SUENY PALOMA LIMA DOS SANTOS

Profile

PhD student in Translational Biomedical Sciences, Master of Science in Biodiversity in Tropical Areas and Conservation and more than 10 years of professional and academic experience in health and biology areas.
Expertise in biology, biostatistics, epidemiology, microbiology, fundamental Bayesian methods, teaching, research, students' mentorship, academic coordination, public speaking, articles' writing.

RStudio, Stata, SAS, SPSS, JMP, MrBayes, Geneious, Mesquite, Partition Finder, Garli, Tracer

Advanced English, fluent Spanish, and native Portuguese

Professional Experience

Lecturer & Researcher **2014 -2021**
The Pontifical Catholic University of Ecuador (Quito, Ecuador) www.puce.edu.ec

- Teach the following courses at the Faculty of Nursing: Research Methods, Biostatistics, Epidemiology, Microbiology, Biology.
- Coordinate, in collaboration with the departments' director, the first evaluation of Human Nutrition Bachelor's degree student's final dissertation.
- Mentor students to analyze data and write the final dissertation.
- Revise lecturer's research projects before it would be sent to the Bioethics Committee.
- Assign research hours to researchers as per their subject and profile.
- Organize 10 academic congresses in the health field, having an audience of around 300 people in each congress.

- Lead two research projects:
  1) "Knowledge, attitudes and beliefs of students and teachers at PUCE, regarding organ donation." Approbation Bioethics Committee: CEISH-716-2019. Budget: U$ 4.995,00. (2019 – Present; PUCE - Ecuador);
  2) "Survival analysis of patients on the waiting list for kidney transplantation at the Hospital de Especialidades de FFF.AA Nº1". Approbation Bioethics Committee: 2019-067-HE-1-10 CPIC. Budget: own funding (2018 – Present; PUCE - Ecuador).

- Collaborate in three research projects:
  1) "Cardiometabolic risk factors in Ecuadorian adults." Approbation Bioethics Committee: 2019-067-HE-1-10 CPIC. Budget: U$ 8.340,92 (2018 – Present; Polytechnic School of Chimborazo - Ecuador);
  2) "Effect of *Spirulina platensis* on nutritional status and biochemical parameters in Ecuadorian school children." Project number: L13364. Budget: U$ 19.979,00 (2015 – 2016; PUCE - Ecuador);
  3) Associate Researcher Volunteer at the Museum of Zoology of the Section of Herpetology, participating in the project "Systematics of *Rhinella margaritifera*" under the mentorship of Dr. Santiago Ron (2010 – 2020; PUCE - QCAZ - Ecuador).

Biology Lecturer **2013-2014**
Faculty of Environment - International University SEK (Quito, Ecuador) www.uisek.edu.ec
- Teach the following courses: Ecology 1 and 2; Vegetal Physiology; Bioethics; Ecology in the Master Environmental Management.

Professor Assistant & Fellow **2007-2009**
Federal University of Pernambuco (UFPE), Department of Zoology and Oceanography (Recife, Brazil)
www.ufpe.br

- Teach the Data Analysis II course at the bachelor's degree in Biological Sciences.
- Collaborate in a research project as a fellow "Ethnoecology and environmental awareness of communities related to fishermen in Candeias, Jaboatão dos Guararapes (PE)," supervised by Professor Maria Elizabeth de Araújo.

Biostatistics & Research Methods Lecturer **2015 – in progress**
Autonomous (Quito, Ecuador; Recife, Brazil)

- Teach the following courses: Methodology of Observational Research in Health and Biostatistics, Applied Statistics in Scientific Research.

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- Independent consultant for the development of scientific projects and articles.

Volunteer work

Ministry of Public Health Ecuador
Participation as member *ad honorem* of the COVID-19 Research Ethics Committee (April 2020-October 2021).

Peer Reviewer
- Peer Reviewer of the Journal RISTI (2019).
- Peer Reviewer of the Journal PLOS ONE (2022).

