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Education

Master's Degree Student in Translational Surgery - Federal University of São Paulo - UNIFESP, SP, São Paulo	2022-ongoing
Degree in Medicine, Ninth of July University, São Paulo – SP	2017 – July, 2023
Degree in Veterinary Medicine, Octavio Bastos University – SP	2011- 2015

Positions and Employment

Founder Hippocampus Academic São Paulo, SP – Brazil	2020 – ongoing
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Hippocampus academic™ is a mobile app that systemically organizes the studies and enhances the acquisition of knowledge improving the student performance and results.

Hippocampus Institutional Video presentation in English version:

<https://drive.google.com/file/d/1Q3X1id9S4NoxmD36S8yNYJ4QrwiwIE3Q/view?usp=sharing>

Website: <https://hippocampusacademic.com/>

Founder MedSupport & MedEduSupport	2023 - ongoing
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MedSupport & MedEduSupport is an initiative that provides telemedicine healthcare services for medical students, with a focus on depression, anxiety, and ADHD. Additionally, on this platform, I offer career mentoring for medical students from all over Brazil. My mentees amount to over 25 medical students from all regions of Brazil.

Research, scientific and technological innovation experience

Master's Degree Student Postgraduate Program in Translational Surgery of Federal University of São Paulo Theme: Regenerative Medicine - Stem cells and stromal vascular fraction Ongoing projects: i) Experimental study involving mice; ii) Development of a device for stem cells manipulation Supervisor: Prof. Lydia Masako Ferreira – Professor Sênior Supervisor CV (English and Portuguese version): http://lattes.cnpq.br/1619822351741819 Federal University of São Paulo – UNIFESP – Paulita School of Medicine	2022 - ongoing
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Research Trainee Theme: Tissue Bioengineering and Stem Cell Supervisor: Prof. Lydia Masako Ferreira Federal University of São Paulo – UNIFESP – Paulita School of Medicine	2020 - ongoing
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Research Trainee Mentor Theme: Regenerative Medicine - Stem cells and stromal vascular fraction Participating: 3 graduating Medical Students Postgraduate Program in Translational Surgery of Federal University of São Paulo	2022-ongoing
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Research Trainee Theme: Development of theoretical and practical tools for the development of scientific research in Brazil Supervisor: Prof. Lydia Masako Ferreira Federal University of São Paulo – UNIFESP – Paulista School of Medicine	2019 - ongoing
Founder and mentor Permanent Committee for the Development of Research among Medical Students in Brazil of the Association of Medical Students of Brazil	2023 – ongoing
National Campaign for the Development of Research among Medical Students in Brazil. This initiative is a national campaign that is being developed with programming from April 2023 to July 2024. Medical students from all universities in Brazil can register for the following activities: 1) Theoretical-practical learning about research project development; 2) Learning about the development and execution of systematic reviews and meta-analyses; 3) Activities to stimulate leadership and project development for the promotion of scientific research in universities; 4) Students will learn and be guided on how to carry out activities to develop initiatives that promote research among high school students in Brazilian public schools. 5) In July 2023, there will be an Online National Congress where all the developed projects will be presented.	2023 - ongoing
Research Trainee Theme: Abdominal surgery: Abdominoplasty and navel surgery techniques Supervisor: Oscar Ramirez MD Ramirez Plastic Surgery, Aventura - FL	2019 - 2021
Research Trainee & Technological Innovation Trainee Theme: Development of a mobile app to standardize photographs in Plastic Surgery Supervisor: Prof. Elvio Bueno Garcia Postgraduate Program in Science, Technology, and Management Applied to Tissue Regeneration - Federal University of São Paulo – UNIFESP – Paulista School of Medicine	2019 - 2021
Coordinator Undergraduate Research Support Laboratory Ninth of July University, São Paulo – SP	2018 - 2019
Course Data Science: Foundations using R 5 months Johns Hopkins	2023
Course Developing Metanalysis in Medicine 5 months (Theoretical-Practical) Metanalysis-Academy	2023
Course Cochrane Interactive Learning: Conducting an Intervention Review 15 hours	2023

Cochrane

Course 2023
The Science of Stem Cells
10 hours
American Museum of Natural History

Course 2023
Introduction to Translational Science
10 hours
University of Rochester

