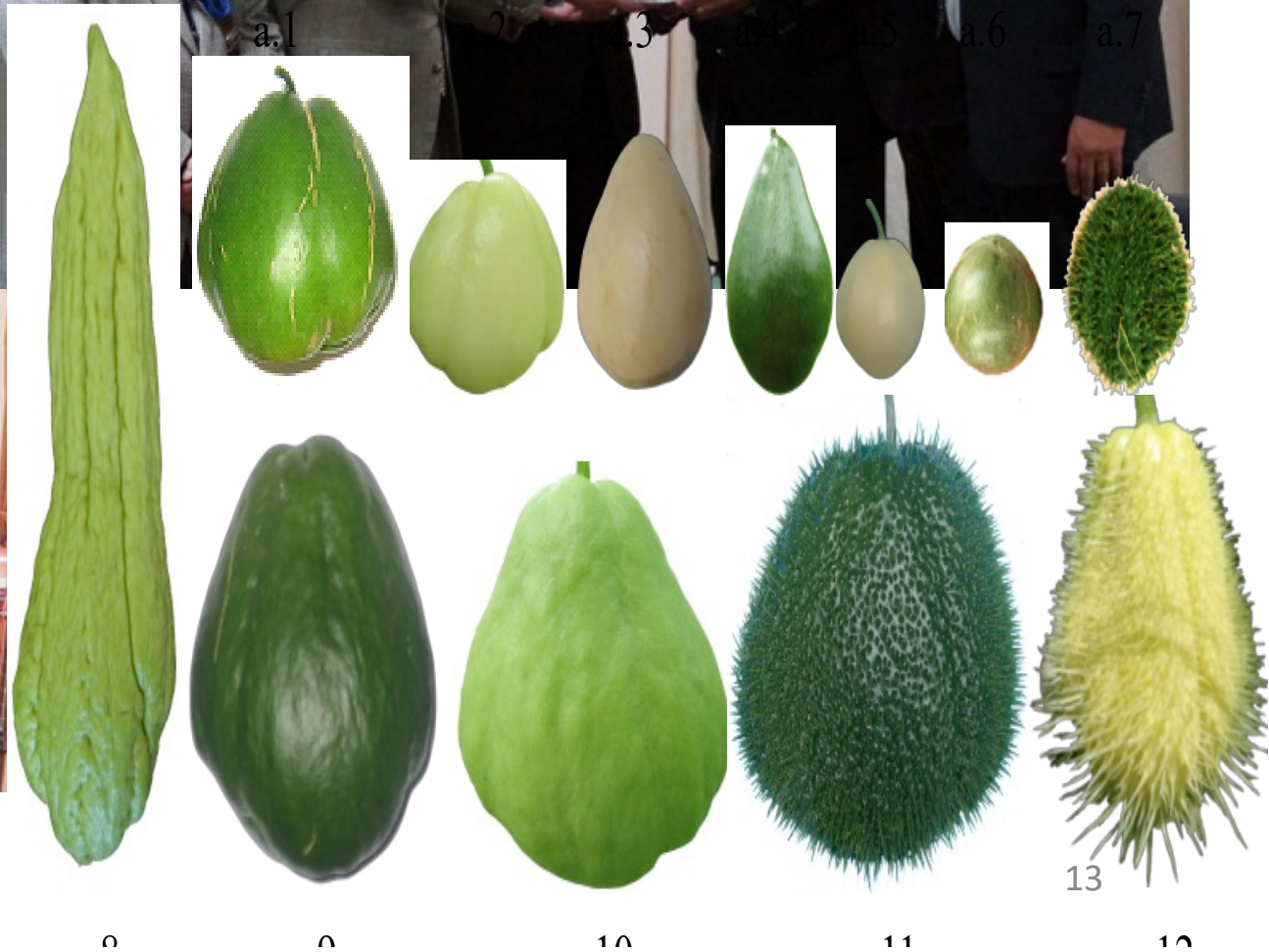
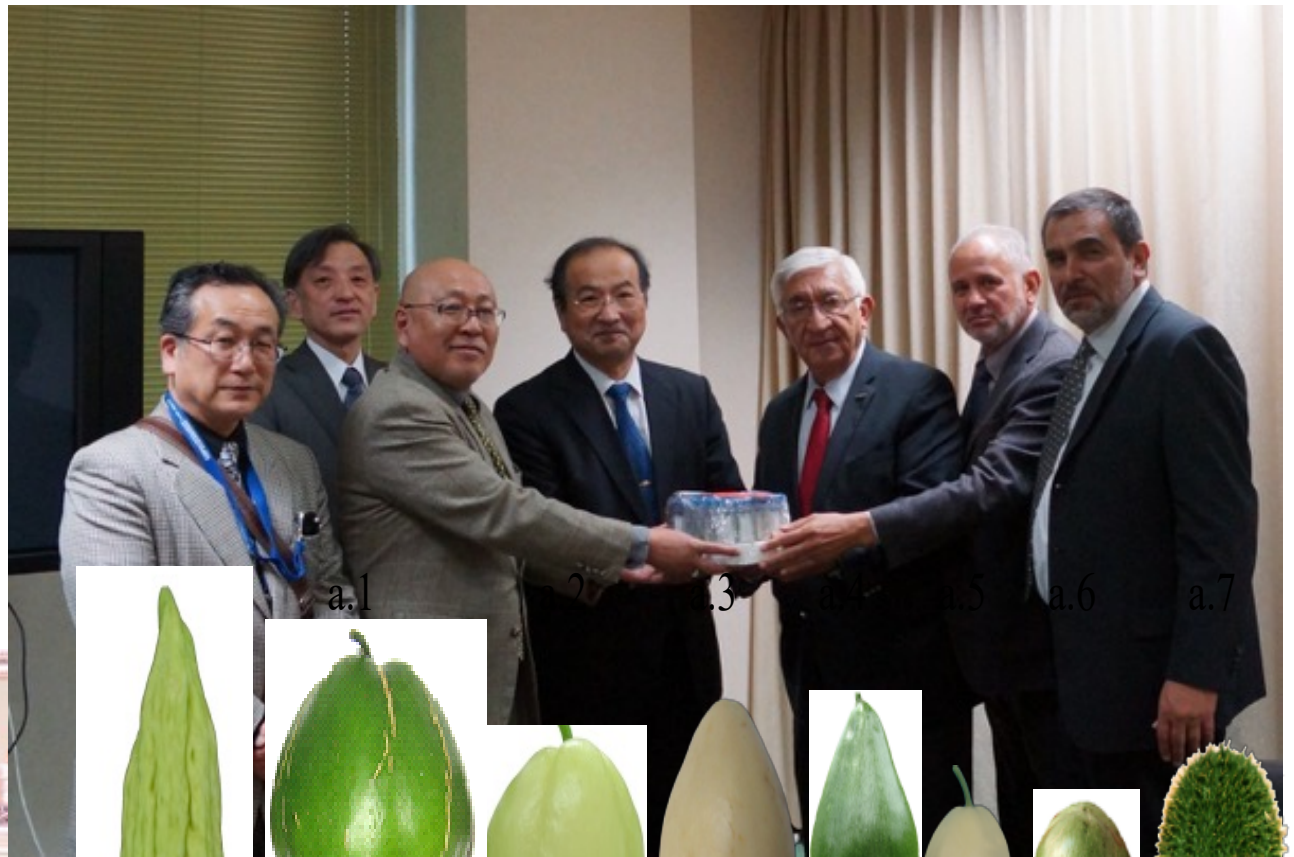
Zacatecas: Conservation and promotion of uses

