Jose Luis Villca Villegas

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**CURRICULUM VITAE**

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**Education:**

In progress Master in Clinical Research,

Italian Hospital University Institute of Buenos Aires

2022-2022 Diploma in Higher Education in Health,

Competence-based approach,

Faculty of Medicine “Dr. Aurelio Melean”,

Universidad Mayor de San Simon, Cochabamba, Bolivia

2015-2021 Degree in Medicine,

Faculty of Medicine “Dr. Aurelio Melean”,

Universidad Mayor de San Simon, Cochabamba, Bolivia

**Experience:**

2023-Present **Mentor in Open Life Science** , Mentoring & training program of Open Life Science, Alan Turing Institute, United Kingdom

* Evaluated and advised the development of scientific research projects with a global open science approach together with the Open Life Science team.

2023-2023 [Member of the Advisory Board of Funds for open access research projects of global impact , Invest in Open Infrastructure (IOI) , United Kingdom](https://investinopen.org/blog/open-infrastructure-fund-pilot-cfp/#advisory-panel) ,

* Together with the IOI council, it evaluated the funds to be allocated to research community projects with a focus on open science at a global level, with emphasis on projects carried out in middle- to low-income countries according to UNESCO .

2022-2023 **Deputy Editor,** Medical Journal of the Medical College of Cochabamba, Bolivia

* Manage peer review for the evaluation of scientific documentation in the OJS journal: <https://revista-medica-cbba.com/index.php/rm>

2020 – 2020 **Editor in Chief** , Student Scientific Magazine, “Medical Science”, Cochabamba, Bolivia

* Jointly guide the editorial team in the peer review for the evaluation of scientific documentation to be published in the OJS journal:

<https://rccm-umss.com/index.php/revistacientificacienciamedica>

2020 – 2020 **Research Intern** , Public Health and Epidemiology Unit, Institute of Biomedical Research and Social Research, Universidad Mayor de San Simon, Cochabamba, Bolivia

* Manage, administer and clean the primary databases of research projects linked to epidemiology and public health
* I attended and passed the research and statistics training at the Institute of Biomedical Research and Social Research (IIBISMED-UMSS)

2020-2020 **Administrative Assistant** , Department of education and planning, Faculty of Medicine “Dr. Aurelio Melean”, Universidad Mayor de San Simon

* Support in the management of scientific documentation, evaluations and projects of academic interest of the “Dr. Aurelio Melean”, Universidad Mayor de San Simon

2019 – 2019 **Director of Continuing Training** , Editorial Committee of the student Scientific Magazine, “Medical Science”, Cochabamba, Bolivia

* Teach and support the development of research projects together with teachers and researchers from the Institute of Biomedical Research and Social Research (IIBISMED-UMSS)

2018 – 2018 **Student Exchange Intern** , Department of Internal Medicine, San Jose de Colonel Hospital, Concepción, Universidad San Sebastián, Chile

* Perform clinical internships in the internal medicine department

**Relevant educational certifications:**

2023-2023 Specialization, Statistical Analysis with R for Public Health,

by Imperial College London on Coursera

2023-2023 Causal Diagrams : Draw your Assumptions Before your Conclusions ,

Harvard University, EdX

2023-2023 Logistics Regression in R for Public Health,

by Imperial College London on Coursera

2023-2023 Writing in the Sciences,

by Stanford University on Coursera

2023-2023 Survival Analysis in R for Public Health,

by Imperial College London on Coursera

2022-2022 Open Science, 5th Cohort of mentoring & training program of principles of Open Science of Open Life Science, Alan Turing Institute, United Kingdom

2021-2021 Introduction to Global Health,

Harvard Medical School Center for Global Health, Global Health Equity University, Latin American Thoracic Association and the Continental University of Peru

2020-2020 Linear Regression in R for Public Health,

by Imperial College London on Coursera

2020-2020 Basic Level, Methods in Epidemiological, Clinical and Operations Research (MECOR) Latin America, American Thorax Association, Latin American Thorax Association

2020-2020 Edition and visibility of scientific journals,

Regional Online Information System for Scientific Journals from Latin America, the Caribbean, Spain and Portugal, Latindex, Mexico

2019-2019 Measuring Disease in Epidemiology, by Imperial College London on Coursera

2019-2019 Study Designs in Epidemiology, by Imperial College London on Coursera

2019-2019 Validity and Bias in Epidemiology, by Imperial College London on Coursera

2019-2019 Specialization Certificate in Epidemiology for Public Health, a cargo de Imperial College London en Coursera

2019-2019 Introduction to Statistics & Data Analysis in Public Health,

by Imperial College London on Coursera

**Honors:**

2021 Third Place, Gauss Category, University Level, National Statistical Poster Competition Award, 2021, National Institute of Statistics, La Paz, Bolivia

2019 Honor Diploma, First Place, Student Category, II Scientific Research Fair of the Faculty of Medicine of the Universidad Mayor de San Simon, Cochabamba, Bolivia

