

DANIELA GUTERRES

healthcare architect & graphic designer

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Hello, I'm Daniela!



Nice to meet you! I'm 29 years old and a Brazilian architect with an interesting background and lots of aspirations. I came from a family of lawyers and doctors, therefore it's safe to say that I've got all the **creativity** for myself! Having been born and raised in Brasília, an architectural and urbanistic center in Brazil, was probably the trigger that got me into Architecture and Urbanism School.

Not only did I want to design buildings, but I also craved to improve people's lives. For that reason, after graduating, I decided to study **healthcare architecture**. After completing a post-graduation course in Brasília, I realized that I wanted to gain more knowledge in the area. The desire to learn how to design structures in a different country, with a distinct climate, culture, and healthcare system, led me to Spain to acquire another specialization degree.

After the news on the war in Syria, I was concerned with people that lacked shelter and healthcare. Thus, the idea regarding **transportable healthcare** came to mind. As I began researching the subject in order to write an article, I fell in love with it and I am currently studying **new technologies in healthcare architecture**.

GET IN TOUCH

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WORK

may 2016
september 2018
Brasília, Brazil

A+55

Managing Partner

Director and project manager - management of all phases of a project from design to construction, including programming and planning. Development of solutions for complex design problems, including code compliance and agency interface. Typologies such as comercial, residential, industrial, healthcare among others.

february 2015
may 2016
Brasília, Brazil

LANA DUMONT

Architect

Primarily projects development and code compliance. Providing technical oversight and coordination of project activities with clients, consultants, contractors and staff.

february 2015
december 2015
Brasília, Brazil

UNIVERSIDADE PAULISTA (UNIP)

Professor

Teaching classes of Architecture and Urbanism to senior students of Civil Engineering course.

EDUCATION

september 2016
december 2016
Barcelona - Spain

LA(H)B - CERTIFIED BY UNIVERSITAT POLITÈCNICA DE CATALUNYA (UPC) AND ESCUELA SERT DEL COL·LEGI D'ARQUITECTES DE CATALUNYA (COAC)

Postgraduation *lato sensu* - Specialist degree

Course "La arquitectura del hospital del Siglo XXI" - Healthcare architecture from century XXI

Final project - Urban Hospital - see page 10

august 2013
october 2014
Brasília - Brazil

UNIVERSIDADE CATÓLICA DE BRASÍLIA (UCB)

Postgraduation *lato sensu* - Specialist degree

Course Arquitetura de Sistemas de Saúde - Architecture of healthcare system

Final project - Transplant hospital - see page 8

july 2007
december 2012
Brasília - Brazil

CENTRO UNIVERSITÁRIO DE BRASÍLIA (CEUB)

Graduation - BArch degree

Bachelor in Architecture and Urbanism

Final project - Saunders Institute - see page 6

CONTRIBUTION

november 2017
current
Brasília - Brazil

VOLUNTEER WORK

Renovation projects within healthcare regulations for public healthcare facilities in Distrito Federal. Brasília's Mother and Child Hospital and São Sebastião Regional Hospital. Labor and delivery center, obstetrics center, human milk bank, teaching and research area.

