BACKGROUND
The University strengthening program in UNAN-León has supported the development of three scientific programs. This poster presents the scientific results achieved by the Infectious Disease program.

Structure of research
4 main areas:
- Infantile diarrhea
- Bacteria
- Virus
- Parasitic infections
- Antimicrobial resistance
- Molecular biology

Licentiates
Master's

Coralve Edelma, 1991
Comparison of the performance of Leishmania major Like and Leishmania braziliensis As antigen for new world Leishmania IgG Immunofluorescence test.

Ríos Teresa, 1995
Seropositive epidemiological and clinical study of Chagas' disease in Nicaragua.

Mayorga-Orlando, 1996
Prevalence of antibodies to Hepatitis A, B, C and E viruses in a healthy population in Leon, Nicaragua.

Paniagua Margarita, 1997
Analysis of incidence of infection with Enteroaggregative Escherichia coli in a prospective cohort study of infant diarrhoea in Nicaragua.

Scientific publications in reviewed journals

PhD dissertations at Karolinska Institutet

Cáceres, Mercedes, 1999
Ecological aspects of antimicrobial susceptibility of anaerobic bacteria in Nicaragua.

Espinosa, Felix, 2004
Rotavirus in pediatric gastroenteritis in Nicaraguan children.

Tejé Sierra, Aleyda, 2006
Glandiavsis in Leon, Nicaragua - Prevalence and protection.

Bacardí-Rivera, Fidelino, 2008
Pediatric rotavirus and norovirus diarrhoea in Nicaragua.

Leiva, Byron, 2009
Amoebiasis: Diagnosis and prevalence in Leon Nicaragua.

Vilchez Bogado, Bayardo Samuel, 2009
Molecular and phenotypic characterization of diarrheagenic Escherichia coli from Nicaraguan children.

Amaya-Mayorga, Erick, 2010-03
Antibiotic resistance in gram-negative bacteria affecting children from Leon, Nicaragua.

Rayes-Nava, Daniel, 2010-05-10
Escherichia coli flora and diarrhea in Nicaraguan infants.

Salaar-Anton, Fernando, 2011-06-17
Immunological and molecular characterization of onchocerca antigens of Taenia solium in Nicaragua.

SUMMARY

During the years of university strengthening the program has involved at least 100 Nicaraguan and Swedish scientists and resulted in:
- 8 master dissertations
- 9 PhD dissertations
- 63 scientific international publications
The master program in Microbiology has now started in Leon.