Course 2021
Principles, Statistical and Computational Tools for Reproducible Data Science
40 hours – 8 weeks
HarvardX

Course 2021
Innovation Applied in Practice
Federal University of São Paulo – UNIFESP – Paulista School of Medicine

2012-2013
Research Trainee in Experimental Studies
Theme: Hormonal changes related to the effects of suckling during lactation in rats
Supervisor: Prof. Erica Engelberg Cook – Research Scientist at the Department of Neuroscience, Mayo Clinic.
Veterinary Medicine, Octavio Bastos University – SP

US Clinical work experience

Observership 2021
80 surgeries were observed (jaw implant, abdominoplasty, endoscopic facelift, breast reconstruction, breast implant, BBL - Brazilian Butt Lift) - Pre- and post-operative, follow-up of patients, follow-up of treatment for complications.
Total workload: 240 hours
Supervisor: Oscar Ramirez MD – Plastic surgeon
Ramirez Plastic Surgery, Aventura – FL

Observership 2022
25 aesthetic procedures were observed (filling with hyaluronic acid, botox, and Ultrasound - Ultherapy collagen stimulation).
Total workload: 50 hours
Supervisor: Fernando Oliveira – MD
Bronxville – NY

Research Group Experiences

Research Volunteer 2021- ongoing
PGSSC Team Brazil – Program in Global Surgery and Social Change – Harvard Medical School

Research Volunteer 2023- ongoing

Neurosurgery Expert Group - Metanalysis Academy
Group created by Neurosurgeons focused on Metanalysis

Research Member 2021 - ongoing
FAT-HUB
Group focused on the study of the fat (adipose-derived stem cells) and development of scientific and technological solutions

Research Volunteer 2020-2021
Group of Plastic Surgeons focused on the study of cleft-palate and lips.
Prof. Nivaldo Alonso and SmileTrain

Hands-on extracurricular activities

Attendee 2022
Workshop on Mentoplasty
Supervisors: Prof. Endrigo Bastos; Prof. Nivaldo Alonso and Prof. Vera Cardim
Paulista Plastic Surgery Conference - Brazilian's Society of Plastic Surgeons

Attendee 2022
International Course on Facial and Nasal Surgery
Instructors: Patrick Tonnard; Gianluca Campiglio; Gerald O'Daniel; Francisco Bravo; James Grotting; Ozan Sozer – EUA; Nazim Cerkes; Yves Saban
58th Brazilian Congress of Plastic Surgery- Brazilian's Society of Plastic Surgeons

Volunteer 2021
ICU of the Campaign Hospital for COVID-19 - Lydia Storópoli
Ninth of July University – São Paulo - SP
2 months

Volunteer 2018-2019
Emergency Surgery
Municipal Hospital Prof. Waldomiro de Paula, HMWP, São Paulo – Brazil
Workload: 150 hours
Supervisor: Prof. Lourenilson Souza, MD - General Surgeon

Attendee 2019
Surgical techniques and Dissection in cadavers
Death Verification Service – Hospital das Clínicas – University of São Paulo
Workload: 30 hours – 2 hours per day – 15 days
Supervisor: Prof. Marcelo Serafini, MD – General Surgeon

Attendee 2018
Course on advanced life support for drowning
Firefighters Superior School
Workload: 8 hours

Attendee

Course "Stop the Bleed" 2018
American College of Surgeons
Workload: 3 hours

Leadership positions and Administrative Services

Member of the Young Physician Commission of the Federal Council of Medicine of Brazil 2022-ongoing
Access: <https://portal.cfm.org.br/comissoes-e-camaras-tecnicas/>

President 2021-2022
Plastic Surgery Academic Association from Brazil - ABLCP - Filiated to Brazilian's Society of Plastic Surgeons – SBCP
Members of ABLCP: 2300 students
São Paulo, SP - Brazil

Counselor 2022-ongoing
Brazilian Medical Students Association – AEMED-BR
São Paulo, SP - Brazil

President 2020-2022
Brazilian Medical Students Association – AEMED-BR
São Paulo, SP – Brazil
Access: <https://www.aemedbr.com/cópia-gestão-2020-22-1> or <https://www.instagram.com/aemed.br/>

President 2019-2020
São Paulo Medical Students Association – AEMED-SP
São Paulo, SP – Brazil
Access: <http://www.aemedsp.org.br/> or <https://www.instagram.com/aemedsp>

