

# PAULO TADEU MEIRA E SILVA DE OLIVEIRA

Purpose: Research, Teaching and Consulting in Statistics, Mathematics or Quantitative Methods for Biostatistics or Epidemiology.

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## REGISTRATION DATA

- *Home Address: 279 Maria Paula Street, Apt 1112.*
- *Zip code: 01319-001 - São Paulo – SP – Brazil (055xx11)3106-7760 (Home)*
- *Business Address 400 Trabalhador São-carlense Avenue, (São Carlos School of Enginee) Zip code 13566-590 Arnoold Schimid.*  
*(055xx16) 3373-9215 São Carlos – SP*  
*Mobile phone: (055xx11)94294-3616.*
- *Email Address: [poliver@usp.br](mailto:poliver@usp.br)*
- *Skype: paulo.tadenoliveira*
- *Marital state: single*
- *Date of birth: October 26 1961*
- *PASSPORT: FM602530*

Available for travel or change

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## P R O F I L E

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Practice in research using data statistical analysis in various methods for approximately 19 years and helping researchers from various fields of work in many different subjects. My participation consists of:

I – Three post-doctoral researches projects completed

- Project Statistical Methods Evaluation for archaeometric Studies with financial support by FAPESP postdoctoral internship for the period between 2008 and 2011.
- São Carlos School of Engineering, Sao Paulo University. Driver behavior analysis from data collected in naturalistic platform between June 2015 and February 2016
- São Paulo Polytechnic School of Engineering, São Paulo University. Characterization of transport demand in large urban centers: trends for the automotive market

II – Eight postdoctoral projects submitted.

- University Federal of Pernambuco, Title Comparative calibration model assuming distributions MEN and MENA awaiting approval FACEPE. Text in Portuguese.

- FMUSP – Sao Paulo University, Title: Disabilities people: A critical analysis of census results 2010 and new challenges - Structural Equation Modeling, geostatistics and disability risk.
- São Carlos Engineering School, Sao Paulo University. Driver behavior analysis from data collected in naturalistic platform (July 2015 until March 2016)
- São Carlos Engineering School, Sao Paulo University. Static Direction Simulator Use in Support for Studies on Geometric Design of Via and Driving Study (December 2016 nowadays)
- University Federal of Juiz de Fora. Title: Fit Quality and Model Selection Tests pending approval from FAPEMIG. Text in Portuguese.
- IMS NOVA of Lisbon. Title: Structural Equation Modeling, geostatistics and disability risk. Text in Portuguese.
- São Paulo Polytechnic School, University of São Paulo. Demand Characterization for Transportation in Major Urban Centers: Trends for the Automotive Market in the part: Profile / vehicles characteristics (type of propulsion (electric, hybrid, etc.), environmentally efficient, design, size, etc.) used to transport passengers in large metropolis (November-December 2016). Text in Portuguese.
- São Carlos School of Engineering, University of São Paulo/Nottingham Geospatial Institute, University of Nottingham. Monitoring the response of right bridge using multi-geodetic.

### III - Three other projects to be proposed

- Selection Models in Quantitative Traits Genetic Mapping
- Disabilities people: Critical analysis of the 2010 Census results and new Challenges
- Disabilities people: Critical analysis of the 2010 Census results and new Challenges - Structural Equation Modeling

### IV – One book published

- **OLIVEIRA, P. T. M. S.** Genetic algorithm application in epistatic gene mapping. New academic editions, São Paulo, Brazil, 2017. Text in Portuguese.

### V - Three publications of book chapters

- MUNITA, C. J. A. S.; PAIVA, R. P.; ALVES, M. A.; **OLIVEIRA, P. M. S.**; MOMOSE, E. F. Chemical characterization of Brazilian prehistoric ceramics by INAA. In: M. Rossbach. (Org.). In: Nuclear Analytical Techniques in Archaeological Investigations, Chapter 5. **Technical Reports Series 416(1):89—97.** Vienna: AIEA, 2003. Text in English.
- NUNES, K. P.; MUNITA, C. S.; NEVES, E. G.; TAMANAHA, E. K.; OLIVEIRA, P. T. M. S. Caracterización química de cerámicas del sitio Hatahara, Amazonia, Brasil. In: Román Padilla Álvarez (Org.). In: Instituto Nacional de Patrimonio Cultural, Chapter 4. **Serie Estudios 1(4):54—72.** Quito: INPC, 2011. Text in Spanish.
- MUNITA, C. S.; TOYOTA, R.G.; NEVES, E.G.; DEMARTINI, C. C.; SCHAAN, D.P.; **OLIVEIRA, P.M.S.** Chemical Characterization Marajoara pottery. In: M. Rossbach. (Org.). In: Nuclear Techniques for Cultural Heritage Research, Chapter 7. **IAEA Radiation Technology 2(7):133—146.** Vienna: AIEA, 2011. Text in English.

VI - 21 articles in international journals

- MUNITA, C. J. A. S.; PAIVA, R. P.; ALVES, M. A.; **OLIVEIRA, P. M. S.**; MOMOSE, E. F. Contribution of neutron activation analysis to archaeological studies. **Journal of Trace and Microprobe Techniques**, **18(3)**:381—387, 2000. Text in English.
- MUNITA, C. J. A. S.; PAIVA, R. P.; **OLIVEIRA, P. M. S.**; MOMOSE, E. F.; PLÁ, R.; MORENO, M.; ANDONIE, O.; MUNÑOZ, L.; KOHNENKAMP, I. Intercomparison among three activation analysis laboratories in South America. **Journal of Trace and Microprobe Techniques**, **19(2)**:189—197, 2001. Text in English.
- MUNITA, C. J. A. S.; PAIVA, R. P.; **OLIVEIRA, P. M. S.**; MOMOSE, E. F. Major and Trace Element Characterization of Prehistoric Ceramic from Rezende Archaeological Site. **Journal of Radioanalytical and Nuclear Chemistry**, **248(1)**:93—96, 2001. Text in English.
- MUNITA, C. J. A. S.; PAIVA, R. P.; **OLIVEIRA, P. M. S.**; MOMOSE, E. F. Provenance study of archaeological ceramic. **Journal of Trace and Microprobe Techniques**, **21(4)**:697—706, 2003. Text in English.
- MUNITA, C. J. A. S.; NASCIMENTO, A.; SCHREIBER, SUZANA B.; LUNA, S.; **OLIVEIRA, P. M. S.** Chemical study of some ceramics from Brazilian Northeast. **Journal of Radioanalytical and Nuclear Chemistry**, **259(2)**:305—309, 2004. Text in English.
- MUNITA, C. J. A. S.; SILVA, M. A.; SILVA, F. A.; OLIVEIRA, P. M. S. Archaeometric Study of Clay Deposits from the Indigenous Land of the Asurini do Xingu. *Instrumentation Science & Technology*, **33**:161—173, 2005. Text in English.
- MUNITA, C. J. A. S.; SANTOS, J. O.; VALÉRIO, M. E. G.; VERGNER, C.; **OLIVEIRA, P. M. S.** Determination of trace elements in archaeological ceramics and application of Kernel Density Estimates: Implications for the definition of production locations. **Journal of Radioanalytical And Nuclear Chemistry**, **269(2)**:441—445, 2006. Text in English.
- MUNITA, C. J. A. S.; BARROSO, L. P.; **OLIVEIRA, P. M. S.** Stopping rule for variable selection using stepwise discriminant analysis. **Journal of Radioanalytical And Nuclear Chemistry**, **269(2)**:335—338, 2006. Text in English.
- SANTOS, J. O.; MUNITA, C. S.; VALÉRIO, M. E. G.; VERGUE, C.; **OLIVEIRA, P. M. S.** Correlation between chemical composition and provenance of Justino site ceramics by INAA. **Journal of Radioanalytical And Nuclear Chemistry**, **78(1)**:185—190, 2008. Text in English.
- NUNES, K. P.; MUNITA, C. S.; VASCONCELLOS, M. B. A.; **OLIVEIRA, P. M. S.**; CROCI, C. A.; FALEIROS, F. M. Characterization of soil samples according to their metal content. **Journal of Radioanalytical And Nuclear Chemistry**, **281**:359—363, 2009. Text in English.
- SANTOS, J. O.; MUNITA, C. S.; TOYOTA, R. G.; VERGUE, C.; SILVA, R. S.; **OLIVEIRA, P. M. S.** The archaeometry study of the chemical and mineral composition of pottery from Brazil's Northeast. **Journal of Radioanalytical And Nuclear Chemistry**, **281(2)**:189—192, 2009. Text in English.
- **OLIVEIRA, P. M. S.**; MUNITA, C. S.; HAZENFRATZ, R.; Comparative study between three methods of outlying detection on experimental results. **Journal of Radioanalytical and Nuclear Chemistry**, **283(2)**:433—437, 2010. Text in English.
- NUNES, Kelly Praça; Munita, C. S.; TOYOTA, R G; **OLIVEIRA, P. M.S.**; Cano, N. F.; Schaan, D.P.; BAFFA, O; OLIVEIRA, L. C.; BRUNELLO, C. A.; NEVES, E G; DEMARTINI, C.C. Study of the firing temperature of Marajoara archaeological ceramics by EPR associated to INAA data. *Journal of Environmental Science and Engineering B*, v. 1, p. 499-509, 2012. Text in English.
- NUNES, K.P.; TOYOTA, R.G.; **OLIVEIRA, P.M.S.**; NEVES, E.G.; SOARES, E.A.A.; MUNITA, C.S. Preliminary Compositional Evidence of Provenance of Ceramics from

Hatahara Archaeological Site Central Amazonia, Journal of Chemistry, v.1, p. 1-6, 2013. Text in English.