2019 Honor Diploma, Second Place, Student Category, II Scientific Research Fair of the Faculty of Medicine of the Universidad Mayor de San Simon, Cochabamba, Bolivia

**Peer-reviewed publications (Original articles and Review articles):**

Published

1. **Villca Villegas Jose Luis** , Chavez-Soliz Helem Rocio, Mamani Ortiz Yercin, Arévalo Gonzales Mary Rossana. Correlation and agreement of the circumference/waist and circumference/height indices with the body mass index. Bolivian Medical Gazette. 2019 Dec; 42(2): 122-126. Available at: <http://www.scielo.org.bo/scielo.php?script=sci_arttext&pid=S1012-29662019000200006&lng=es>.
2. **Villca Villegas Jose Luis** , Danae Carelis Davila Espinoza, Ximena Gonzales Rojas, Yercin Mamani Ortiz, Motivation, Qualities and Interests of medical students: Implementation of the 1st Research Seedbed. Scientifica. 2020 Dec; 18 (2): 3-8.
3. Quiñones Miranda Miriam Patricia, **José Luis Villca Villegas** . Musculoskeletal diseases and their association with overweight and obesity in older adults, a cross-sectional study. Bolivian Medical Gazette. 2021 Jun: 44(1): 40-43. Available at: <https://dialnet.unirioja.es/servlet/articulo?codigo=8074075>
4. **Villca Villegas Jose Luis** , Condori Salluco Nelson Franco, Alarcon Arteaga Andrea. Ecological Study of Bolivian Homes and their Relationship with COVID-19, Management 2020. Gac Med Bol. 2022 Jun; 45(1): 17-22. Available at: <https://doi.org/10.47993/gmb.v45i1.360>.
5. Pahuasi Pardo David, **Villca Villegas Jose Luis** . Risk Factors That Influence Morbidity and Mortality in Patients with COVID-19. Gac Med Bull. 2022 Jun; 45(1): 41-44. Available at: <https://doi.org/10.47993/gmb.v45i1.361>.
6. **Villca Villegas Jose Luis** , Jove Veizaga Adriana Julieta, Policarpio Hilari Ana Cristina, Ochoa Ledezma Esther Elisa. Bibliometric analysis of scientific evidence of vaccines (Sputnik V, Moderna, Pfizer, Sinopharm, AstraZeneca, Janssen) for Covid-19. Gac Med Bull. 2022; 45(2): 167-173. Available at: <https://doi.org/10.47993/gmb.v45i2.223>.
7. Villca Villegas Jose Luis, Moreno Choque Rocio Aracely, Gomez Verduguez Camila Alejandra, Vargas Aguilar Alvaro Andre. Influence of the COVID-19 pandemic on the mental health of health workers. Bolivian Medical Gazette. 2021 Jun; 44(1): 75-80. Available at: <http://www.scielo.org.bo/scielo.php?script=sci_arttext&pid=S1012-29662021000100013&lng=es>

**Non-peer reviewed publications (Editorials, Letters to the editor):**

Published

1. **Villca Villegas Jose Luis** , Moreno Choque Rocio Aracely. Defining a good research question using the PICOT and FINGER format. Bolivian Medical Gazette. 2020 Dec;43(2):233-5. Available at: <https://www.gacetamedicaboliviana.com/index.php/gmb/article/view/222>
2. **Villca Villegas Jose Luis** , Condori Salluco Nelson Franco. Adaptation of the editorial process and the importance of open access during the covid-19 pandemic. Medical Science Scientific Magazine. 2020 Jun; 23(1): 4-5. Available at: <http://www.scielo.org.bo/scielo.php?script=sci_arttext&pid=S1817-74332020000100001&lng=es>.

**Skills and competencies:**

1. **Level B1 [+] of English** based on the Common European Framework of Reference (CEFR)
2. Basic level in the native Andean indigenous language Quechua
3. Basic level **sign language**
4. **Office automation skills:** Word, Excel, Power Point, Moodle, Microsoft Teams, Zoom, Classroom and Meet
5. **Competencies in data analysis and data visualization in R and Rstudio** (with emphasis on Tydiverse, advanced ggplot2, Rmarkdown, Rblogdown packages), Stata, and SPSS.

**Work experiences in organizing scientific events:**

2016 Organizer of the international scientific congress of the Latin American federation of medical students (FELSOCEM)

2017 Organizer of the second histochemistry course of the local federation of IFMSA-UMSS

2020 Organizer of the first national course on principles of research methodology in the health area of the Scientific Society of Medical Students

**Memberships:**

2016 – 2020 Scientific Society of Medical Students, Universidad Mayor de San Simon, Cochabamba, Bolivia

**Presentations at scientific events**

2016 Main speaker of a research protocol and a clinical case at the international scientific congress of the Latin American federation of medical students (FELSOCEM), Cochabamba, Bolivia

2019 Main exhibitor of two research works at the scientific research fair in the health area of the Universidad Mayor de San Simon, Cochabamba, Bolivia