Project Assistant **2009**
Southern African Foundation for the Conservation of Coastal Birds – SANCCOB (Cape Town, South Africa) https://sanccob.co.za/
- Volunteer student in the SANCCOB project, working as an assistant in the Intensive Care Unit and managing seabirds.

Project Assistant **2009**
Inkwenkwesi Conservation - IC – (Eastern Cape, South Africa) https://tinyurl.com/y4ds3uag
- Volunteer student in the project Inkwenkwezi Conservation, which was based on identifying plants, animals and their ecological relationship in the Private Game Reserve.
- Study soil erosion and the local environment

Project Assistant **2006**
Rural Federal University of Pernambuco (Recife, Brazil)
- Collaborate in a doctoral project: "A study on dolphin behaviour in Pernambuco, Brazil."

Academic Qualifications

PhD in Translational Biomedical Sciences **2021 – 2026**
Ohio University (USA)

Postgraduate Global Clinical Scholars Research Training **2021 – 2022**
Harvard University (USA)

Advanced Certificate in Epidemiology **2020 – 2021**
The University of Missouri (USA)

Certificate in Biostatistics **2020 – 2022**
The Institute for Statistics Education (USA)

Certificate in Statistics and Research Methods **2016 – 2017**
Hispanic Society of Scientific Researchers, SINCIE (Peru)

Graduate Diploma in Teaching and Research Methods **2015 – 2016**
Hispanic Society of Scientific Researchers, SINCIE (Peru)

Master of Science in Biodiversity in Tropical Areas and Conservation **2011 – 2013**
Menéndez Pelayo International University, UIMP (Spain)

Bachelor of Science in Biology/Environmental Sciences **2005 – 2009**
Federal University of Pernambuco, UFPE (Brazil)

Published Articles

PUBLICATIONS, PEER REVIEWED

1. QUINTEROS MOSQUERA, K. P., LÓPEZ TAPIA, C. J., RUEDA GÓMEZ, C. A., SOTOMAYOR PAREDES, M. A., DOS SANTOS, S. P. L. Creencias que poseen los estudiantes de la Pontificia Universidad Católica del Ecuador acerca de la donación de órganos. Gestión del Conocimiento Perspectiva Multidisciplinaria. (4) Chapter 14. 255-268 pp. 2022
2. DOS SANTOS, S. P., PULLAS, G. HUERTAS, G., VALLEJO, J, RODRIGUEZ, M.J. Epidemiological profile of patients on the waiting list for renal transplant in Military Hospital in Quito, Ecuador. Transplantation Reports. 6 (3), 100075. 2021
3. CEVALLOS MARTÍNEZ, G. F., ZHIMINAICELA CABRERA2, J. B., FERNÁNDEZ GONZALES, M. F., DOS SANTOS, S. P. L. El tema de la donación de órganos en Facebook: análisis de la fanpage del INDOT de Ecuador. RISTI Journal. 351–360. 2020
4. DOS SANTOS, S. P. L., RUEDA GOMEZ, C. A., FERNÁNDEZ-GÓMEZ, M. J., MARTÍN-VALLEJO, J. Knowledge, attitudes and beliefs on organ donation among students and lecturers in Quito, Ecuador. European Journal of Public Health, Volume 30, Issue Supplement_5. 2020
5. DOS SANTOS, S. P. L., CEVALLOS, G. Promoting organ donation on Twitter platform: exploratory analysis in Ecuador. RISTI, 351–360. 2020
6. DOS SANTOS, S. P. L., FERNÁNDEZ-GÓMEZ, M. J., MARTÍN-VALLEJO, J, HAJJAR, W. M. Brazilian and Ecuadorian social media users: A study of knowledge, attitudes, and beliefs toward organ donation. AXIOMA. 18-24. 2020
7. FERRÃO, M., LIMA, A. P., RON, S., DOS SANTOS, S. P. L., J HANKEN, J. New Species of Leaf-litter Toad of the *Rhinella margaritifera* Species Group (Anura: Bufonidae) from Amazonia. Copeia 4 (108), 778–795. 2020
8. CRUZ-PIERARD, S. M., ZURITA-BAQUERO, J. F., SAMUEL OLEGARIO IÑIGUEZ-JIMÉNEZ, S. O., DOS SANTOS, S. P. L., ESTRELLA-PROAÑO, A. C. Composición corporal en relación con la ingesta calórica y de macronutrientes. Polo del Conocimiento 5 (10), 937-947. 2020
9. VÁSCONEZ PAREDES, S. A., MALDONADO PACHECO, B. P., DOS SANTOS, S. P. L**.** Seguridad Alimentaria y su relación con factores socioeconómicos de las familias con integrantes que padecen discapacidad intelectual. EDUCATECONCIENCIA. Vol. 28 No. 29. 2020 (In print)
10. DOS SANTOS, S. P., IBANEZ, R. RON, S. Systematics of the *Rhinella margaritifera* complex (Anura: Bufonidae) from western Ecuador and Panama with insights in the Biogeography of Rhinella alata. ZooKeys (Online), 501: 109–145, 2015.
11. DOS SANTOS, S. P. L., SANTOS, E. M. Anurofauna da Reserva Particular do Patrimônio Natural Frei Caneca, município de Jaqueira, estado de Pernambuco, Brazil In: Herpetologia no estado de Pernambuco.1 ed. Brasília: IBAMA MMA, 2011, v.1, p. 187-198. ISBN: 97885.