september 2014
october 2016
Brasília - Brazil

ABDEH - ASSOCIAÇÃO BRASILEIRA DE DESENVOLVIMENTO AO EDIFÍCIO HOSPITALAR

Brazilian association of healthcare building development

As a regional staff member - Technical and Scientific Development Coordinator

november 2013
Brasília - Brazil

ABDEH - ASSOCIAÇÃO BRASILEIRA DE DESENVOLVIMENTO AO EDIFÍCIO HOSPITALAR

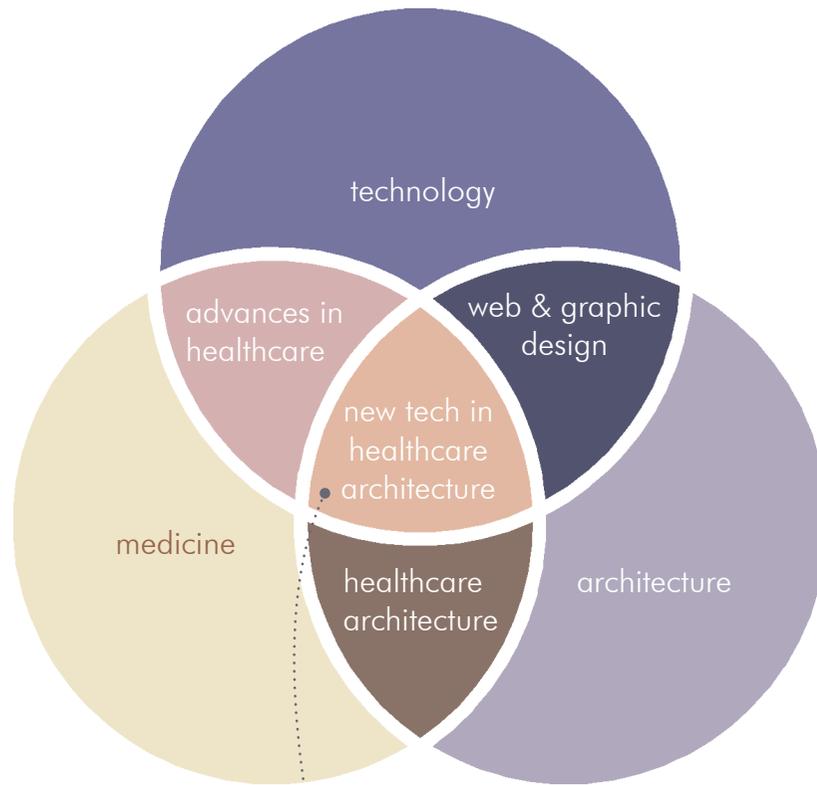
Brazilian association of healthcare building development

As speaker - "Evidence based projects: Saunders Institute Hospice - Center of paliative care."

INTERESTS

Things I like the most and their intersections present in my life.

- cooking
- lists
- sunglasses
- diagrams
- coding
- rowing



Future doctorate's thesis, more precisely on transportable healthcare for hazardous areas

LANGUAGES

- PORTUGUESE
- ENGLISH
- SPANISH
- CATALAN

Don't speak yet, but I read everything! The same with italian and french.

SKILLS

- JAVA SCRIPT
- CSS
- HTML
- OS MAC
- OS WINDOWS
- INDESIGN
- PHOTOSHOP
- ILLUSTRATOR
- AUTOCAD
- LUMION
- SKETCHUP
- VRAY
- ADA GUIDELINES (EUA)
- SUA (ESPAÑA)
- 9050 (BRASIL)

references

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SAUNDERS INSTITUTE

Last private space that feels like home

type: healthcare
location: Brasília - Brazil
area: 11.000m²
n° beds: 48 rooms up to 96 beds
year: 2012

The building consists in a center for palliative care for terminally ill patients. Located in Lago Oeste, surrounding the city of Brasília, on top of Chapada da Contagem (environmental protection area). The visual axis is of utmost importance to the project. The hospice is more than a place, it is a philosophy and all facilities were designed to provide comfort for patients, family and staff. This space offers single and double rooms, physiotherapy area, occupational therapy, family room, spa and service areas such as industrial kitchen and laundry facilities, and the administrative area. The volumetry adopted was shaped by the concept that there is no visual hierarchy in between the rooms. The purpose of this form is symbolic and functional. The main point to be explored is the visual of the plateau, where skyline can be seen, in rainy season the horizon line is above the clouds, creating a feeling of being on a higher plane. The circular shape generates an internal focal point and provides the best use of the facade to the rooms, while administrative and service areas are located in the posterior portion of the building without direct relation to the rooms.

Full article in portuguese at:
www.dguterres.com/articles/saundersinstitute



Aerial view



Parking facade - main entrance



0 2m
Floor plan - unit 0 - 62m².



0 2m
Floor plan - unit 1.5 - 73m².



0 2m
Floor plan - unit 3 - 85m².

The facade's composition is an analysis of solids and voids, seeking improvement in contemplation of the landscape from the rooms and framing the visual. The enrichment proposed in contemplation are given in function of backs and forwards the façade, enabling shading in the recessed areas. Facade's design - a formal study of withdrawal of volumes being worked with setbacks of 0, 1.5 and 3 meters.