Director of Education 2019-2020
Plastic Surgery Academic Association from Brazil – ABLCP - Filiated to Brazilian's Society of Plastic Surgeons – SBCP
São Paulo, SP - Brazil

Coordinator 2019
Group of interest in Plastic Surgery of Ninth July University, São Paulo – SP

Member 2018
Group of interest in Plastic Surgery of Ninth of July University, São Paulo – SP

Member 2017-2018
General Surgery Club of Ninth of July University, São Paulo – SP

Volunteer Works

Coordinator of the “Talent Bank”, which has already enrolled over 100 medical students from various regions and faculties in Brazil. Over the course of one year, we will work together to develop their leadership skills, entrepreneurship, and pursuit of excellence in medical education. 2022 - ongoing

Creator of the Ankylosing Spondylitis Group Support - The Group, was founded by me in 2018 to help patients with ankylosing spondylitis in Brazil. In some regions of Brazil, there is a shortage of resources, knowledge, and information that can help these people. Through an online group, we disseminate information, make specific orientations, and clarify doubts from these patients. Among active participants, family members of those patients, and people who are interested in the theme (rheumatologists, physiotherapeutic, etc.), the group has 2600 people involved. 2018 – ongoing

Elaboration and submission of suggestions and concerns regarding medical education in Brazil to the Ministry of Health. These were hand-delivered to Health Minister Marcelo Queiroga during an official meeting in his cabinet, where all suggestions were presented and orally argued by representatives of various institutions, including the Senator of the Republic and leader of the Parliamentary Front for Medicine, President of the Brazilian Medical Association, President of the Latin American and Caribbean Medical Confederation (CONFEMEL), and Coordinator of the Department of Health Education. On that occasion, all representatives approved and endorsed my suggestions. 2022
Access: <https://www.flickr.com/photos/ministeriodasaude/albums/72177720298609568>

Student Coordinator of the national workforce group “Brazil Counts on Me” of medical students of Brazil for mobilization and confrontation of the Covid-19 Pandemic in SUS - Brazilian Unified Health System. This group has developed, together with the Ministry of Health - teaching and training programs for 5th and 6th-year students from Brazilian colleges to act in the front line under the supervision of doctors from the health system, 5.302 students completed the program. 2021

Participation in a National Public Hearing of the Federal Chamber of Deputies on the quality of teaching in Brazilian medical schools - 13-minute speech 2021
Access: <https://www.youtube.com/watch?v=faeQbnG8rdk&t=5380s> 55'25" – 69'15"

Participation as an academic coordinator of an initiative in partnership with the “Doctors for the World” program to acquire donations to purchase medicines, masks, and hand sanitizer for the homeless population in São Paulo during the pandemic. 2021

Participation in the development of a mobile app to facilitate access to cleft-palate and lips care in Brazil 2020

Honors and Awards

The Hippocratic Laureate – Virtuous Student – from Brazilian Medical Students Association – AEMED-BR 2023
Description: The highest honor title of AEMED-BR given to a student. This title is awarded to those medical students who have demonstrated the highest values,

principles, and ideals in medical education and in the practice of Medicine, to those who have bravely, through some accomplishment, changed the course of Medical education in Brazil and the image of the Medical profession in Brazilian society, and who, through demonstrated virtues in their actions - fidelity to the promise, benevolence, selflessness, compassion, intellectual humility, justice, and prudence - have emanated principles and values such as commitment to truth, honesty, loyalty, institutional impartiality.

Access: <https://www.aemedbr.com/discente-homenageados>

Outstanding Academic Leader - Plastic Surgery Academic Association from Brazil - 2022
ABLCP - Filiated to Brazilian's Society of Plastic Surgeons – SBCP

Ethics & Responsibility Award – Received at 59th Brazilian Plastic Surgery 2022
Congress for research on quality of life of the Brazilian plastic surgeon.

