

CAMILA BELÉN DÍAZ HERMOSILLA

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EDUCATION

UNIVERSIDAD DE LA FRONTERA

MD Program in progress

Temuco, Chile

March 2020 – Present

Activities¹

Teaching and Research Assistant of Surgery

ERAS implementation research (audits, pathway design, outcome tracking), including adaptation with the hospital's coloproctology service and research collaborator in cardiac surgery service; delivered weekly theory sessions and case discussions for ~80 students per course; created slide decks and exam-style questions.

March 2024 – Present

Teaching and Research Assistant of Neuroanatomy

Neuroanatomy teaching & research (small-group dissections/prosections, neuroimaging correlation, flipped materials); led theory/lab sessions and supported exam item review, and served as principal author of an open-access neuroanatomy study website (<https://neuroanatomia.ufro.cl/Volumenes/>) and other websites.

Aug. 2021 – Dec. 2024

Research Assistant of Flipped Classroom in Medical Education Project

Flipped-classroom research in medical education, focused on anatomy classes across multiple programs within the Faculty of Medicine (module design, pre/post evaluation, item analysis, IRB/data management); produced abstracts/manuscripts and presented findings.

Aug. 2022 – Dec. 2023

Teaching Assistant of Biostatistics

Biostatistics teaching (intro Stata/R, data cleaning, descriptive/linear regression, reproducible templates); mentored student analyses and coordinated grading/office hours.

Aug. 2022 – Dec. 2022

LEADERSHIP AND MANAGEMENT EXPERIENCE¹

Panamerican Society Trauma

Co-Chair Student Sub-Committee of Membership Committee and Ambassador

Student membership strategy & growth (recruitment pipelines, regional ambassadors, onboarding toolkit, monthly dashboards); serving as the student representative to the Board of Directors, launched webinars/chapters playbook, and expanded student membership by 20% across 30 countries.

Richmond, VA

May 2025 – Present

Aspire Leaders Program (Aspire Institute)

Fellow of The Aspire Leaders Program Cohort 1 – 2024

Selected for a competitive, multi-stage program for first-generation/limited-income university students; delivered by Aspire Institute (independent nonprofit spun out of Harvard in 2021) with Harvard University faculty-led content.

Boston, MA

Jan. 2024 – Apr. 2024

Academy of Surgery, Emergency Medicine, and Trauma for Medical Students of Chile (ACUTEM)

Founder & Congress Chair at "Advances in Global Surgery Congress 2024"

Designed and chaired Chile's first student-led congress focused on Global Surgery, hosted within the XXII Thematic Scientific Congress of Medical Students (CCTEM) at UFRO; ~300 attendees from >15 universities with 11 keynotes, 140 talks, 18 workshops, and 4 symposia; national & international speakers; launched follow-on research working groups.

Chile

Jan. 2024 – Aug. 2024

Founder and President

Founded and led ACUTEM, Chile's first student-run academy for surgery, emergency medicine and trauma, where I established bylaws, governance and operating procedures, forged inter-university partnerships and societies sponsorships, such as the Chilean Society of Surgery and Chilean Chapter of American College of Surgeons, and grew the community to ~300 members nationwide. I launched scalable education programs—a national trauma league and first-aid, suturing, surgery and trauma courses reaching up to ~1,000 attendees per series—standardizing curricula, checklists and faculty mentorship, and implemented monitoring & evaluation with open-access materials to broaden reach. I organized international trauma-center exchanges (observerships/short rotations) with pre-departure training and post-rotation. I also managed budgets, contracting, communications and day-to-day operations to keep programs sustainable and equitable across Chile.

Jan. 2022 – Feb. 2023

Research Director

Founded a peer-mentorship network for surgical and medical-surgical specialties; formed 30 research teams, ran onboarding bootcamps and protocol clinics, hosted scientific abstract presentation days, matched trainees with mentors across institutions, and delivered conference abstracts and manuscripts.

Feb. 2023 – Jan. 2025

Association of Women Surgeons

Founder and President of Student Chapter of Universidad de La Frontera

Founded and presided over the AWS student chapter at UFRO, building a cross-program community of ~70 members and setting chapter governance, officer roles, and an annual plan. I organized national women-in-surgery meetups and mentorship panels, launched hands-on skills workshops and outreach activities, and created a mentorship pipeline linking students with residents and surgeons. I built an alliance/partnership with the Department of Women Surgeons of the Chilean Society of Surgery.

Chile

Jan. 2023 – Jan. 2025

International Federation of Medical Students Associations (IFMSA)

Creator Health on the Street National Project of IFMSA Chile

Designed and led community mobile-health operations for people experiencing homelessness—multidisciplinary teams, 30 volunteers, 100 patient encounters, on-site first aid and education, referral pathways to primary care, and partnerships with local services.

