

ERACOL| research lines Universidad del Cauca

2010-03-23

General information

Institution:	Universidad del Cauca
City:	Popayan
Country:	Colombia

CONTENT

Environmental and genetic susceptibility factors and the etiology of chronic diseases 2
Advanced technologies for assessment in public health 3
Medical Informatics 4

1. research line 1:
Environmental and genetic susceptibility factors and the etiology of chronic diseases
2. general description of the research line:
Investigate the role and contribution of both environmental and genetic factors for the development of chronic diseases, using molecular biology tools and epidemiology research designs
3. specific subtopics within the research line:
<ul style="list-style-type: none"> - Cervical cancer - Gastric cancer - Cardiovascular disease - Environmental Health
4. contact person for interested students/teaching staff:
Dr. Hernán Sierra (hsierra@unicauca.edu.co – hsierraphd@hotmail.com)
5. Field of research (for example: epidemiology, public health, statistics, medicine):
Molecular Epidemiology and Genetic Susceptibility
6. for which levels the research line is applicable (undergraduate, master, doctorate, post-doctorate/teaching staff)
Master, doctorate, post-doctorate/teaching staff

1. research line 2:
Advanced technologies for assessment in public health
2. general description of the research line:
Develop platforms based on geographic information systems (GIS) as tools for surveillance in public health
3. specific subtopics within the research line:
<ul style="list-style-type: none"> - Infectious diseases - Chronic diseases - Environmental Monitoring
4. contact person for interested students/teaching staff:
Dr. Apolinar Figueroa (apolinar@unicauca.edu.co - apolinarfigueroa@gmail.com)
5. Field of research (for example: epidemiology, public health, statistics, medicine):
Epidemiology, Public Health, GIS
6. for which levels the research line is applicable (undergraduate, master, doctorate, post-doctorate/teaching staff)
Master, doctorate, post-doctorate/teaching staff

1. research line 3:
Medical Informatics
2. general description of the research line:
Develop systems using health informatics tools that include not only computers but also clinical guidelines, formal medical terminologies, and information and communication systems to deal with health care
3. specific subtopics within the research line:
<ul style="list-style-type: none"> - Telemedicine - Clinical informatics
4. contact person for interested students/teaching staff:
Dr. Diego M. Lopez (dmlopez@unicauca.edu.co - dmlopezdmlopez@gmail.com)
5. Field of research (for example: epidemiology, public health, statistics, medicine):
Public Health, Telemedicine, Medical Informatics
6. for which levels the research line is applicable (undergraduate, master, doctorate, post-doctorate/teaching staff)
Master, doctorate, post-doctorate/teaching staff