Facade - rooms direction

TRANSPLANT HOSPITAL

FOCUS ON PEDRIATIC WARD

Color as therapeutic instrument

type: healthcare
location: Fortaleza - Brazil
area: 10.000m²
n° beds: 92 standard and 8 in isolation
year: 2014

The transplant hospital of Fortaleza was created based on the need of a physical space for patient management through all phases. It was also designed to meet the demands of all metropolitan area of Fortaleza, in Brazil. The healthcare facility's grid was created in 1,2m x1,2m modules and 80x40cm pilars every 7,2m in order to achieve better internal distribution as well as facilitate any future modifications. The main design challenge was to make it functional and to respect the differences in circulation paths. The units are divided in blocks to improve accesses of staff, patients and family. The furthest buildings are conected through a catwalk crossing the internal patio that provides natural lighting and ventilation to every building. Each inpatient floor has 18 standard rooms and 2 isolation rooms (for quarentine after organ transplant). There are two nurses stations easily identified by children because of its colors and design. The corridors have drawings on the floor to keep the children more focused on the "ride" than on the process its self. Along with the bright colored orange handrails with led lights behind it, illuminating the wall paper appllied on the lower part of the walls to maintain patients eyes busy while being transfered through the ward.



View from nurses station to the corridor



Standard single room - 25m²



Paediatric ward plan

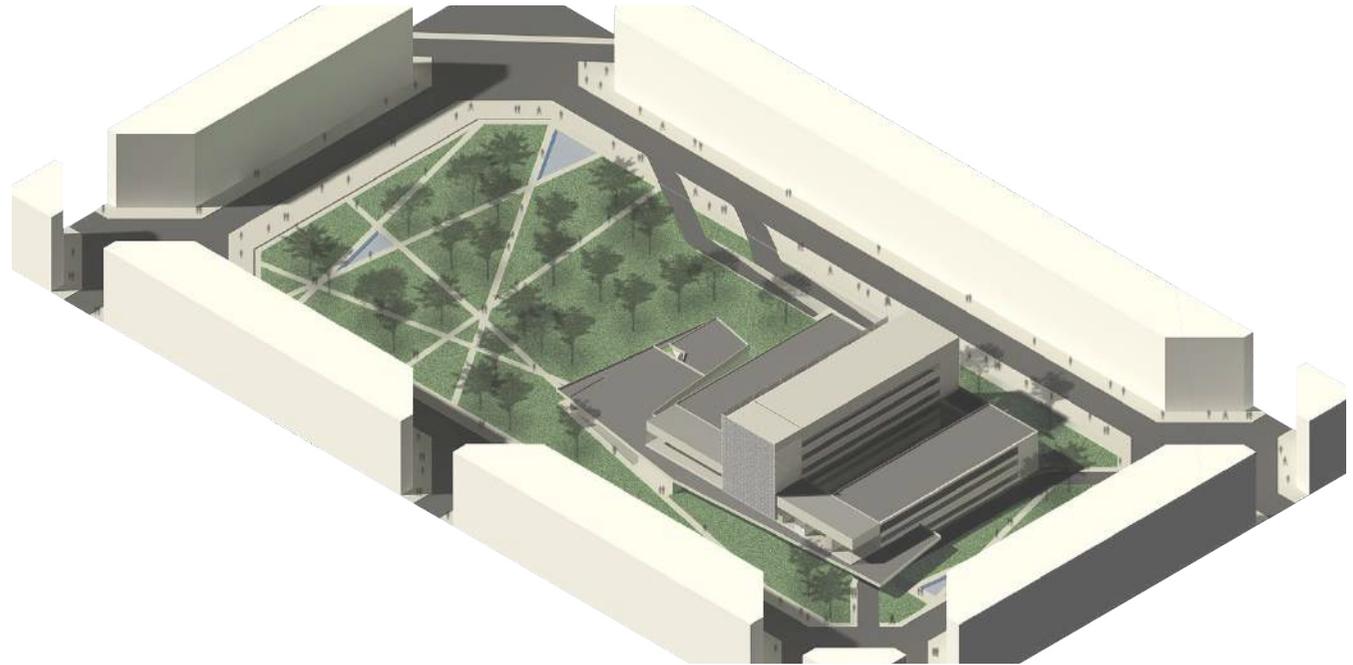


Facade - main entrance

URBAN HOSPITAL

Integration in Barcelona's grid

type: healthcare
location: Barcelona - Spain
area: 9.000m²
n° rooms: 66 rooms
year: 2016