INIFAP, U Chapingo, COLPOS, growers, traders, and UT as technical collaborator



4. International law compliance :
Mexican chayotes to Japan as
first case under Nagoya Protocol
for the Convention on Biological
Diversity

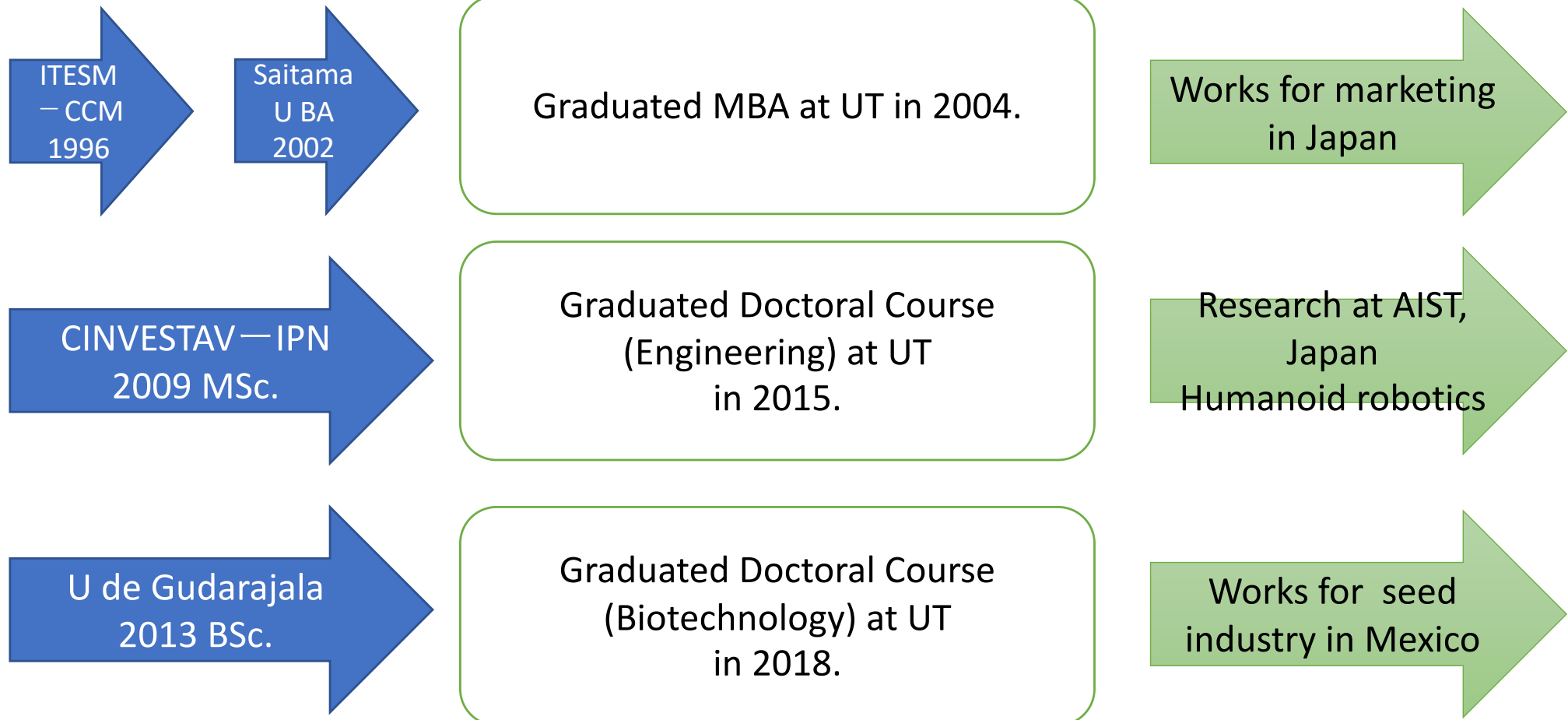
With Mexican NGO (GISEM),
INIFAP, SEMARNAT, Universities
<https://absch.cbd.int/search/nationalRecords?schema=absPermit>





New challenges in Career Development

Mexican student career after UT



New challenges in Career Development

Japanese UT student career with Mexico



- R. Nishimura, Mex U23 Soccer Coach, UT graduated MS (Sport) in 2010

<http://tsukubaway.com/column/sportsperson/3191>



Many individuals are seconded from Japan:

- Manufacturing industry in Mexico, especially on automobile
- Trading companies on FFPs: food, feed and processing
- Japanese – Spanish language teachers



New challenges in Career Development

- Internship : How to match interests with industry both in Mexico and in Japan
- Much harder to provide internship opportunities under COVID-19
- Individual student interest tailor-made matching
- Language and cultural understanding while schooling and degree do not have strict requirements in Spanish or Japanese proficiency and local society understanding
- Future VUCA(Volatility, Uncertainty, Complexity and Ambiguity) in the world to advise careers out of home country.

Gracias por sus participaciones!



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