



Pontificia Universidad
JAVERIANA
Bogotá

"I would like all of us to assume the grave commitment to respect and safeguard creation, to be attentive to each person, to counteract the culture of waste and waste, to promote a culture of solidarity and encounter."

Franciscus

On the Encyclical "Laudato Si"



Our sustainability story

2015

The Pontifical Javeriana University adopts an **Ecological and Environmental Policy based on Pope Francis' Encyclical Laudato Si**, in order to promote a culture of care for the environment and fulfill its ecological responsibilities.

2019

The School of Dentistry started working to reduce the resource consumption and minimize environmental pollution. It seeks to reduce the use of energy, water, paper and other polluting materials, as well as emissions and water pollution in its operations.

2023

The School of Dentistry continues to promote sustainability in the industry, encouraging the development of more environmentally friendly materials and technologies. Promoting the manufacture of common products in biodegradable and recyclable materials.

Awards



The University has won national and international awards for being a sustainable campus, which leads us to believe that the project has been a success.



I-REC international certification of 100% renewable energy for the Campus.



Award for Excellence in Sustainable Architecture – Winner in the Institutional category.



Award for Excellence in Sustainable Architecture – national award winner.



"Fernando Martínez Sanabria" Award in the Architectural Project category.

Environmentally Sustainable Dentistry

The objective of Environmentally Sustainable Dentistry is to develop ecological competencies in faculty members, through a structuring based on 7 pillars:



01

ECO-LOGICAL TEACHING



We carried out a curricular reflection to include environmental sustainability subjects in the training curriculum of the javerian dentist. We change the students' graduation profile, so that they become dentists who are committed to sustainability.

02

ECO-LOGICAL RESEARCH



One of the researches that we are advancing consists in the use of economic, biodegradable and easy to obtain membranes made of coffee grounds, which is a residue generated in the production of soluble coffee and corresponds to the insoluble fraction of the roasted grain. In order to filter the contaminating products and deliver clean water to the water affluents, which would generate an environmental biorenewable resource.

03

ECO-LOGICAL INNOVATION



With interdisciplinary subjects we work with industrial design students to create more sustainable alternatives in the dental practice in order to reduce and optimize the use of materials to avoid contamination and protect the environment.

04

HABITS, BEHAVIOR AND SOCIAL CHANGE



We conducted a survey to investigate the knowledge, habits and environmental behaviors of the student, faculty and administrative population of the School of Dentistry, in order to have a baseline.

05

WASTE MANAGEMENT



We take measures for appropriate use and optimization of the resources used in academic and administrative activities, as well as the rationalization of the consumption of dental materials.

06

LEGAL COMPLIANCE AND OTHER REQUIREMENTS



We ensure compliance with environmental and sanitary, biosafety and patient safety protocols at all times.

07

QUALITY OF LIFE AND WELL-BEING OF THE PATIENT



We integrate wellness and quality life of both the patient and the of the dental professional.

We implement a completely digital medical history, as well as all digital oral and maxillofacial diagnostic imaging to eliminate contaminating liquids in the development process.

We are encouraging research as a very important pillar in the advancement of this initiative, **the entire educational community should think about how to improve and monitor the environmental impact of the actions they do daily.**