- MUNITA, C.S.; BARROSO, LP; **OLIVEIRA, P. M. S.** Variable selection study using Procrustes analysis. Open Journal of Archaeometry, v. 1, p. 1-6, 2013. Text in English.
- ROSSETTI, D.F.; MUNITA, C.S.; **OLIVEIRA, P.M.S.** Minor and rare earth elements as paleoenvironmental markers of late quaternary sediments in Marajo island, Northern Brazil. Geochimica Brasiliensis, v. 26, p. 79-93, 2012. Text in English.
- **OLIVEIRA, P.T.M.S.** People with disabilities: some analyzes of the results of the 2010 Population Census and new challenges. Journal Mathematics and System Sciences, 4:231-243, 2014. Text in English.
- **OLIVEIRA, P.T.M.S.;** ANDRADE. M.; KRIEGER, J.E.; SOLER, J.M.P. Genetic Algorithm for mapping epistasis in controlled crosses. Issue Brazilian of Biometric, 32(1):143-157,2014. Text in English.
- **SILVA, R.C.A.;** SAIKI, M.; **OLIVEIRA, P.T.M.S.** Selenium levels in liver of Great White Egret (*Ardea alba*) from São Paulo metropolitan region, Brazil. Heron Conservation, article 10, 2015. Text in English.
- FARIAS, L.A.; FÁVARO, D.I.T., M.; **OLIVEIRA, P.T.M.S.;** BRAGA, E.S. Mercury and Methylmercury in the children hair and fish mostly consumed in Cubatão, São Paulo State, Brazil. Rev Inst Adolfo Lutz, 2014;73(2):158-168. Text in English.
- FIGUEIRA, A.C.; PITOMBO, C.S.; **OLIVEIRA, P.T.M.S.;** LARocca, A.P.C. [Identification of rules induced through decision tree algorithm for detection of traffic accidents with victims: A study case from Brazil](#). Case Studies on Transport Policy,2017, open access.

#### VII - Three articles in national journals

- **OLIVEIRA, P.T.M.S.** Desabilities people: analyzed of 2010 Census results and its evolution. Sigmae, 3(2):1-23, 2013. Text in Portuguese.
- **OLIVEIRA, P.T.M.S.** To be disabled person: risk question. Issue of Statistics UFOP, 3(2):228-253, 2014. Text in Portuguese.
- SANTOS, M.I.; **OLIVEIRA, P.T.M.S.;** LARocca, A.P.C.; JÚNIOR, F.I.K. Direction simulator: case study in Brazil. Transportes, 2017. Text in Portuguese

#### VIII - 51 abstracts at international congresses

- MUNITA, C. J. A. S.; PAIVA, R. P.; ALVES, M. A.; **OLIVEIRA, P. M. S.;** MOMOSE, E. F. Major and trace element characterization of prehistoric ceramic from Rezende archaeological site. In: **Fifth International Conference on Methods and Applications of Radioanalytical Chemistry**, Kailua-Kona, Hawaii, USA 2000, **2000(1)**:131. Text in English.
- MUNITA, C. J. A. S.; PAIVA, R. P.; MOMOSE, E. F.; **OLIVEIRA, P. M. S.** INAA of archaeological ceramic for provenance study. In: **Third International Symposium on Nuclear Analytical Chemistry**. Halifax, Canada, 2001, **2001(1)**:40. Text in English.
- **OLIVEIRA, P. T. M. S.;** BOLFARINE, H. Estimation Hypothesis Testing in Comparative Calibration. In: 46<sup>th</sup> Annual RBRAS Meeting and 9<sup>th</sup> Symposium of Applied Statistics to Agricultural Research 9<sup>th</sup> to 13<sup>th</sup>, July 2001 ESALQ USP, São Paulo, Brazil. In International Biometric Society, site: <http://www.tibs.org/RBRAS%201.htm> Text in English.
- MUNITA, C. J. A. S.; NASCIMENTO, A.; SCHREIBER, S. B.; LUNA, S. **OLIVEIRA, P. M. S.** Chemical study of some ceramics from Brazilian Northeast. In: **7th**

**International Conference on Nuclear Analytical Methods in the Life Sciences**, Antalya, Turkey, 2002, **2002(1)**:196. Text in English.

- MUNITA, C. J. A. S.; **OLIVEIRA, P. M. S.**; NEVES, E. G.; SOARES, E.; PETERSEN, J. B. Compositional analysis and source of raw materials of archaeological ceramics. In: **First International Meeting on Applied Physics**, Badajoz, Spain, 2003, **2003(1)**:556. Text in English.
- **OLIVEIRA, P. T. M. S.**; MUNITA, C. S. A. Influence of the critical value for detecting outliers in archaeometry. In: 48<sup>th</sup> Annual RBRAS Meeting and 10<sup>th</sup> Symposium of Applied Statistics to Agricultural Research 7<sup>th</sup> to 11<sup>th</sup>, July 2003 UFLA, Lavras, Brazil. In International Biometric Society, site: <http://www.tibs.org/48thRBRAS.htm>. Text in English.
- SANTOS, J. O.; MUNITA, C. S.; VERGNER, C.; SANT'ANNA, L. G.; **OLIVEIRA, P. M. S.**; VALÉRIO, M. Archaeometric study using INAA and X-ray diffraction in ceramic and clay samples from provenience studies. In: **11<sup>th</sup> International Conference 'Modern Trends in Activation Analysis'**, 2004, Guildford, U K, **2004(1)**:112. Text in English.
- MUNITA, C. S.; BARROSO, L. P.; **OLIVEIRA, P. M. S.** Selection of variables in data analysis preserving multivariate data structure. In: **11<sup>th</sup> International Conference 'Modern Trends in Activation Analysis'**, 2004, Guildford, U K, **2004(1)**:139. Text in English.
- MUNITA, C. S.; SANTOS, J. O.; VERGNE, C.; **OLIVEIRA, P. M. S.**; Instrumental neutron activation analysis for characterization of ancient ceramics from Xingó, Brasil. In: **1<sup>st</sup> International Nuclear Chemistry Congress (1<sup>st</sup> – INCC)**, 2005, Kusadasi, Turkey. Text in English.
- TOYOTA, R. G.; MUNITA, C. J. A. S.; NEVES, E. G.; LUZ, F. A.; **OLIVEIRA, P. M. S.** Preliminary study of chemical compositional data from Amazon ceramics. In: **International Nuclear Atlantic Conference, INAC**, VII National Meeting on Nuclear Applications, VII ENAN, 2005. Santos-SP, Brazil, CD Rom. Text in English.
- MUNITA, C. J. A. S.; SANTOS, J. O.; VALÉRIO, M. G.; VERGNE, C.; **OLIVEIRA, P. M. S.** Determination of trace elements in archaeological ceramics and application of Kernel density estimates. In: **8th International Conference on Nuclear Analytical Methods in the Life Sciences**, 2005, Rio de Janeiro, **2005(1)**:8. Text in English.
- MUNITA, C. J. A. S.; BARROSO, L. P.; **OLIVEIRA, P. M. S.** Stopping rule for variable selection using stepwise discriminat analysis. In: **8th International Conference on Nuclear Analytical Methods in the Life Sciences**, 2005, Rio de Janeiro, **2005(1)**:59. Text in English.
- **OLIVEIRA, P. T. M. S.**; SOLER, J. M. P. Select of Genetics Models Using BIC. In: 50<sup>th</sup> Annual RBRAS Meeting and 11<sup>th</sup> Symposium of Applied Statistics to Agricultural Research 4<sup>th</sup> to 8<sup>th</sup>, July 2005 UEL, Londrina, Brazil. In International Biometric Society. Text in English.
- MUNITA, C. J. A. S.; NEVES, E.; TOYOTA, R.; **OLIVEIRA, P. M. S.**; Chemical characterization of Marajoara pottery by INAA. In: **36<sup>th</sup> International Symposium on Archaeometry**, 2006, Quebec City, Canada, **2006(1)**:235. Text in English.
- NUNES, K. P.; TOYOTA, R. G.; MUNITA, C. J. A. S.; **OLIVEIRA, P. M. S.**; NEVES, E. G.; SOARES, A L R. The utilization of trace chemical composition to correlate ceramics with clay deposits. In: **International Nuclear Atlantic Conference**, Santos, SP, 2007. International Nuclear Atlantic Conference - INAC/ENAN, **2007(1)**:1—6. Text in English.