Chile

Jan. 2023 – July 2024

Local Officer of Human Rights and Peace Standing Committee (SCORP) of IFMSA Chile

Coordinated SCORP's local portfolio—advocacy, rights-based training, and street-medicine campaigns; organized 3 workshops/campaign days and liaised with 5 community partners to strengthen referrals for vulnerable populations.

Jan. 2024 – Feb. 2025

Open Research

Founder and Mentor

Created a peer-mentorship network to introduce students to research (onboarding bootcamps, protocol clinics, IRB/data templates), matched 150 trainees with mentors, and delivered outputs (25 abstracts / 15 manuscripts) with open-access materials.

Chile

Aug. 2023 – Present

MEDICAL ROTATIONS AND EXTERNSHIPS

Hospital Universitari de Girona Dr. Josep Trueta

Internship in General and Digestive Surgery

Clinical internship in the General and Digestive Surgery Department, where I had the opportunity to rotate and learn theoretical and, above all, practical aspects. Special mention should be made of the work carried out in the Colorectal and HBP Surgery Units. Mentor: Dr. Ernesto Castro.

Girona, Spain

Aug. 2023 – Sep. 2023

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Hospital Dr. Hernán Henríquez Aravena

Volunteer Rotations in Surgical Emergencies Service

Weekly 24-hour shifts at Regional Hospital of Temuco, the second largest hospital in Chile, as part of the shift 3 team. I perform care tasks, surgical assistance, and surgical procedures under supervision. Mentors: Dr. Paula Flores-Muñoz and Dr. Fatme Díaz-Gasaly.

Temuco, Chile

June 2022 – Present

AWARDS AND SCHOLARSHIPSⁱ

First Place in the “Quién Sabe, Sabe” Surgery Knowledge Competition 2025

XXXVII Panamerican Congress on Trauma, Critical Care, and Trauma Surgery 2025

First Place in the rapid-fire surgical knowledge competition; team of three, competing against 30 groups from across the Americas; covered trauma, critical care, and emergency surgery.

Cuenca, Ecuador

May 2025

Second Place Scientific Competition Poster Presentation Student Category

XXXVII Panamerican Congress on Trauma, Critical Care, and Trauma Surgery 2025

Awarded Second Place for the student poster “Epidemiology of Intentionally Self-Inflicted Injuries in Chile: Analysis of Hospital Discharge Data in Adults From 2010 To 2023.” (topic: Public Health); with 22 student posters evaluated.

Cuenca, Ecuador

May 2025

100 Leading Women of La Araucanía Award 2024

Corporación Más Mujeres Araucanía and Regional Government

Recognized by Corporación Más Mujeres Araucanía and the Regional Government as one of the “100 Leading Women of La Araucanía” for contributions to surgical education, student leadership, and community health outreach.

Temuco, Chile

Dec. 2024

Second Place Scientific Competition Oral Presentation Student Category

XXXVI Panamerican Congress on Trauma, Critical Care, and Trauma Surgery 2024

Awarded Second Place for the student oral presentation “Hospital discharges due to multiple trauma in Chile from 2003 to 2022: a 20-year analysis.” (topic: Public Health); with 10 student posters evaluated.

Lima, Perú

Aug. 2024

First Place Scientific Competition Oral Presentation Student Category

XXXV Panamerican Congress on Trauma, Critical Care, and Trauma Surgery 2023

Awarded First Place for the student oral presentation “Analysis of Deaths Due to Polytrauma in Chile over the Last 25 Years (1997–2022).” (topic: Public Health); with 10 student posters evaluated.

Florianópolis, Brazil

July 2023

Special Award for Oral Presentation in Morphology

Chilean Society of Anatomy

Special Award for the oral presentation “University of La Frontera’s Neuroanatomy Website.”, recognizing its impact on medical education—curricular innovation and learner outcomes—alongside scientific merit and clarity.

Santiago, Chile

Oct. 2022

MEMBERSHIPS

Panamerican Trauma Society (PTS)

2023 – Present

Association of Women Surgeons (AWS)

2022 – Present

Academy of Surgery, Emergency Medicine, and Trauma for Medical Students (ACUTEM)

2022 – Present

American College of Surgeons (ACS)

2020 – Present

Scientific Academy of Medical Students at the University of La Frontera (ACEM-UFRO)

2020 – Present

International Federation of Medical Students Associations (IFMSA)

2020 – Present

CONFERENCES AND COURSES (ATTENDANCE)ⁱ

XXXVII Panamerican Congress of Trauma, Critical Care & Emergency Surgery

Panamerican Trauma Society

Cuenca, Ecuador

May 2025

International School of Public Health & Epidemiology – Advance Epidemiology Course