PUBLICATIONS, REPORTS

1. SANTOS, S. P. L., SANTOS, E. M. *Hypsiboas exastis.* Geographic Distribution. Herpetological Review. v.41, p.375 - 375, 2010.
2. SANTOS, S. P. L., SANTOS, E. M. *Hypsiboas semilineatus* (SNC). Albinism. Herpetological Review. v.41, p.474 -474, 2010.
3. SANTOS, S. P. L., SANTOS, E. M. *Gastrotheca pulchra*. Geographic Distribution. Herpetological Review. v.40, p.445 - 445, 2009.

PUBLICATIONS IN PROGRESS

- SUENY P. L. DOS SANTOS, ILANA R. CHERTOK, & ZELALEM T. HAILE. The influence of quality of antenatal care on early breastfeeding initiation and exclusively breastfeeding among Haitian (in discussion).
- RIKA TANDA, SUENY P. LIMA DOS SANTOS, ILANA AZULAY CHERTOK & WILLIAM BROACH. Pilot Study of the Association of Infant Intestinal Microbiome, Breastfeeding, and Maternal Smoking to the JOGNN Journal.
- DOS SANTOS, S. P. L., FERNÁNDEZ-GÓMEZ, M. J., MARTÍN-VALLEJO, J. Factors associated with organ donation in Ecuadorian university students and professors: a cross-sectional study to the Transplantation Proceedings.
- DOS SANTOS, S. P., RON, S. A new species of the *Rhinella margaritifera* group (Anura: Bufonidae) from Ecuadorian Amazon to the PLOS ONE.
- MOREJÓN TERÁN, J. A., ABRIL ULLOA, S. V., DOS SANTOS, S. P., CARPIO ARIAS, T. C. The study of Cardio-metabolic risk factor in Ecuadorian adults. EFRICA-EC: Study design and sample to the BMC Public Health.

- DOS SANTOS, S. P.L. et al. Effects of Kidney Transplant on Cardiovascular Risk Factors: A Systematic Review and Meta-Analysis to the *Transplantation Proceedings.*

PRESENTATIONS AND POSTERS

- Present more than 20 conferences about my research at more than 10 universities in Ecuador, Brazil, and online in South Korea, Italy, Mexico. The majority published in their abstract journals.