- **OLIVEIRA, P. T. M. S.**; SOLER, J. M. P.; PEREIRA, A. Epistasis Model Selection Using the Genetic Algorithm. In: **3 X meeting**, 2007, Centro de Convenções Rebouças, São Paulo-SP, no período de 1 a 3 de novembro, **1**:149. Text in English.
- MUNITA, C. J. A. S.; TOYOTA, R. G.; **OLIVEIRA, P. M. S.**; NEVES, E. G.; DEMARTINI, C. C. Tempering effect in ceramics chemical analysis by INAA. In: **9th International Conference on Art**, Jerusalem, 2008. 9th International Conference on Art, **2008(1)**:1—6. Text in English.
- SANTOS, J. O.; MUNITA, C. S.; **OLIVEIRA, P. M. S.**; VERGNE, C.; TOYOTA, M. Chemical and mineralogical ceramics from Xingó. In: **9th International Conference Nuclear Analytical Methods in the Life Sciences, 2008, Lisbon, Portugal, 2008(1)**: A154. Text in English.
- NUNES, K. P.; MUNITA, C. S.; CROCI, C. A.; TOYOTA, R. G.; **OLIVEIRA, P. M. S.**; FALEIROS, F. M. Spatial distribution of metal contents in soil. In: **9th International Conference Nuclear Analytical Methods in the Life Sciences, 2008, Lisboa, Portugal, 2008(1)**: A159. Text in English.
- **OLIVEIRA, P. M. S.**; MUNITA, C. S.; HAZENFRATZ, R.; Comparative Study on Methods of Outlying Data Detection in Experimental Results. In: **International Atlantic Conference, INAC, IX International Atlantic Conference, IX ENAN, 2009**. Rio de Janeiro-RJ, Brazil, CD Rom. Text in English.
- NUNES, K. P.; MUNITA, C. S.; VASCONCELLOS, M. B. A.; **OLIVEIRA, P. M. S.**; CROCI, C. A.; FALEIROS, F. M. Determination of the Raw Material Source Used in the Production of Ceramics of the Hatahara Archaeological site, AM. In: **International Atlantic Conference, INAC, IX International Atlantic Conference, IX ENAN, 2009**. Rio de Janeiro-RJ, Brazil, CD Rom. Text in English.
- HAZENFRATZ, R.; MUNITA, C. S., **OLIVEIRA, P. M. S.** Preliminary Characterization of Ceramics from the Lago Grande Archaeological Site in the Central Amazon by INAA. In: **International Atlantic Conference, INAC, IX International Atlantic Conference, IX ENAN, 2009**. Rio de Janeiro-RJ, Brazil, CD Rom. Text in English.
- MUNITA, C. J. A. S.; **OLIVEIRA, P. M. S.**, Variable selection using Procrustes analysis with stopping rule in archaeometric studies. In: 38th International Symposium on Archaeometry, 2010, Tampa. 38th International Symposium on Archaeometry, 2010. v. 1. p. 1-15. Text in English.
- **OLIVEIRA, P. M. S.**; MUNITA, C. J. A. S. Comparative study among three methods of the imputation. In: XVIII Annual Congress of the Portuguese Statistical Society, 2010, São Pedro do Sul. From September 29 to October 2, 2010. v. 1. p. 173-175, text in Portuguese.
- **OLIVEIRA, P. M. S.**; MUNITA, C. J. A. S. Application of neural networks in archaeometrical data. In: XXV International Biometric conference, 2010, Florianópolis-SC. From December 5 to 10, 2010, cd-room. Text in English.
- **OLIVEIRA, P. T. M. S.**; MUNITA, C.S., Comparative studies of the Biplot and Multidimensional Scaling Analysis in experimental data. In: 58<sup>th</sup> ISI World Statistics Congress in Dublin, 2011, Dublin, Ireland, From August 21 to 26, 2011. Text in English.
- NUNES, K.P.; TOYOTA, R.G; MUNITA, C.S.; SCHAN, D.P.; **OLIVEIRA, P.M.S.**; NEVES, E.G.; DEMARTINI, C.; FILHO, O.B.; OLIVEIRA, L.C.; BRUNELLOS, C.A. Study of the firing temperature of Marajoara archaeological ceramics by electron paramagnetic resonance associated to INAA data. In: Third International Nuclear Chemistry Congress, Città Del Mare (Palermo), Italy. From September 18 to 23, 2011. Text in English.

- **OLIVEIRA, P. M. S.**; HAZENFRATZ, R. Comparative study among outlying detection Methods and two transformations in experimental data. In: **International Atlantic Conference, INAC**, X International Atlantic Conference, X ENAN, 2011. Belo Horizonte-MG, Brazil, CD Rom. Text in English.
- HAZENFRATZ, R.; MUNITA, C. S.; **OLIVEIRA, P. M. S.** Variable Selection using Procrustes Analysis for an INAA Compositional Study in the Central Amazon. In: **International Atlantic Conference, INAC**, X International Atlantic Conference, X ENAN, 2011. Belo Horizonte-MG, Brazil, CD Rom. Text in English.
- RIBEIRO, R. B.; MUNITA, C. S.; **OLIVEIRA, P. M. S.**; NEVES, E. G.; TAMAHARA, E. K. A preliminary study of archaeological ceramics from the São Paulo II archaeological site by INAA. In: **International Atlantic Conference, INAC**, X International Atlantic Conference, X ENAN, 2011. Belo Horizonte-MG, Brazil, CD Rom. Text in English.
- SILVA, R.C.A.; SAIKI, M.; **OLIVEIRA, P. M. S.** Selenium levels in liver of great egret (*Ardea alba*) In: International Atlantic Conference, INAC, X International Atlantic Conference, X ENAN, 2011. Belo Horizonte-MG, Brazil, CD Rom. Text in English.
- **OLIVEIRA, P. M. S.** The perspective s of people with disabilities in terms of education and work. In: First International Symposium on Disabilities Studies, 2013, Novotel Jaraguá Hotel. São Paulo-SP, Brazil, 1:67. Text in English.
- **OLIVEIRA, P. T. M. S.** People with disabilities: analysis of the results of the results of the 2010 and its evaluation. In: **58 RBRAS/15 SEAGRO**, 2013. From July 22 to 26, 2013, Campina Grande-PB, Brazil, 42. Text in English.
- **OLIVEIRA, P. T. M. S.** People with disabilities: some analyzes of the results of the 2010 Population Census and new challenges. In: 59<sup>th</sup> ISI World Statistics Congress in Hong Kong, 2013, Hong Kong, China, From August 25 to 30, 2013. Text in English.
- **OLIVEIRA, P. M. S.** Prople disabilities: question of risk. In: XXVII International Biometric conference, 2014, Florence-Italy. From July 6 to 11 2014, cd-room. Text in English
- **OLIVEIRA, P. M. S.** Comparative study of factor scores and principal components in archaeometry data. In: XXVII International Biometric conference, 2014, Florence-Italy. From July 6 to 11 2014, cd-room. Text in English
- **OLIVEIRA, P.T.M.S.** Disabled persons: census of IBGE, RAIS statistics and law of quotas in quantitative terms which may have not been considered. In IX International Conference on Teaching Statistics, 2014, Flagstaff, Arizona, USA. From July 13 to 18.
- **OLIVEIRA, P. T. M. S.** Disabilities people: Investigation with use of the stereotype ordinal regression, variables and models selection for Brazil and São Paulo, Distrito Federal and Roraima states. In: 60<sup>th</sup> ISI World Statistics Congress in Rio de Janeiro, 2015, Rio de Janeiro, Brazil, From July 25 to 31, 2015. Text in English.
- **SILVA, R.C.A.**; SAIKI, M.; **OLIVEIRA, P.T.M.S.** Study of trace elements in liver of great egret (*Aldea alba*) from metropolitan Region of São Paulo: a preliminary assessment of temporal trends (2006-2011). In: International Atlantic Conference, INAC, XII ENAN 2015, Rebouças convention center, São Paulo-SP. Text in English.
- **OLIVEIRA, P. T. M. S.**, Comparative study between races. In: Procedings of the 2015 IASC Satellite for the ISI Conference, 2015, Búzio, Rio de Janeiro, Brazil. From august 2 to 4. Text in English.