Universidad de Chile, Universidad de La Frontera and CIGES UFRO

Chile

Jan. 2025

International School of Public Health & Epidemiology – Design of Evaluation Studies for Public Health Policies Course

Universidad de Chile, Universidad de La Frontera and CIGES UFRO

Chile

Jan. 2025

XXXVI Panamerican Congress of Trauma, Critical Care & Emergency Surgery

Panamerican Trauma Society

Lima, Perú

Aug. 2024

35° Brazilian Congress of Surgery

Colégio Brasileiro de Cirurgiões

Florianópolis, Brazil

July 2023

PERSONAL SKILLS

Languages: Spanish (Native), English (Intermediate).

Data & Stats: R, Stata, SPSS, Joinpoint; Python (data scripts); SQL (basic queries); Git/GitHub.

Methods: Cohort & time-series analysis; survival analysis; geospatial analysis (basic GIS/QGIS); difference-in-differences; interrupted time series; propensity scores; systematic review and meta-analysis; PRISMA/ROBINS-I/GRADE.

Web & Tech: HTML/CSS/JavaScript, PHP (intermediate); WordPress. Adobe Illustrator, Photoshop, Premiere.

Project & Ops: IRB & data governance; multi-site coordination; stakeholder engagement; workshop facilitation; teamwork.

SCIENTIFIC PRODUCTION

PEER-REVIEWED PUBLICATIONS

1. **Díaz-Hermosilla C**, Mora A, Kahler C, Barra A, García B, Cofré A. Performance Of ICD-10-Based Injury Severity Scores In Adult Trauma Patients In Chile Using ICD-AIS Mapping and Survival Risk Indices. *Panamerican Journal of Trauma Critical Care & Emergency Surgery*. 2025;14(2).
2. Díaz Gasaly F, Duran Fernandez R, **Díaz-Hermosilla C**. Recto-Uterine Fistula as a Complication of Intrauterine Device. *Rev Cir*. 2025;77(1). doi:10.35687/s2452-454920250012474
3. Cruz F, **Díaz-Hermosilla C**, Valle SD, Jarpa J, Tapia D, Massardo F. Hospital discharges due to pelvic trauma in Chile in the period (2003–2023): Analyzing the last 20 years. *Panamerican Journal of Trauma, Critical Care & Emergency Surgery*. 2024;13(3):120-124. doi:10.5005/jp-journals-10030-1468
4. Contreras F, **Díaz-Hermosilla C**, Gatica O, Barra A. Association between the distribution of blood banks and the management of hemorrhagic and hypovolemic shock in Chile. *Panamerican Journal of Trauma, Critical Care & Emergency Surgery*. 2024;13(3):125-129. doi:10.5005/jp-journals-10030-1469
5. Contreras F, **Díaz-Hermosilla C**, Barra A, Gatica O. Trend in trauma mortality in geriatric patients in Chile during the period 1997 to 2023. *Panamerican Journal of Trauma, Critical Care & Emergency Surgery*. 2024;13(3):130-133. doi:10.5005/jp-journals-10030-1470
6. **Díaz-Hermosilla C**, Cofré-Morales A, Herrera-Toro I, et al. Epidemiology of interpersonal physical violence in Chile: A 20-year analysis (2003–2022). *Panamerican Journal of Trauma, Critical Care & Emergency Surgery*. 2024;13(1):29-37. doi:10.5005/jp-journals-10030-1442
7. **Díaz-Hermosilla C**, Carmona PAA, Cortés GAM, Escudey FC. Analysis of deaths due to polytrauma in Chile over the last 25 years (1997–2022). *Panamerican Journal of Trauma, Critical Care & Emergency Surgery*. 2023;12(3):144-151. doi:10.5005/jp-journals-10030-1430
8. Araya J, **Díaz-Hermosilla C**, González P, Schorr I. Epidemiological characterization: description of mortality for non-traumatic acute subdural hemorrhage in the 2017-2021 period, in Chile. *Revista ANACEM*. 2023;17(1).
9. Herrero S, Sanhueza C, Echeverría D, **Díaz-Hermosilla C**, Alvarado E. Scores of the National Entrance Contest to the National Health Service System by university. Period 2017 - 2020. *Rev ANACEM*. Published online 2021:33-41. <https://pesquisa.bvsalud.org/portal/resource/pt/biblio-1283060>

UNDER REVIEW

1. **Díaz-Hermosilla C**, et al. Trends in Hospitalizations, Mortality, and Case Fatality Rates for Peptic Ulcers in Chile, 2001–2023.
2. **Díaz-Hermosilla C**, et al. Epidemiological analysis of necrotizing fasciitis in Chile during the period 2001 to 2024.
3. **Díaz-Hermosilla C**, et al. Long-Term Hard Outcomes and Weight Regain After Laparoscopic Roux-en-Y Gastric Bypass Versus Laparoscopic Sleeve Gastrectomy With ≥8-Year Follow-Up: A Systematic Review and Meta-Analysis.
4. **Díaz-Hermosilla C**, et al. Socioeconomic Inequities in Colorectal Cancer Hospitalization and Mortality in Chile: A Population-Based Cohort Study.