In 2021 and 2022:

1. **ASM Microbiome (June 9-13, 2022)**
Sueny Paloma L. dos Santos, MS & Ilana R. Chertok, PhD, RN, IBCLC. Dysbiosis of neonatal gut microbiota associated with gestational diabetes mellitus: A review

2. **Consortium of Universities for Global Health (March 28-April 1, 2022)**
Sueny P. L. dos Santos, MS, Ilana R. Chertok, PhD, RN, IBCLC & Zelalem T. Haile, PhD, MPH.The influence of quality of antenatal care on early breastfeeding initiation and exclusively breastfeeding among Haitian women

3. **11 º Congresso Brasileiro de Epidemiologia. (November 22-26, 2021)**
Sueny Paloma L. dos Santos, MS, Fernández-Gómez, PhD, M. J., Martín-Vallejo, PhD, & J, Hajjar, W. M, PhD. Fatores associados a doação de órgãos em usuários de redes sociais do Brasil e do Equador.

Courses

- Introduction to causal inference, 11º Congresso Brasileiro de Epidemiologia **2022**
- Nutrition and Health: Human Microbiome, Wageningen University & Research **2021**
- Systematic Review and Meta-analysis, Campinas State University **2020**
- Systematic Review, Cochrane Belgium **2020**
- Training "Virtual learning environments", Pontifical Catholic University of Ecuador, 120h **2020**
- Analysis and Visualization of Data and Storytelling with PowerBI, In Work, 6h **2020**
- Fundamentals of Probability, Ecuadorian Statistical Association, 60h **2020**
- Writing in English, Ohio University, 8h **2019**
- Advanced Writing, University of California **2019**
- IELTS **–** English certificate, overall score 7, British Council **2019**
- Applied Statistics in Biomedical Research, International Center for Medical Research Colombia, 96h **2019**
- Publishing in English, Ohio University, 40h **2019**
- Introduction to Big Data, University of California San Diego **2018**
- Introduction to Systematic Review and Meta-Analysis, Johns Hopkins University **2018**
- Neurolearning for teachers, Pontifical Catholic University of Ecuador, 40h, **2017**
- Moodle, Pontifical Catholic University of Ecuador, 40h, **2017**
- R Course for Conservation Biology, Bocaina Institute Brazil, 40h, **2016**
- Basic Programming in Software R, Ecuador National Polytechnic School, 40h **2016**
- Experimental Design and Statistical Analysis, Ecuador National Polytechnic School, 24h **2016**
- Biostatistics Applied to Conservation, Ecological Research Institute Brazil, 40h **2011**

Special Activities

Global Health Nutrition **2020**
Seoul National University (Online, South Korea)
- Invited speaker to explain my research related to the health area.

I International Forum Data Analysis **2020**
The University of Colima, CIEMA (Online, Mexico)
- Invited speaker to explain about my researchers related to health area using quantitative approaches.

II International Congress of Food and Human Nutrition – CIANH. **2019**
Polytechnic School of Chimborazo (Riobamba, Ecuador)
- Invited speaker to explain the application of statistics in Human Nutrition.

I International Seminar on Nutrition and Health **2018**

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North Technical University (Ibarra, Ecuador)
- Invited speaker to present scientific and statistical research in the health area: a critical approach.

First Conference on Scientific Research at the Faculty of Nursing **2018**
Pontifical Catholic University of Ecuador (Quito, Ecuador)
- Invited speaker to explain on the topic "How to lie with statistics."

Scholarships and Awards

Ohio University (Athens, United States of America) **2021**
- Research assistantship granted by Ohio University for four years.

Pontifical Catholic University of Ecuador (Quito, Ecuador) **2020**
- Award from the Association of Professors of the Pontifical Catholic University of Ecuador, which named the best PUCE researchers in the year 2020.

Scholarship & Fellowship (Madrid, Spain; Quito, Ecuador) **2011**
- Scholarship and Fellowship granted by the Superior Council of Scientific Investigations, in Spain, pursue one year of the Master's degree at Menéndez Pelayo International University, with an agreement between Spain and Ecuador.

Federal University of Pernambuco, UFPE (Recife, Brazil) **2008**
- Scholarship to be a professor assistant of the Data Analysis II course at the bachelor's degree in Biological Sciences;
- Scholarship to participate in the project "Ethnoecology and environmental awareness of communities related to fishermen in Candeias, Jaboatão dos Guararapes (PE)."

References available upon request