- [OLIVEIRA, P. T. M. S.](#) STUDY, IN STATISTICAL TERMS, THE HOUSING CONDITIONS FOR DISABILITIES PEOPLE. In: XXVIII International Biometric conference, 2016, Victoria-Canada, from July 10 to 15, cd-room. Text in English.
- [OLIVEIRA, P. T. M. S.](#) STRATIFIED SAMPLING: A CASE STUDY. In: XXVIII International Biometric conference, 2016, Victoria-Canada, from July 10 to 15, cd-room. Text in English.
- [OLIVEIRA, P. T. M. S.](#) Application selection methods of structural equation models with transformation log base 10 and compositional method on experimental data. In: XXVIII International Biometric conference, 2016, Victoria-Canada, from July 10 to 15, cd-room. Text in English.
- [OLIVEIRA, P. T. M. S.](#) COMPARATIVE STUDY AMONG OUTLYING DETECTION METHODS AND THREE TRANSFORMATIONS IN EXPERIMENTAL DATA. In: XXVIII International Biometric conference, 2016, Victoria-Canada, from July 10 to 15, cd-room. Text in English.
- [OLIVEIRA, P. T. M. S.](#) People with disabilities: risk issue from logistic regression application polytomic and under epidemiological view. In: XXVIII International Biometric conference, 2016, Victoria-Canada, from July 10 to 15, cd-room. Text in English.
- [OLIVEIRA, P. T. M. S.](#) Visually impaired: knowing a reality in numbers for better management. In: XXVIII International Biometric conference, 2016, Victoria-Canada, from July 10 to 15, cd-room. Text in English.
- [OLIVEIRA, P. T. M. S.](#) Visually impaired: knowing a reality in numbers for better management. In: XXVIII International Biometric conference, 2016, Victoria-Canada, from July 10 to 15, cd-room. Text in English.
- [OLIVEIRA, P. T. M. S.](#); LAROCCA, A.P.C.; FIGUEIRA, A. C.; SANTOS, M.I. Traffic accident victims and after effects in Brazil: disabled people. In: I Latin Conference on Statistical Computing (LACSC) 2016, Gramado-RS, Brazil, from July 22 to 24, cd-room. Text in English.
- [OLIVEIRA, P. T. M. S.](#) Disabilities people and unitholders races: comparative studies in Brazil with diagrams tree uses. In: 61<sup>th</sup> ISI World Statistics Congress in Marrakech, 2017, Moroccos, From July 16 to 21, 2017. Text in English.
- [OLIVEIRA, P. T. M. S.](#) Studies on statistical housing conditions for disabilities persons. In: 61<sup>th</sup> ISI World Statistics Congress in Marrakech, 2017, Moroccos, From July 16 to 21, 2017. Text in English.
- LAROCCA, A.P.C.; VIEIRA, F.S.; OLIVEIRA, P.T.M.S. Drivers' speed profile at curves under distraction task in driving simulator. In: Road Safety on five Continents. Jeju Island, South Korea 16 to 18, 2018. Text in English.



- **OLIVEIRA, P. T. M. S.**; BOLFARINE, H. Maximum likelihood estimators in comparative calibration models. **In: XIV National Symposium on Probability and Statistics**, 2000, Glória Hotel, Caxambu-MG, From July 24 to 28, 2000, **2000(1)**:417. Text in Portuguese.
- **OLIVEIRA, P. T. M. S.**; BOLFARINE, H. Estimation and Hypothesis Testing Calibration Comparison. **In: 46<sup>a</sup> Annual Meeting of RBRAS/9<sup>a</sup> SEAGRO**, 2001, Piracicaba-SP, 2001. Extended text, **2001(1)**:170-173. Text in Portuguese.
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## XII - 12 papers submitted to scientific journals and which are under review

- **OLIVEIRA, P. T. M. S.** Disabilities people in terms of education and work. *Diversitas* Text in portuguese.
- [OLIVEIRA, P. M. S.](#) Prople disabilities: question of risk.
- **OLIVEIRA, P.T.M.S.** Disabled persons: IBGE Census, RAIS statistics and quotas law in quantitative terms which may have not been considered.
- **OLIVEIRA, P.T.M.S.** Visuals disabled: meeting a number in reality for better management
- **OLIVEIRA, P. T. M. S.** DISABILITIES PEOPLE: QUOTAS LAW WHICH MAY EXIST BEHIND THE RAIS STATISTICS AND CENSUS OF IBGE
- PIVA, F.J.; CAMPOS, C.I.; PANICE, N.R.; MARCOMINI, L.A.; **OLIVEIRA, P.T.S.**; LAREOCCA, A.P.C. A highway quality of service perception in a driving simulator: a case study in Brazil.
- **OLIVEIRA, P. T. M. S.** The statistics in daily life: a case study with disabled data analysis in Brazil.
- ANDRE, R.C.A.; SAIKI, M.; MOREIRA, E.G.; **OLIVEIRA, P. T. M. S.** The great egret (*Ardea alba*) as a bioindicator of trace element contamination in the São Paulo Metropolitan Region, Brazil.
- **OLIVEIRA, P. T. M. S.**; RANGEL, M.A.C.; LULIO, L.C.; RIBEIRO, R.L.; LAROCCA, A.P.C. Analysis of perception vertical highway signals in environment simulated direction in Brazil.
- TORRES, A.M.; LAROCCA, A.P.C.; KABBACH, F.I.; SANTOS, M.I.; **OLIVEIRA, P.T.M.S.** Design consistency analysis of Brazilian multiplane highway through the method of safety criteria.
- SANTOS, M.I.; **OLIVEIRA, P.T.M.S.** Steering simulator: a case study in Brazil



### XIII - Two shares in the job evaluation committee

- Participation in the review of manuscripts submitted to the International Nuclear Atlantic Conference held in Rio de Janeiro-RJ in 2009.
- Participation in the review of manuscripts submitted to the International Nuclear Atlantic Conference held in Belo Horizonte-MG in 2011.

### XIV – 49 Consulting and advisory Statistics

- Research project "Emotions perception research in music for children: development of a non-verbal means" concerning the master's thesis in Psychology at the Psychology Institute of the São Paulo University, Maria Teresa Lima in 1998.
- Research Project "Mild hypertension dietary treatment" concerning the master dissertation in Nutrition at the Public Health Faculty, São Paulo University, Monica Jorge Elias Agnes in 1999.
- Research Project "The manager at the strategic level in the oil industry in South America" on the master's thesis in Business Administration at the Economics, Accounting and Administration Faculty at the São Paulo University, Elenir Honorato Vieira in 2000.
- Research Project "A contribution to the study of the incidence of compliance costs to the tax laws and provisions: a world panorama and public companies research the costs in Brazil" on the master's thesis in Accounting and Control at the Economics, Accounting and Administration Faculty at São Paulo University, Aldo Vincenzo Bertolucci in 2001.
- Research Project "Urban Ecology: Changes study in ophidian fauna caused by urbanization in the Guarulhos municipality - São Paulo metropolitan region in the period 1916-1998" concerning the master dissertation in ecology at the Biology Institute at São Paulo University, Rita de Cássia de André in 2001.
- Research project "case-control study in two stages to analyze the main predictors of in-hospital early neonatal mortality rate of the maternity hospitals in Sorocaba" on the doctoral thesis in maternal and child health at the Public Health Faculty, at São Paulo University, Elisa Maria da Silva Brito in 2001.
- Research Project "Differentials of cardiovascular risk factors in migrant and non-migrant populations of Minas Gerais" on the doctoral thesis in Public Health concentration area: Nutrition at the Public Health Faculty, São Paulo University, Eutália AC de Araújo in 2002.
- Research Project "organizational structure Analysis Network and their negotiations in the context of strategic alliances" related to doctoral thesis in Business Administration at Economics, Accounting and Administration Faculty at São Paulo University, José Enrique Olivares Louffat in 2003.
- Research Project "Translation, adaptation and a life quality reliability assessment instrument for major psychiatric patients: Lancashire Quality of Life profile - Brazilian version" on the master's thesis on Mental Health at São Paulo Federal University – Medical Paulista School, Rosana Zuolo Coppini in 2001.
- Research project "Car users' behavior relevant aspects: a study from the perspective of sustainable consumption in the transport area" on the doctoral thesis in transportation engineering at the Polytechnic School at São Paulo University, Luis Alberto Noriega Vera in 2003.

