

**UNIVERSIDAD MAYOR DE SAN SIMÓN (UMSS)
UNIVERSIDAD AUTONOMA TOMAS FRIAS (UATF)
UNIVERSIDAD MAYOR DE SAN ANDRES (UMSA)
ROYAL VETERINARY AND AGRICULTURAL UNIVERSITY (KVL)**

**AGREEMENT OF SCIENTIFIC AND ACADEMIC COOPERATION FOR THE
EXECUTION OF THE PROGRAM "ENRECA-CIGAC"**

1. ABOUT THE PARTIES THAT SUBSCRIBE THE PRESENT AGREEMENT

1.1. Universidad Mayor de San Simón (UMSS)

The Universidad Mayor de San Simón (UMSS) is an autonomous public institution for higher education founded under Law of the Republic at November 5, 1832. Within the frame of academic activities and interaction with the society, it embraces the different environments of the social, human and of health sciences as well as disciplines relating to the generation and application of Science and Technology adapted to the productive reality of the region and the country.

The UMSS is represented by the Rector, Ing. Franz Vargas Loayza and the Vice-rector, Lic. Roberto Iriarte Noya.

1.2 The Universidad Autonoma "Tomás Frías" (UATF)

The university was founded on October 15, 1892. It identifies itself with the interests of the popular sector, and it educates professionals with critical conscience according to the necessity for the development of the country. The mission of the university is education, research and extension of science, technology, arts and language.

The UATF is represented by the Rector, Ing. German Lizaruza Pantoja and the Vice rector, Lic. Juan Francisco Flores Flores.

1.3 The Universidad Mayor de San Andrés (UMSA)

The university is an autonomous public institution for higher academic education. It is dedicated to scientific, technological, cultural and social education of all social classes of the people. Its social and democratic mission is expressed in the right of peasants and workers to be present under teaching with the only requirement that they have learning interest and capability.

The UMSA is represented by the Rector, Lic. Roberto Aguilar Gómez and the Vice rector Dr. Jorge Ocampo Castelú.



1.4. The Royal Veterinary and Agricultural University (Den kongelige Veterinær- og Landbohøjskole - KVL)

The Royal Veterinary and Agricultural University (KVL) was founded in Frederiksberg, Denmark in 1858. The KVL has as one of its areas of priority the collaboration with developing countries. The departments within Veterinary and Animal Sciences have a strong research experience in relation to livestock in developing countries.

The KVL is represented by its Rector, Dr. Per Holten-Andersen

2. BACKGROUND

The Enhancement of Research Capacity (ENRECA) program was formed in 1991 by Danida, the development agency of the Danish Foreign Ministry. The objective of ENRECA is to strengthen research capacity in developing countries. At the moment 40 different projects within a broad range of disciplines are supported by ENRECA. All the projects are elaborated in collaboration between a Danish research institution (the main responsible party) and one or more institutions in developing countries. The collaboration consists mainly in support to research linked with post-graduate degree studies. The contribution of the projects consists on support to participation in courses and seminars, tutorship, equipment, materials, transport and literature.

The present collaboration with Bolivia began with dialogues in 1999, continued by a seminar in the city of Cochabamba in September 2000 where the basis of the support program to the investigation in smallholder livestock production was formed. The participant universities of this program are: UATF, UMSA, UMSS, UNA and KVL. The project was approved in November 2001, the first period began in 2002. If approved by Danida the project can be extended for a second period.

3. FROM THE OBJECTIVES OF THE AGREEMENT

The general objective of this agreement is to establish a frame of operation for the collaboration between KVL and the Bolivian universities under the program Capacitation and Investigation in Smallholder Livestock (CIGAC-ENRECA).

4. FROM THE OBJECTIVES OF THE PROGRAM

The development objective of this project is to identify opportunities for improvement of small-holder livestock production.

The specific objectives are:



- strengthen the education programmes and research capacity related to livestock production and rural development
- formulate research programmes oriented to the identification of problems of small-scale livestock production
- initiate collaboration with the agricultural sector programs with the aim to strengthen the development of appropriate technologies directed to enhance production levels.
- provide data about small-holder systems as a basis for more relevant education at universities and agricultural colleges.
- update information and documentation centres.

5. THE OUTCOME AND GOALS OF THE PROPOSAL

The goal of the present agreement is to establish a research exchange to strengthen mainly the postgraduate activities and to establish relations between the universities and institutions which support activities within smallholder livestock production.

