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Undergraduate Research Program

Project Name	Design for Community Wellness: health-related quality of life in Tarahumara communities
Campus & Location in Mexico	Chihuahua
Faculty	Architecture, Art, and Design
Research Area	Social Architecture
Research Responsible	Dr. Emanuele Giorgi
Description of the Project	<p>The project studies the environmental correlates of health-related quality of life in the urban informal settlements (slums) of Tarahumara communities, who move to cities from the natural environment of Sierra Tarahumara.</p> <p>The performed activities will be focused on Conversational Interviewing and Analysis of Communitarian settlements (urban and architectural elements): analyzing the communities and literature review, structuring the surveys, conducting the interviews, analyze the results and preparing the research report.</p> <p>The goals are: (1) reducing the scarcity of research focused on health and well-being of Tarahumara urban communities; (2) correlating the health-related quality of life to environmental conditions; (3) comparing the environmental correlates of health-related quality of life between the urban and the rural contexts.</p> <p>The final goal is to define design solutions to enhance the social environment in these vulnerable communities. A tool-kit for governments, designers, citizens and other urban actors is the expected outcome.</p> <p>The project is offered during a semester, but can be arranged for summer or winter intensive activity.</p>
Training Provided	<p>Subject matter: health-related quality of life; urban informal settlements; vulnerable communities.</p> <p>Methodological skills: Literature review analysis; Field survey; Conversational Interviewing.</p> <p>Communication skills: survey interviews; oral and graphical presentations of the research progress (Research Seminars and Exhibition).</p> <p>Paper writing: writing an article for an indexed journal (Q2 as minimum)</p>

Offered during:

SUMMER

WINTER

SEMESTER

Student

Tasks/Responsibilities	<p>Subject matter: health-related quality of life; urban informal settlements; vulnerable communities.</p> <p>Methodological skills: Literature review analysis; Field survey; Conversational Interviewing.</p> <p>Communication skills: survey interviews; oral and graphical presentations of the research progress (Research Seminars and Exhibition).</p> <p>Paper writing: writing an article for an indexed journal (Q2 as minimum)</p>
Required Language Proficiency	<p>he student must demonstrate proficiency in the English or Spanish language.</p> <p>NOTE: Knowledge of Spanish can facilitate during interviews but itâ€™s not mandatory, since the research team will be supported by interpreters.</p>
Required Skills and Abilities	<p>For this specific Project, these skills are required:</p> <p>Communication Attention to detail Critical thinking Interviewing Data collection</p>
Other Documents	<ol style="list-style-type: none"> 1) Being at least in your 2nd year of bachelor 2) Accumulative grade point average (GPA) 2.5 3) Official Transcript 4) 2 letters of recommendation of faculty members 5) Resume 6) Letter of intention explaining the reason why you would like to participate in the research program