- Research project "Nutritional status and food intake in children 7 to 10 years who practice football" on the master's thesis in Public Health concentration area: Nutrition at Public Health Faculty, São Paulo University, Patricia Magni in 2003.
- Research Project "ascorbic acid concentrations in the plasma of pregnant smokers and nonsmokers and their newly born" on the master's thesis in Public Health concentration area: Nutrition at Public Health Faculty, São Paulo University, Andreia Madruga de Oliveira in 2003.
- Research project "Human exposure evaluation to arsenic in the upper valley of the Ribeira, Brazil" on the doctoral thesis in Community Medicine at Medicine Faculty in Campinas State University, Alice Momoyo Sakuma in 2004.
- Research project "Effect of heat and low humidity on physical and functional characteristics of the starches of arracacha (*Arracacia xanthorrhiza*), sweet potato (*Ipamoea potato*) and ginger (*Zingiber officinale*)" on the master's thesis in science concentration area: Food Science and Technology at Agronomy Luiz Queiroz School at São Paulo University, Fabiana do Carmo Vieira in 2004.
- Research Project "Accounting use and finance by dental surgeons in the management of occupation - an exploratory study" on the master's thesis in Accounting and Strategic Accounting, Luciana Oliveira, Alvares Penteado University Center - UNIFECAP in 2005.
- Research project "An analysis of the use of ALM by pension funds in Brazil and a contribution to analyze the solvency risk in defined benefit plans" concerning the master's thesis in Accounting and Control at Economics, Accounting and Administration Faculty, São Paulo University, Maria Aparecida Castilho Oliveira in 2005.
- Research project "Tax planning and return on equity - research on the tax active perception consultants in São Paulo" on the master's thesis in Strategic Accounting, Renato Reis Batiston, at Alvares Penteado University Center - UNIFECAP in 2005.
- Research project "Research on the use of marketing tools for accounting firms of the São Paulo State" on the master's thesis in Strategic Accounting, Danieli Cristina Ramos Hernandes at Alvares Penteado University Center - UNIFECAP in 2005.
- Research project "Research on the students perception of the 10th course of Accounting Sciences of the Year in the São Paulo city, regarding difficulties they face at night" on the master's thesis in Strategic Accounting, Valeria Bezerra Cavalcanti Petrucci, at Alvares Penteado UniversityCenter - UNIFECAP in 2005.
- Research Project "Case study on the perception of the governing body of an Eastern multinational regarding the implementation of the requirements of the Sarbanes-Oxley Act" on the master's thesis in Strategic Accounting, José Carlos Penha at Alvares Penteado University Center - UNIFECAP in 2005.
- Research project "Evaluation of foreign subsidiaries in multinational enterprises: a case study" on the master's thesis in Strategic Accounting, Samantha Meloni at Alvares Penteado University Center - UNIFECAP in 2006.
- Research Project "technical capability analysis of financial service companies in São Paulo in advising the strategic planning process of their customers" on the master's thesis in Strategic Accounting, Edilberto Ponce Braconi at Alvares Penteado University Center - UNIFECAP in 2006.
- Research project "In vitro resistance to mineralization and fluoride retention in irradiated enamel with Er, Cr: YSGG" on the doctoral thesis of Science in concentration area at Nuclear Technology and Materials, Patricia Aparecida da Ana, Energy and Nuclear Research Institute - Municipality the Sao Paulo University in 2007.

- Research Project "The geographical companies concentration in the agribusiness flowers: an analysis of Holambra locations and Mogi das Cruzes" on the doctoral thesis of John Pedro de Castro Nunes Pereira in Production Engineering at Production Engineering Department at Polytechnic School São Paulo University in 2007.
- Research Project "Pre-colonial Great Lake area occupation, Iranduba, AM" on the master's thesis in archeology, Patricia Bayod Donatti at Archaeology and Ethnology Museum in Geography and History Institute at Sao Paulo University in 2003.
- Research Project "Archaeological sites archaeometric studies of the Lower São Francisco" on the doctoral thesis in archeology, José Osman dos Santos at Archaeology and Etymology Museum at Geography and History Institute at Sao Paulo University in 2008.
- Research project "Grimaces History: The incised edge tradition in Central Amazonia" on the doctoral thesis in archeology, Helena Pinto Lima at Archaeology and Ethnology Museum at Geography and History Institute at Sao Paulo University in 2008.
- Research project "Pleistocene deposits of the confluence of the rivers Negro and Solimões region, Amazonas" on the doctoral thesis, Emilio Soares of Geology at Geosciences Institute at São Paulo University in 2007.
- Research Project "condominiums management: accounting to reduce the information asymmetry" on the master's thesis in Strategic Accounting, João Carlos Faber Alvares Penteado University Center - UNIFECAP in 2005.
- Research Project "Archaeological Site Hatahara Archaeometric Studies" on the master's thesis of Science in Nuclear Technology applications, Area Kelly Praça Nunes at Nuclear Energy Research Institute, a government agency associated with the Sao Paulo University in 2009.
- Research project "Knowledge Attitudes of Pregnant Toward Stem Cell Blood Banking Umbilical Cord" on a work within the discipline of epidemiology, Teresa Almeida Pinto, Medical School Porto University in 2004.
- Research project "Chemical characterization of Marajoara ceramics" on the master's thesis of Science in Nuclear Technology Application Area, Rosimeiri Garibaldi Toyota at Nuclear Energy Research Institute, a government agency associated with the Sao Paulo University in 2009.
- Research Project "University Course of Physical Education and Free Time Use" as part of the dissertation in the Sciences Physical Education area, Adriana Morbin Pin at Mackenzie University Institute in 2000.
- Research project "The evolution of the differences between the American and Brazilian accounting standards: A Brazilian steel companies study." On the teacher article publishing the course of Accounting and Strategic Accounting, Dr. Elionor Farah Jreige Weffort in 2004 at Alvares Penteado University Center - UNIFECAP.
- Research project "The International Issues and the Future counters." On the publication article as part of the Master Controller and Strategic Accounting, Geni Francisca dos Santos Vanzo in 2004 at Alvares Penteado University Center - UNIFECAP.
- Research project "Nutrition education as a tool in the prevention and overweight reduction in adolescents" on the master's thesis in Public Health concentration area: Nutrition at Public Health Faculty, São Paulo University, Maria Cecilia Whatelu Paiva in 2003.
- Research Project "Dental Maturity Assessment in children with acute lymphoblastic leukemia (ALL) after treatment with chemotherapy and / or radiotherapy" on the

Dentistry specialization, Paulista Association of Dental Surgeons of Niucha Vasconcelos in 2007.

- Research Project "Study on the use of management information in strategic positioning decisions: a survey in Jau-SP shoe industry" on the master's thesis in Strategic Accounting, Nilton Cesar Carraro at Alvares Penteado University Center - UNIFECAP in 2007.
- Research project "Quality Improvement programs to TQM, the standards ISO 9000, The Six | Sigma, among others" on the post doctoral research in Production Engineering, Silvia Helena Boarin Pinto at Production Engineering Department at Polytechnic School São Paulo University in 2007.
- Research project "Comparative study on the performance of activities living daily, cognition and life quality in community institutionalized and older elderly" as part of the work completion Paulista University of Physiotherapy course for obtaining the bachelor's degree in Physiotherapy, Marina Claudia Ferreira and Paloma Ruoiz Stein in 2007.
- Research Project "launches ADRs for Brazilian companies in the North American market: valuation (abnormal) market and trading volume" on the master's thesis in Accounting, Adjarbas Neto, in Department of Economics, Management and Accountancy at Pontifical Catholic University São Paulo in 2008.
- Research project on the research work Completion of course in Applied Mathematics Ana Carolina in the Mathematics Department at Philosophy Sciences Ribeirão Preto Faculty, São Paulo University in 2010.
- Research Project "Study on the Effect of Copper and Zinc in Aechmea plant growing blanchetiana (Backer) LB Smith Application Analysis by Neutron Activation" on the master's thesis of Science in Nuclear Technology Application Area, Maria Cristina Tessari Zampieri at Nuclear Energy Research Institute, a government agency associated with Sao Paulo University in 2010.
- Research Project "The Relevance of Value Added Statement on Disclosure of Wealth Distribution" on the master's thesis in Accounting, Edilson da Silva Muniz in Department of Economics, Management and Accounting at São Paulo Catholic University Pontific in 2010.
- Research Project "Nurses' performance to mental patients at social psychiatry center at the town in Bahia" on the work of completing bachelor's program, Pollyanna Gomes nursing in Higher Education Center Guanambi-BA in 2009.
- Research Project "Study the great egret species Ardea alba (Linnaeus, 1758), for use as a bioindicator of contamination have environmental inaction, in the metropolitan São Paulo region" on the Science doctoral thesis in Nuclear Technology Application Area in Nuclear Energy Research Institute associated with São Paulo University, Rita de Cássia andré in 2013.
- Research Project "Neutrons, radiation and archeology: multianalítico case study of the tradition ceramic edge incised in the Central Amazon" on the Science doctoral thesis in Nuclear Technology Application Area on Nuclear Energy Research Institute associated with the São Paulo University, Roberto Hazenfratz-Marks in 2014.
- Research Project "Physical and chemical characteristics of sediments from the archaeological site Lapa Grande Taquaruçu, MG" master thesis in Nuclear Technology Application Area on Nuclear Energy Research Institute associated with São Paulo University, Diego Renan Giglioti Tudela in 2013.

- Research Project: “Smoking effect on cognitive performance evaluated by the Montreal Cognitive Assessment in adults over 50 years.” concerning scientific baccalaureate initiation in Medical Sciences of the Bruna Cestari in 2016.