Aerial view

The project of this hospital is based under three concepts: integration with the city, humanization and innovation. It is located in the center of Barcelona, therefore the height of surrounding buildings has been respected and the pedestrian circulation improved, reducing the impact of car traffic. To enhance the experience inside the building for both users and neighbors on the west side of the site is located a public park and the building has interior patios to ensure natural lighting, ventilation and privileged views of the surroundings on all floors. The innovation is guaranteed by the modular structure with slender steel pillars positioned on every 10 or 15 meters, which allows flexibility to reorganize the facilities and large enough to be the entrance of the medical equipment with the introduction of new technologies.



Article in spanish at:
<http://lahbcn.com/taller-2016/daniela-guterres>

Intercion in Barcelona's grid



Section East-West

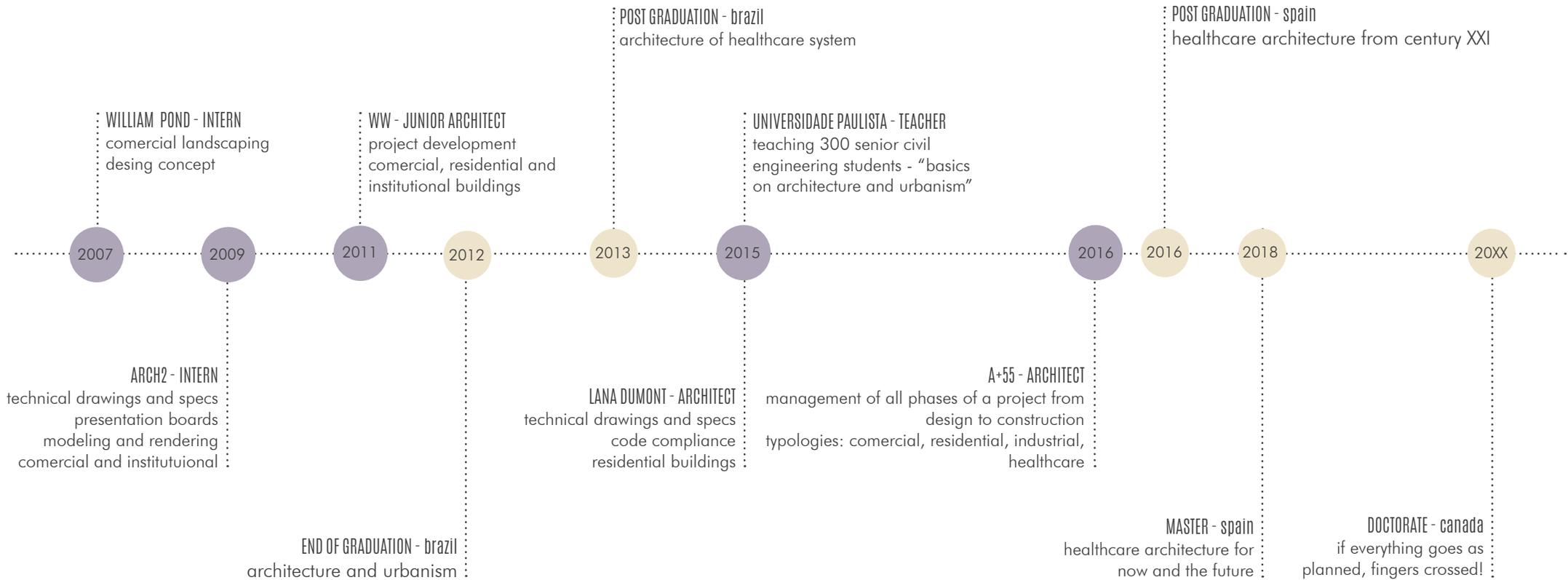


North façade



Urgency entrance

PROFESSIONAL



I started my professional life as an intern while still in college, hence, I had the pleasure to work within different architecture firms and learnt the concept and development of various typologies. Well, why don't you see for yourself on my website? You can either scan this QR code with your phone or access this link directly: www.dguterres.com

Thank you for your attention, I hope you had fun as much as I did. Fancy to hear from you soon.

Respectfully,
Daniela.