6. ABOUT THE COMMITMENTS OF THE INVOLVED PARTIES

6.1 From the Bolivian Universities the commitments are:

- To designate a coordinator, responsible for coordinating the activities of the program and the formation of a scientific academic committee (presided over by the responsible coordinator) that guarantees the execution of the work plan settled down in the Program.
- To offer the whole necessary logistical support to the program, in such a way it guarantees the responsible coordinator's activities and/or the scientific academic committee.
- To carry out and to ensure implementation of activities described in the Plan of Action considered within the program and for the established purposes.
- To present periodic reports of the activities and results generated in the development of the program as well as periodical financial reports

6.2. The commitments of KVL are:

- To allocate the resources settled down in the budget approved by Danida as financing for the development of the activities outlined within the program.




- To give scientific academic support, with committed professors of the KVL as tutors, for the investigation activities which has to be developed in the frame of the program.
- The KVL and the Bolivian Universities involved in the program will define the investigation topics in coordination with the Agricultural Sector Program (APSA).

7. THE MODALITIES OF OPERATION

The achievement of the outlined objectives and the materialization of the activities settled down in the work plan will be ensured by means of:

7.1 Administrative and Financial activities

- The budget of the project is settled in Danish Kroner, and it is subject to annual approval of the law of finances by the Danish parliament.
- In function to that budget, the Plan of Annual Operation will be elaborated. There will be biannual financial reports.
- Each one of the activities to be implemented in the programme have to follow a control of flow of funds, appropriate accounting and audits that will be settled by the parties.

7.2 Academic and research activities

- To support in the formulation and identification of research works for the pre-degree and graduate degree
- Active participation of staff from KVL and the three Bolivian universities as tutors in the investigation activities identified by the program.
- The Bolivian Universities identifies through their responsible coordinator and scientific committees candidate students for first-degree and post-graduate degree projects within the topics proposed by the program, according to selection mechanisms to be defined.
- Coordination activities will be developed with Facultative units, the Agricultural Sector Program (APSA) of Danida and other national entities that are involved in smallholder livestock production.




- To strengthen the processes of curricular readaptation of the Veterinary and Agronomy degrees
- To negotiate in coordination between the three universities (UATF, UMSS and UMSA) with the Agriculture Livestock and Rural Development Ministry (MAGDER) the necessity to develop a smallholder livestock development strategy.
- To coordinate with regional programs with the aim to develop appropriate technologies to improve levels of productivity and profitability of smallholder livestock production.

8. OPERATION AND RESOLUTION


The present agreement will have validity for three years, starting from the suitable date to the foot of the same one, being able to be renovated compliment once the term.

Any revision to the present document will be carried out of common agreement among the parts, making official the modification by means of the introduction of the revision agreed in this document.

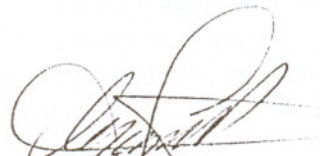
In the event of apparent nonfulfillment by some of the parts of the clauses prescribed in point 6 the particular university can be excluded from the collaboration without any damage to the other parties. Any university can withdraw unilaterally from the collaboration.

The signatories stated below declare our conformity with all the established terms in the current cooperation agreement.

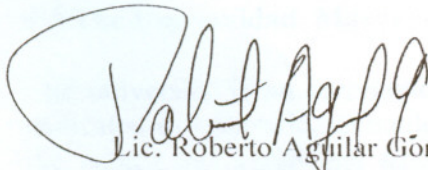
Denmark, April 22, 2004



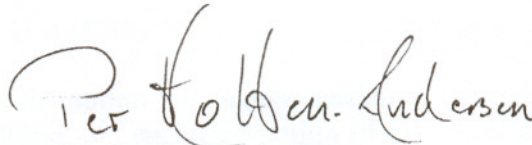
Ing. Franz Vargas Loayza
RECTOR OF THE UMSS



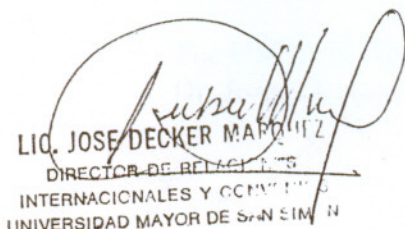
Ing. Msc. German Lizarazu Pantoja
RECTOR OF THE UATF



Lic. Roberto Aguilar Gómez
RECTOR OF THE UMSA



Dr. Per Holten-Andersen
RECTOR OF THE KVL



LIC. JOSE DECKER MARQUITZ
DIRECTOR DE RELACIONES
INTERNACIONALES Y COMERCIALES
UNIVERSIDAD MAYOR DE SAN SIMÓN