ORAL PRESENTATIONS (UNPUBLISHED ONLY)

Earlier oral presentations now published are listed under Peer-Reviewed Publications and are not duplicated here.

1. García B., **Díaz-Hermosilla C.**, Barra A., Mora A., Kahler C., Cofré A. Hospital Burden and Economic Estimate Of Multiple Trauma Care in Chile Between 2001 And 2023. 37th Panamerican Congress on Trauma, Critical Care, and Emergency Surgery; Cuenca, Ecuador; 2025.
2. Barra A., **Díaz-Hermosilla C.**, García B., Mora A., Kahler C., Cofré A. Trauma In The Chilenian Pediatric Population: Risk Factors, Challenges, And Perspectives. An Analysis Of The Period From 2001 To 2024. 37th Panamerican Congress on Trauma, Critical Care, and Emergency Surgery; Cuenca, Ecuador; 2025.
3. **Díaz-Hermosilla C.**, Cruz Escudey F., Kahler Casas C., Águila Aguilar A., Hospital discharges due to multiple trauma in Chile between 2003 and 2022: a 20-year analysis. 36th Panamerican Congress on Trauma, Critical Care, and Emergency Surgery; Lima, Perú; 2024.

POSTERS PRESENTATIONS¹

1. Kahler C., **Díaz-Hermosilla C.**, Barra A., García B., Mora A., Cofré A. Epidemiology of Intentionally Self-Inflicted Injuries in Chile: Analysis of Hospital Discharge Data in Adolescents From 2010 to 2023. 37th Panamerican Congress on Trauma, Critical Care, and Emergency Surgery; Cuenca, Ecuador; 2025.
2. Mora A., **Díaz-Hermosilla C.**, Barra A., García B., Kahler C., Cofré A. Epidemiology of Road-traffic Trauma in Chile and its Geographic Variability, 2001-2023. 37th Panamerican Congress on Trauma, Critical Care, and Emergency Surgery; Cuenca, Ecuador; 2025.
3. **Díaz-Hermosilla C.**, Herrera I., Poisson M., Soto A., Araya J., Tendencia Y Distribución Geográfica De La Mortalidad Por Pancreatitis Aguda En Chile, En Los Últimos 25 Años (1997-2022). 1st Conference on Medical Research - Scientific Society of Medical Students at the University of San Sebastián in Puerto Montt, Chile; 2024.
4. **Díaz-Hermosilla C.**, Toro Mora F., Danton Schnettler R., Nahuelcura N. Innovating in Anatomy: Is the Flipped Classroom the Answer to Improving the Learning Process for University Students? XLIII Chilean Congress of Anatomy; 2023.
5. Rodríguez García J, Matamala F, **Díaz-Hermosilla C.**, Toro Mora F, Cancino Castro C. Comparison of the Performance of Artificial Intelligence Chat Models in Answering Assessment Questions on Neuroanatomy. XLIII Chilean Congress of Anatomy; 2023.
6. Matamala F, **Díaz-Hermosilla C.**, Danton Schnettler R, Toro Mora F, Lienlaf Manríquez D. University of La Frontera's Neuroanatomy Website. 2nd Health Congress: Experiences in Research, Postgraduate Studies, and Clinical Specialties, University of La Frontera, Temuco; 2023.
7. Cofré Morales A., **Díaz-Hermosilla C.**, Muñoz Chávez S, Muñoz Chávez V, Correa Catalán M, Rojas Mella C. Mortality due to mechanical asphyxia in Chilean adults aged 15 to 64 over the last 25 years (1997-2022). XXXV Pan American Congress on Trauma, Critical Care, and Emergency Surgery; Florianópolis, Brazil; 2023.
8. **Díaz-Hermosilla C.**, Monroy Cortés G, Figueroa Gamboa C, Herrera Toro I. Analysis of the trend and geographical distribution of mortality from aortic dissection in Chile, in the period 2003-2022. XXXV Panamerican Congress on Trauma, Critical Care, and Emergency Surgery; Florianópolis, Brazil; 2023.

¹ Due to space limitations, only a selection of activities/records were included.