XV – 95 short courses

- History of the Concept of the number given by Prof. Antonio Carlos Brolezzi, sponsored by the Mathematics Teaching Improvement Center of Mathematics and Statistics Institute, São Paulo University on August 23 and 30 and September 13 and 20 1990 in time from 14 to 16 hours, for a total time of 8 hours, in São Paulo, SP, Brazil.
- Computer Basic I given by Prof. Fabio Kon, sponsored by the Mathematics and Statistics Institute, São Paulo University in the period from January 2 to February 22, 1991 with a total workload of 60 hours in Sao Paulo, SP, Brazil.
- Computer Basic II given by Prof. Dr. Michael Julius Stern, sponsored by the Mathematics and Statistics Institute, São Paulo University in the period from January 7 to February 22, 1992 with a total workload of 60 hours in Sao Paulo, SP, Brazil.
- Introduction to Internet Network and Its Use given by Prof. Alexandre Bizeth, sponsored by the Mathematics and Statistics Institute, São Paulo Unbiversity on December 9 and 10 1992 a total course load of six hours, in São Paulo, SP, Brazil.
- Probabilities Calculation given by Prof. Dr. Wagner Borges de Souza, sponsored by the Mathematics and Statistics Institute, São Paulo University in the period from 06 January to 13 February 1998 with a total workload of 64 hours in São Paulo, SP, Brazil.
- Introduction to Geoestatistics. In: XIV SINAPE, from July 24 to 28 2000, Glória Hotel, Caxambu-MG, Brazil.
- Introduction to Item Response Theory. In: XIV SINAPE, from July 24 to 28 2000, Glória Hotel, Caxambu-MG, Brazil.
- Spatial Statistics with Applications in Epidemiology, Economics and Sociology taught by Prof. Dr. Renato Asuncion, during the 7th Regression Models School, held on February 12 to 14 2001 promoted by Statistics Department, São Carlos Federal University, SP, Brazil.
- Training SAS Programming I and II: Basic and Intermediate SAS and Basic Statistics in December 2001, organized by Sas Institute Brazil, São Paulo, SP totaling 14 hours of training.
- Introduction to Programming Concepts Using SAS System on December 3, 2001, sponsored by SAS Institute Brazil São Paulo, SP totaling 3 hours of training.
- Training Techniques for Applying Data Mining Using SAS Enterprise Miner on 12 and 14 December 2001, sponsored by SAS Institute Brazil São Paulo, SP totaling 14 hours of training.
- Topics in Mathematics for Statistics given by Prof. Valentine Sisko, promoted by Mathematics and Statistics Institute, São Paulo University in the period of January 03 to February 8, 2002 totaling 64 hours in Sao Paulo, SP, Brazil.

- Statistical Models Applied Human Genetics. In: XV SINAPE, from July 29 to August 2, 2002, Vacance Hotel, Águas de Lindóia-SP, Brazil.
- Decisions Bayesian Analysis. In: XV SINAPE, from July 29 to August 2, 2002, Vacance Hotel, Águas de Lindóia-SP, Brazil.
- Design and Experiments Gene Expression Analysis given by Prof. Dr. Guilherme Rosa M. Jordão sponsored by Mathematical Sciences Department (DEX) of Lavras Federal University (UFLA) within July 07 to 11 2003 Symposium on Applied Statistics Agronomic Experimentation and 48th Biometrics Region Society Annual Meeting.
- Advanced Modelling from Designed Experiments given by Prof. Steven G. Gilmour, sponsored by Mathematical Sciences Department (DEX) at Lavras Federal University (UFLA), from July 07 to 11 2003 Lavras, MG, Brazil during the Applied Statistics Agronomic Experimentation Symposium and 48th Biometrics Brazilian Society Annual Meeting.
- Design and Analysis of Two Phase Stratified Case-Control Studies taught by Prof. Dr. Norman Breslow, sponsored by Mathematical Sciences Department (DEX) of Lavras Federal University (UFLA) from July 07 to 11 2003, Lavras, MG, Brazil during Applied Statistics Agronomic Experimentation Symposium and 48th Biometrics Brazilian Society Annual Meeting Region.
- Parametric Models. In: XVI SINAPE, from July 26 to 30 2004, Glória Hotel, Caxambu-MG, Brazil.
- Applied Statistics Remote Sensing. In: XVI SINAPE, from July 26 to 30 2004, Glória Hotel, Caxambu-MG, Brazil.
- Splines, Knots, and penalties: The Craft of Smoothing, during the 9th Regression Models School, held on February 21 to 23 2005 at Hotel Fonte Colina Verde, Estancia San Pedro City, SP.
- Function Estimation in Regression Models for the 9th Regression Models School, held on February 21 to 23 2005 at Hotel Fonte Colina Verde, Estancia San Pedro, SP.
- Biometric Methods Applied to the QTLs Analysis (M1) taught by professors Dr. Rabbit, Dr. Alexandre SG and Heyder Diniz Silva, sponsored by Statistics and Applied Mathematics Department, Londrina State University (UEL) in a pubovaginal sling between July 4 and 8 2005 Londrina, PR for 11<sup>o</sup> Symposium on Applied Statistics Agronomic Experimentation and the 50th Annual Meeting Brazilian Biometrics Region Society.
- Models for Repeated Discrete Data (M4) taught by teachers Geert Molenberghs and Geert Verbeke, sponsored by Statistics and Applied Mathematics Department, Londrina State University (UEL) in pubovaginal sling between 04 to 08 July 2005, Londrina, PR for 11<sup>o</sup> Symposium on Applied Statistics Agronomic Experimentation and 50th Annual Meeting Brazilian Biometrics Region Society.
- Hasse diagrams in designed experiments: IDA to pictorial thinking about blocking, stratification, degrees of freedom, randomization, and variance analysis (M6) taught by Professor Rosemary Bailey, promoted by Statistics and Applied Mathematics Department, Londrina State University (UEL) in pubovaginal sling between July 04 to

08 2005, Londrina, PR, for 11<sup>o</sup> Symposium on Applied Statistics Agronomic Experimentation and the 50th Annual Meeting Brazilian Biometrics Region Society.

- Short course: Using the R statistical package, in the days of September 25 to 27 2005 given by Prof. Dr. Paulo Justiniano Ribeiro Junior in Exact Sciences Department ESALQ/USP, Piracicaba, SP.
- Introduction to Space Methods for Temporal rates, proportions and multi-state processes. In: XVII SINAPE, from July 24 to 28 2006, Glória Hotel, Caxambu-MG.
- Structures Modeling Spatial and Temporal Covariances spaces. In: XVII SINAPE, from July 24 to 28 2006, Glória Hotel, Caxambu-MG.
- Models geostatistics, sponsored by Plant Science Department and Statistics at Santa Maria Federal University (UFSM) from 23 to 27 July 2007, Santa Maria, RS, for 12<sup>o</sup> Symposium on Applied Statistics for Experimental Agronomic and 52nd Annual Meeting Brazilian Biometrics Region Society.
- Bayesian approach models for the analysis of genotype x environment interaction in plant breeding, sponsored by Plant Science Department and Statistics at Santa Maria Federal University (UFSM) from July 23 to 27 2007, Santa Maria, RS for 12<sup>o</sup> Symposium on Applied Statistics Agronomic Experimentation and the 52nd Annual Meeting Brazilian Biometrics Region Society.
- Association study between the quantitative in plant breeding characters, sponsored by Plant Science and Statistics Department at Santa Maria Federal University (UFSM) from July 23 to 27, 2007, Santa Maria, RS for 12<sup>o</sup> Symposium Agronomic and Experimentation Applied and 52nd Annual Meeting Brazilian Biometrics Region Society.
- Microarray analysis using the Bioconductor project tools. In: XVIII SINAPE, from July 28 to August 1, 2008, Fonte Colina Verde Hotel, Estância São Pedro-SP.
- Hierarchical Models. In: XVIII SINAPE, from July 28 to August 1 2008, Fonte Colina Verde Hotel, Estância São Pedro-SP.
- Generalized Birnbaum-Saunders Models Using R, promoted by the Brazilian Statistical Association (ABE) from 1 to March 4, 2009, Recife, PE during XI Regression Models School.
- Multivariate Data Analysis and Chemometrics, taught by Bent Jørgensen (University of Southern Denmark), sponsored by Exact Sciences Department ESALQ/USP, on March days 06, 13, 20 and 27, 2009 in Piracicaba - SP, totaling 16 hours.
- Hierarchical Generalized Linear Models, sponsored by Statistics Department, São Carlos Federal University (UFSCAR) within to July 27 to 31 2009, São Carlos-SP during the 54th Annual Meeting Brazilian Biometrics Region Society and 13th Symposium Applied Statistics for Agronomic Experimentation.
- Statistical Models in Meta-Analysis, sponsored by Statistics Department, São Carlos Federal University (UFSCAR) within to July 27 to 31 2009, São Carlos - SP during the 54th Annual Meeting Brazilian Biometrics Region Society and 13th Symposium Applied Statistics for Agronomic Experimentation.
- Sample size. In: XIX SINAPE, from July 26 to 30 2010, Fonte Colina Verde Hotel, Estância São Pedro-SP.