Undergraduate Thesis Highlight of Class XXI - The Effect of Different Protocols for 2015
Artificial Insemination in Cattle - Experimental Study on 600 Cows

Committee Assignments

Titular Member of Brazilian Medical Students Association of Neurosurgery - 2022- ongoing
Associated with Brazilian Society of Neurosurgeons and Latin American Federation
of Neurosurgical Societies

Brazilian representative member of the International Chair in Bioethics formerly
known as UNESCO Chair in Bioethics Student Association international 2022 - ongoing

Educational Activities

Academic Coordinator of the PIBIC-SBCP 2022
PIBIC-SBCP: Institutional Program of Scholarships for Scientific Initiation of the
Brazilian Society of Plastic Surgery - This program was created to stimulate
scientific research among the interest groups in Plastic Surgery in the
Universities of Brazil.
52 students inscribed – 45 selected
Brazilian's Society of Plastic Surgeons

Academic Coordinator of the PIBITI-SBCP - 2022 2022
PIBITI-SBCP: Institutional Program of Scholarships for Technology Innovation of
the Brazilian Society of Plastic Surgery - This program was created to stimulate
scientific research among the interest groups in Plastic Surgery in the
Universities of Brazil.
6 students inscribed – 5 selected
Brazilian's Society of Plastic Surgeons

Coordinator 2022
Leadership and management training for Presidents, Vice-Presidents, and
Directors of ABLCP Members (Plastic Surgery Academic Association from Brazil)
– 300 attendees from all Brazilian states and distributed in 92 Medical Schools.

Coordinator 2021

"Medical Student Leadership School Program" – 60 students inscribed – 11 selected.

Brief description: Activities and projects were developed during one year long and at the end a National Congress of Medical Students was elaborated online (1500 attendees)

Brazilian's Medical Students Association – AEMED-BR

Coordinator 2020-2021
Partnership between AEMED-SP (São Paulo's Medical Students Association), the Post-Graduate Program in Translational Surgery and the Post-Graduate Program of Professional Master's applied to Tissue Regeneration. In this partnership 70 medical students were selected and participate in scientific initiation activities in topics related to Plastic Surgery.

Neuroanatomy academic monitor for the 2nd year medical students at the 9th of July Medical School 2019-2020

Publications

Journal articles

Ferreira MY, Carvalho Junior JC, Ferreira LM. Evaluating the quality of studies reporting on clinical applications of Stromal Vascular Fraction: A systematic review and proposed Reporting Guidelines (CLINIC-STRA-SVF). Regenerative Therapy. Dec 2023; Vol 24 – 332-342. <https://doi.org/10.1016/j.reth.2023.08.003> 2023

Alves GFF, Sobreira SM, Coni AD, Oyharçabal CM, Luz TST, **Ferreira MY**, et al. Quality of life of Brazilian plastic surgeons. Rev. Bras. Cir. Plást.2023;38(2):1-14 <https://www.dx.doi.org/10.5935/2177-1235.2023RBCP0703-PT> 2023

Abstracts and Presentations

Oral Presentations

International Meeting

Grant S; **Ferreira MY**; **Ramirez O**. Long Umbilical Stalk: Strategies for Shortening and Preservation during Abdominoplasty. The Aesthetic Meeting 2023. 2023 April 23; Miami Beach, FL,

Regional Meeting

Ferreira MY; Sifuentes, Y. Resection of lesion in lower lip and Reconstruction with bilateral advancement flap. Surgery Symposium of Ninth of July University. 2019 Nov 30; São Paulo – SP.

Abstracts

International meeting

Oyharçabal CM; **Ferreira MY**; Roveri SG; De Araújo RS; Pedroso JCM, Ferreira LM. Benefits, challenges and perspectives of robotic surgery in several surgical modalities: a systematic literature review CONBIOTED Congress - Biotechnology Innovation & Knowledge. ISBN: 978-65-86861-05-1 Ed 2020

De Araújo RS; **Ferreira MY**; Roveri SG; Oyharçabal CM; Mattar GG; Pedroso JCM, Ferreira LM Microsurgery training for plastic surgery residents at the paulista school of medicine CONBIOTED Congress - Biotechnology Innovation & Knowledge. ISBN: 978-65-86861-05-1 Ed 2020

Posters

National Meetings

Ferreira MY; Gonçalves MP; Bucco JR; Amaral MJ; Junior EP; Truzzi NC Exeresis of cutaneous lymphocytoma in auricular extremity - a case report. Poster session presented at: Face and Neck surgery. 27th Congress of the Brazilian College of Surgeons; 2019 May 1-4; Brasilia – DF.

