



Name: José A Betancourt Betancourt

Chief of project strategies of the Center of Medicine and Complexity.

Center of Medicine and Complexity. University of Medical Sciences. PO Box 370, Camagüey, Cuba.

Telephone office: +53-32-288668 home: +53-32-201309 email: josebetancourt@infomed.sld.cu

Home address: Principal Street No 151, Agramonte, Camagüey, Cuba

Date & place of birth: Camagüey, Cuba, June the 16, 1954.

Nationality: Cuban

Languages Spanish (first language); English and French.

Education and degrees

- Havana University (Cuba) Dr. MV 1978
- Camagüey University (Cuba) MSc. 2004
- Graduate in Epidemiology , Medical University 2006

Work history

- Epidemiology and Theriogenology in large animals.
- Professor of Theriogenology, Camagüey University
2005-present
- Professor of Health Management. University of Medical Sciences, Camagüey, Cuba.

Associations membership in learned societies

- 2005- present: Member of the Association of Cuban Epidemiologist.

Research Interests

- Thinking and tools related to complex system, health care services and Epidemiology.
- Program R. Epidemics model (SIR, SEIR, and Network etc). Prediction and Simulation.

Publications

- Betancourt B “Characterization and analysis of an acute respiratory time series diseases in the county of Camagüey in Revista Archivos Médicos de Camagüey AMC. 2009; 13(1).

- Betancourt B “Simulation of an outbreak of an acute respiratory diseases in the county of Camagüey” in Revista Archivos Médicos de Camagüey 2009.,13 (3)
- Betancourt B J.A, Hernández Ortiz E; ** Lic. Ania González Mora. A, Brito Santana Humberto. Focus of the Complex Systems in the Epidemiology. Archivos Médicos Camagüey 2009; 13 (4)
- Betancourt J.A, Brito H, Ortiz E, González A y Valera Y. Interdisciplinary strategy against environmental affectations from communities. Geophysical Research Abstracts, Vol. 10, EGU2008-A-00208, 2008 EGU General Assembly 2008

Conference presentations

- International Congress 70 Anniversary of the IPK June 2009, with the report “The complex systems in the Epidemiology”.
- III International Biennial Transdisciplinary Seminar on the Focus of the Complexity–Camagüey February 2009 (three reports)
- International Congress of Geosciences. Vienna 2008. Geophysical Research Abstracts, Vol. 10, EGU2008-A-00208, 2008 EGU General Assembly 2008
- 4th. International Biennial seminar about the Theory of the Complexity. Center of Conventions of the Capitol. January 2008. Reports “From Finlay toward Complex Systems” and “Transdisciplinary Focuses of the complexity in the administration of projects” as well as the poster “Proposal of interpretation of the therapeutic hologram as complex system.”
- International congress of Hygiene and Epidemiology 2007. The complex systems in the Epidemiology” Conventions Palace Havana, November 2007..
- III International Congress of Traditional Natural and Medicine.. 26 May 2007. Presenter “Integration of alternative medicine with the focus of the complexity in the primary health care.”
- X Provincial Event Hygiene, Epidemiology and Microbiology. 9 June 2007 Presenter “Epidemiology and focus of the complex systems

Principal ongoing research projects or research in progress

- Implementation of nonlinear Epidemiology.
- Determination of contacts patterns in airborne diseases.

External funding

- “Popularization and training actions for the improvement of the quality of life in communities of Camagüey, Cuba “Canada's Embassy (2007-09: 1year total = \$11,000USD).

Internal grants

- Implementation of nonlinear in Epidemiology. (2007-10: 1year total = \$20,000MN).
- Determination of contacts patterns in airborne diseases. (2007-10: 1year total = \$20,000MN).

Continuing education

- 2009 Multivariate Analysis in Health Services. Course taught by Dr.Sc Roberto Vazquez University of Camagüey.
- 2008 Statistical training. Course taught by Dr.Sc Roberto Vazquez University of Camagüey.
- 2007 Training in multimedia software for teaching.
- 2006 Graduate in National course of Epidemiology.

Graduate courses taught

- 2009 Trends in modern Epidemiology. Camagüey Medical School
- 2008 Project design, Camagüey Medical School