- Simulators. In: XIX SINAPE, from July 26 to 30 2010, Fonte Colina Verde Hotel, Estância São Pedro-SP.
- Statistics for Biological Networks on December 5, 2010. In: XXV International Biometric Conference, Florianópolis-SC.
- An introduction to non-parametric density estimation. In: Portuguese Statistical Society Annual Congress, 2010, São Pedro do Sul, Portugal.
- Structural Equation Modeling, 18th Summer Program at Public Health Faculty, São Paulo University, from February 7 to 11 2011.
- Graphical Models and Applications. In: RBRAS/14 SEAGRO 56, 2011, from July 25 to 29, Maringá-PR,
- Software genes with emphasis on multivariate analysis. In: RBRAS/14 SEAGRO 56, 2011, from July 25 to 29, Maringá - PR,
- Models for Hierarchical Data Sampling, short course of III School of Sampling and Research Methodology ESAMP/II International Workshop on Policy Evaluation Surveys for 2011, from 22 to 25 November, Juiz de Fora-MG.
- Survival analysis course, 19th Summer Program sponsored by Public Health Faculty, São Paulo University, from January 30 to February 3, 2012.
- Multiple Regression Analysis, 19th Summer Program Public Health Faculty, University of São Paulo, from January 30 to February 10, 2012.
- Multilevel Models, 19th Summer Program Public Health Faculty, São Paulo University, from January 6 to February 10, 2012.
- A Consideration of Sampling in Longitudinal Data Complex Analysis. In: RBRAS 57, 2012 from May 5-9, Piracicaba-SP.
- Mixed Models Using R. In: RBRAS 57, 2012 from 5-9 May Piracicaba-SP.
- Statistical Modeling for Credit Risk. In: XX SINAPE, from July 30 to August 3, 2012, Tambaú Hotel, João Pessoa-PB-SP.
- Computational Models in Statistical Inference. In: XX SINAPE, from July 30 to August 3, 2012, Tambaú Hotel, João Pessoa-PB, Brazil.
- Introduction to Bayesian Statistics. In: RBRAS/15 SEAGRO 58, 2013 from July 22 to 26, Garden Hotel, Campina Grade-PB.
- The AMMI Methodology: With Application to Breeding). In: RBRAS/15 SEAGRO 58, 2013 from 22 to 26 July, Garden Hotel, Campina Grade-PB.
- Course in Non-Linear Regression Models. In: RBRAS/15 SEAGRO 58, 2013 from July 22 to 26, Garden Hotel, Campina Grade-PB.
- Bayesian Statistics with Applications in Categorical Data and Survival. In: RBRAS/15 SEAGRO 58, 2013 from July 22 to 26, Garden Hotel, Campina Grade-PB.
- ISI/RSS Author Workshop: Getting your paper published, In: 59th ISI World Statistics Congress in Hong Kong from August 25 to 30 2013, Hong Kong, China.



- Sampling methods Analysis: methods and practices, short course of IV School Sampling and Research Methodology ESAMP/III International Workshop on Surveys for Policy Evaluation, 2013, November 5-8, Brasilia University, totaling six hours, Brasília-DF.
- IX Statistical meeting, 2013, on December 14, São Paulo-SP and workshop "A view of Big Data."
- Closed Workshop "Risk Evaluation": a new methodology for risk management (BM & F Bovespa), 2013 on July 13, São Paulo-SP.
- Survival Analysis Application in Health area. In: RBRAS 59, 2014 From May 19 to 21, UFOP-MG.
- Statistical methods for Geographical Disease Surveillance. In: RBRAS 59, 2014 From May 19 to 21, UFOP-MG.
- Statistical modeling for operational risk. In: XXI SINAPE, 2014. From July 20 to 25, Praimar Hotel, Natal-RN.
- Bootstrap. In: XXI SINAPE, 2014. From July 20 to 25, Praimar Hotel, Natal-RN.
- Focus on Bayesian models for item response theory. In: XXI SINAPE, 2014. From July 20 to 25, Praiamar Hotel, Natal-RN.
- Particle Filtering and Smoothing for Sequential Bayesian Computation. In: XXI SINAPE, 2014. From July 20 to 25, Praimar Hotel, Natal-RN.
- Epidemiology I. In: Statistics and Mathematics Institute, January 20 to 27, 2015, São Paulo-SP.
- Epidemiology II. In: Statistics and Mathematics Institute, January 29 to February 5, 2015, São Paulo-SP.
- Regression models Log Symmetrical R. **In: XIV Regression Models School**, 2015, from March 2 to 5, Convention Center, UNICAMP, Campinas-SP, Program and Abstracts, Brazilian Statistical Association, **2015(1)**, cd rom v.1.
- Structural equations analysis: theory and practice. In: **60 RBRAS/16 SEAGRO**, 2015, From July 20 to 24, Matarazzo Cultural Center, Presidente Prudente - SP.
- Variance analysis for experiments with spatial dependence between plots:> autoregressive and geostatistical approach. In: **60 RBRAS/16 SEAGRO**, 2015, From July 20 to 24, Matarazzo Cultural Center, Presidente Prudente - SP.
- Special Topics in multivariate analysis. In: **60 RBRAS/16 SEAGRO**, 2015, From July 20 to 24, Matarazzo Cultural Center, Presidente Prudente - SP.
- Intermediate R Programming Masterclass: Towards High-Performance Computing with R. In: **60 RBRAS/16 SEAGRO**, 2015, From July 20 to 24, Matarazzo Cultural Center, Presidente Prudente - SP.
- Exploring the Flexibility of the Joint Linear Model - Applications in Gene Mapping. In: **60 RBRAS/16 SEAGRO**, 2015, From July 20 to 24, Matarazzo Cultural Center, Presidente Prudente - SP.

- Mixed Linear Models in the sensory data analysis and consumer studies using Sensmixed package R. In: **60 RBRAS/16 SEAGRO**, 2015, From July 20 to 24, Matarazzo Cultural Center, Presidente Prudente - SP.
- Preparing students for the workforce constructing and implementing meaningful data practicum capstone experience for students. In: 60<sup>th</sup> ISI World Statistics Congress in Rio de Janeiro, 2015, Rio de Janeiro, Brazil, from July 25 to 31 2015.
- National Statistical Officers' productivity. In: 60<sup>th</sup> ISI World Statistics Congress in Rio de Janeiro, 2015, Rio de Janeiro, Brazil, from July 25 to 31 2015.
- Statistical National System, public programs management and statistical production based on administrative registers. In: 60<sup>th</sup> ISI World Statistics Congress in Rio de Janeiro, 2015, Rio de Janeiro, Brazil, from July 25 to 31 2015.
- What do we do about the literacy. In: 60<sup>th</sup> ISI World Statistics Congress in Rio de Janeiro, 2015, Rio de Janeiro, Brazil, from July 25 to 31 2015.
- How young statistician's associations help in raising statistical awareness, empowering and qualifying young statisticians to lead the statistical work in the future. In: 60<sup>th</sup> ISI World Statistics Congress in Rio de Janeiro, 2015, Rio de Janeiro, Brazil, July 25 to 31 2015.
- Data mining, Machine Learning, and Business Analytics. In: 60<sup>th</sup> ISI World Statistics Congress in Rio de Janeiro, 2015, Rio de Janeiro, Brazil, July 25 to 31, 2015.
- Tools for missing data and sensitivity analysis. **61 RBRAS/16 SEAGRO**, 2016, May 23 to 25 de Stelamaris, Salvador – BA, Brazil.
- How do you compare the models? What criteria do you know? Learn what your options are and know the L measure. **61 RBRAS/16 SEAGRO**, 2016, May 23 to 25 de Stelamaris, Salvador – BA, Brazil.
- Dimensionality reduction - applications to genomics. **61 RBRAS/16 SEAGRO**, 2016, May 23 to 25 de Stelamaris, Salvador – BA, Brazil.
- Modeling ordinal categorical data. In: XXII SINAPE, 2016, July 24 to 29, Plaza São Rafael Hotel, Porto Alegre-RS
- Bayesian inference for Poisson processes and application reliability. In: XXII SINAPE, 2016, July 24 to 29, Plaza São Rafael Hotel, Porto Alegre-RS
- Bayesian methods for biomedical research. In: XXII SINAPE, 2016, July 24 to 29, Plaza São Rafael Hotel, Porto Alegre-RS
- Double generalized linear models. In: XXII SINAPE, 2016, July 24 to 29, Plaza São Rafael Hotel, Porto Alegre-RS
- Business intelligence for case analyzes. In: XXII SINAPE, 2016, July 24 to 29, Plaza São Rafael Hotel, Porto Alegre-RS
- Machine Learning in Geoscience and Remote Sensing. **In: XV Regression Models School**, 2015, from March 26 to 29, Mercure Hotel, Goiânia-GO.

- Construction of weights and treatment of influential units in surveys. In: 61<sup>th</sup> ISI World Statistics Congress in Marrakech, Morocos, 2017, from July 13 to 15.
- Modernising Official Statistics with the Common Statistical Production Architecture. In: 61<sup>th</sup> ISI World Statistics Congress in Marrakech, Morocos, 2017, from July 13 to 15.
- Modeling using NLA. In: **62 RBRAS/17 SEAGRO**, 2017, from July 24 to 28, University Federal of Lavras, Lavras – MG, Brazil.
- Multivariate Covariance Generalized Linear Models for the Analysis of Experimental Data. In: **62 RBRAS/17 SEAGRO**, 2017, from July 24 to 28, University Federal of Lavras, Lavras – MG, Brazil.
- Bootstrap methods for data with spatial dependence: applications in Geostatistics. In: **62 RBRAS/17 SEAGRO**, 2017, from July 24 to 28, University Federal of Lavras, Lavras – MG, Brazil.