Ferreira MY; Gonçalves MP; Bucco JR; Amaral MJ/ Junior EP; Truzzi NC. Small bowel rupture caused by a rare manifestation of Schistosoma mansoni infection. Poster session presented at: Face and Neck surgery. 27th Congress of the Brazilian College of Surgeons; 2019 May 1-4; Brasilia – DF.

Ferreira MY; Azevedo FB. An evaluation of medical students' knowledge of scientific methodology. Medical Congress of Ninth of July University; 2019 Apr 28-30; São Paulo – SP.

Ferreira MY; Rodrigues R; Blood transfusion therapy – the importance of a solid and multidisciplinary knowledge for an effective medical practice. Medical Congress of Ninth of July University; 2019 Apr 28-30; São Paulo – SP.

Ferreira MY; Sifuentes Y

Profile of medical student member of groups of interest in Plastic Surgery and their view about the career and the public health system. 6th COLICIP – Academic Congress of Plastic Surgery; 2019 Apr 10-11; University of São Paulo – USP; São Paulo – SP.

Other productions

Ferreira MY

Interview: Goals and plans for teaching plastic surgery among undergraduate students - 2300 ABLCP members 2022
Plastiko's Journal – SBCP Edition 232
Access: <https://www.sbcsp-sp.org.br/downloads/Revista-Plastikos-JanFevMar-22.pdf> - Page 57

Ferreira MY

Interview: Plastic Surgery Group of Interests in Brazil - scenario 2022
Plastiko's Journal – SBCP Edition 233
ACCESS: <https://drive.google.com/file/d/1xi8Kq55HKQTm0s7EZdPsGoHwl-lu4BkB/view?usp=sharing> Page 44

Ferreira MY

Handbook - A Practical Guide for the First Year Medical Student - Ethics, Medical Humanities and Commitment. 2021

Audios/videos

Ferreira MY, Abel J, Passos AP

Invited participation 2021
Podplas – Podcast applied to Plastic Surgery, Medicine and Well-being
Youtube: <https://www.youtube.com/watch?v=XjtmhJWXmJQ&t=2398s>
Spotify: <https://open.spotify.com/episode/7GP63dPqeK3O6DCWDovgXH?si=25f80ec7f3414af5>

Ferreira MY, Sipas T, Loma DVC 2021
Teaching of Plastic Surgery to undergraduate students in Brazilian Universities – participation of the President of SBCP – Brazilian Society of Plastic Surgery
Spotfy: <https://open.spotify.com/episode/7vit6mhdGngOailkiWXHZH?si=e019c573f3bc4b8f>

Ferreira MY 2021
Interview: Vaccination of COVID-19 - Management of Medical Students in Brazil.
SBT – National TV Channel
Access: https://www.youtube.com/watch?v=ic5qG_WriN4&t=82s

Patents and Technology Transfer

Ferreira MY 2020
Patent: Computer Program. Registration number: BR5120200011-5, registration date: 22/06/2020, title: "HIPPOCAMPUS", Institution of Registration: INPI - National Institute of Industrial Property.

Final considerations:

In conclusion, I would like to share a few personal aspects of my life. As a musician, I have been playing the saxophone and bassoon for many years. Additionally, I have a profound love for animals, especially horses, which I have been riding since childhood. My family is incredibly important to me, and I am grateful for them every day.

Looking toward my future career, I am currently preparing to apply for a residency program in Neurosurgery in the USA. My wife and our two-year-old son, named Marcio Ferreira Jr., are Americans. For this reason, I have decided to move to the USA so that we can build our life in this country.

During my undergraduate studies, I have always been interested in surgical fields, with plastic surgery and neurosurgery being the two areas of greatest interest. I was fortunate to have rotations in clinical and surgical neurology during the last year of my studies, which solidified my passion for neurosurgery.

The exactitude, decisiveness, thoroughness, and technical complexity of surgical procedures, along with their profound impact on patients' lives through surgical therapeutic interventions, were the defining characteristics that propelled me towards a career in neurosurgery. Moreover, I am particularly fascinated by the intricacies of complex surgical techniques, and the challenges of executing them with the utmost skill possible.

I am eager to pursue research in addition to medical practice, particularly in neurosurgery and oncological diseases such as Glioblastoma multiforme. I believe this choice would offer me the best efficient use of my time, dedication, and life.

Thank you for your attention.