XVI– Two participations in Project Reports for the Applied Statistics Center (CEA) in Mathematics and Statistics Institute, São Paulo University

- BOTTER, D. A.; GABRIEL, A. E. P. A., OLIVEIRA, P. T. M. S. Report statistical analysis, RAE - CEA - 9604, about the project ecophysiological aspects of wood anatomy in tree and shrub species in the riparian forest of Rio Mogi Guacu-SP, during first semester of 1996, under the coordination of Prof. Dr. Denise Aparecida Botter for the Applied Statistics Center (CEA) in Mathematics and Statistics Institute (IME), São Paulo University (USP), São Paulo, SP. Text in Portuguese.
- ARTES, A. and FERNANDES, R. A., OLIVEIRA, P. T. M. S. Report statistical analysis, RAE - CEA - 9613, on the project said Morbidity in families of District Health Butantan and the relationship with their ways of working and living during the second semester 1996, under the coordination of Prof. Dr. Rinaldo Artes Applied Statistics Center (CEA) Mathematics and Statistics Institute (IME), São Paulo University (USP), São Paulo, SP. Text in Portuguese.

XVII – One participation in another Project

- Reports SOLER, J. M. P. and OLIVEIRA, P. T. M. S. "Characterization of Landslides Slopes - Data Juiz de Fora, between 1996 and 2011" second semester of 2014 in Mathematics and Statistics Institute (IME), São Paulo University (USP), São Paulo, SP. Text in Portuguese.

XVIII – Three Participation Reports Query for Applied Statistics Center (CEA) at Mathematics and Statistics Institute, São Paulo University.

- OLIVEIRA, P. T. M. S., GABRIEL, A. E. P. A. Consultation Report on the Analysis of project hypercoagulable states in patients with portal vein thrombosis (DVT) on April 29, 1996, under the coordination of professors Carmen Diva Saldiva de André and Lisbeth Cordani Kaiselian, Applied Statistics Center (CEA) in Mathematics and Statistics Institute (IME), São Paulo University (USP), São Paulo, SP. Text in Portuguese.
- JORDÁ, P. A. W., OLIVEIRA, P. T. M. S. Consultation Report on the Evaluation of the project proliferative capacity and differentiation of granule-monocytic lineage of mice subjected to experimental protein malnutrition on June 24, 1996, under the coordination of professors Carmen Diva Saldiva de André and Lisbeth Cordani Kaiselian by Applied

Statistics Center (CEA) in Mathematics and Statistics Institute (IME), São Paulo University (USP), São Paulo, SP. Text in Portuguese.

- OLIVEIRA, P. T. M. S. Consultation Report on the Oral Health Project: Prevention practiced by pediatricians on August 5, 1996, under the coordination of professors Rinaldo Artes and Dalton Francisco de Andrade by Center of Applied Statistics Center (CEA) in Mathematics and Statistics Institute (IME), São Paulo University (USP), São Paulo, SP. Text in Portuguese.

XIX – One participation as a member in Master's degree Banking

- Oliveira, P.T.M.S.; Manzato, G.C.; Pitombo, C.S. Participação em banca de Cláudia Naizer. Methodological procedure for proposal of global and local spatial association indicators through variographic concepts. 2017. Qualification for the Master in Transport Engineering – Civil Engineering of the São Carlos Engineering School of the University of São Paulo to be held on August 9, 2017.

XX – One discipline at the post-graduation level

- Center for Study and Research in Community Health (CSRCH), Rondonia Federal University Foundation (UNIR). Epi-Info for Windows for researchers and CEPESCO laboratory and UNIR Biogeochemistry, from May 21 to 26 2006.

XXI – One short course at the graduation level

- Short course in Statistics Department, Juiz de Fora Federal University, Geostatistics in R in the Statistical Week October 18 to 19 2011.

XXII – Four participations in the PAE program.

- Sampling Technology, Statistics Department, Mathematics and Statistics Institute, with a workload of 6 hours per week during the first semester of 2000, at the undergraduate level, under the supervision of Pr. Dr. Helenus Bolfarine.
- Basic Statistics in Statistics Department, Mathematics and Statistics Institute, totaling 6 hours per week during the second semester of 2000, at the undergraduate level, under the supervision of Prof. Dr. Julia Maria Pavan Soler.
- Basic Statistics in Statistics Department, Mathematics and Statistics Institute, totaling 6 hours per week during the first semester of 2001, at the undergraduate level, under supervision of Prof. Dr. Carlos Alberto Barbosa Dantas.
- Introduction to Probability and Statistics II, Statistics in Statistics Department, Mathematics and Statistics Institute, totaling 6 hours per week during the second semester of 2001, at the undergraduate level, under the supervision of Pr. Dr. Helenus Bolfarine.

XXIII – Three lectures

- "The Role of Statistics for decision making in everyday life" at University Estadual Paulista "Julio de Mesquita Filho", Mathematical Sciences Institute, Graduate Program in Mathematics Education in Rio Claro-SP on September 15, 2009. Text in Portuguese.
- "Disabilities persons: what we find behind the inclusion", Statistics Department, Statistics and Mathematics Institute, University of São Paulo, 2014. Text in Portuguese.

- “Coffee with research and transports and short course about R”, Transport Engineer Department, Civil Engineer, São Carlos School of Engineer, University of São Paulo, 2017. Text in Portuguese.

#### XXIV - 18 monitors activities

- MAE5755 - Statistical Methods Applied to Biological Sciences, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) during second semester of 1999, at the post-graduate students under the supervision of Prof. Dr. Julia Maria Pavan Soler.
- Basic Statistics, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) 2nd semester 1992, at the undergraduate level, under the supervision of Prof. Dr. Paul Reinhardt Santana.
- MAE-122 - Introduction to Probability and Statistics II, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) 2nd semester 1993, at the undergraduate level, under the supervision of Pr. Dr. Paul Reinhardt Santana.
- MAE-114 – Statistics Basic, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) 2nd semester 1994, at the undergraduate level, under the supervision of Prof. Dr. Monica Carneiro Sandorval.
- MAE-116 - Basic Statistics, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) 2nd semester of 1994, at the undergraduate level, under the supervision of Pr. Dr. Dario Nery.
- MAE-116 - Basic Statistics, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) 2nd semester of 1996, at the undergraduate level, under the supervision of Prof. Dr. Julia Maria Pavan Soler.
- MAE-116 - Basic Statistics, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) first semester of 1997, at the undergraduate level, under the supervision of Pr. Dr. Gilberto Alvarenga de Paula.
- MAE-122 - Introduction to Probability and Statistics II, Department of Statistics, Institute of Mathematics and Statistics (IME), University of São Paulo (USP) during second semester of 1997, at the undergraduate level, under the supervision of Prof. Dr. Cláudia Monteiro Peixoto.
- MAE-151 - Statistics for the BSc Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) first semester of 1998, at the undergraduate level, under the supervision of Prof. Dr. Nelson Ithiro Tanaka and Prof. Dr. Cláudia Monteiro Peixoto.
- MAE-151 - Statistics for the BSc Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) 2nd semester 1998, at the undergraduate level, under the supervision of Prof. Dr. Nelson Ithiro Tanaka and Prof. Dr. Cláudia Monteiro Peixoto.
- MAE-315 - Sampling Technology, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) first semester 1999, at the undergraduate level, under the supervision of Prof. Dr. Heleno Bolfarine.
- MAE-317 – Experimental Design I, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) first semester 1999, at the undergraduate level, under the supervision of Pr. Dr. Maria Julia Pavan Soler.
- MAE-328 - Regression Analysis, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) first semester 2002, at the undergraduate level, under the supervision of Prof. Dr. Silvia Nagib Elian.
- MAE-327 - Experimental Design II, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) 2<sup>nd</sup> semester 2002, at the undergraduate level, under the supervision of Prof. Dr. Julia Maria Pavan Soler.
- Interest & Cia, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) XXIII summer courses 1994 from January 04 to 28.

- Combinatorial Analysis, Probability and Applications, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP), XXXV summer courses 2006 from 02 January to 10 February.
- MAE-315 - Sampling Technology, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) first semester 2015, at the undergraduate level, under the supervision of Prof. Dr. Airlane Pereira Alencar.
- MAE0330 – Multivariate Data Analyzes, Statistics Department, Mathematics and Statistics Institute (IME), São Paulo University (USP) 2<sup>nd</sup> semester 2016, at the undergraduate level, under the supervision of Prof. Dr. Julia Maria Pavan Soler.

#### XXV – Financial support for one event

- 9 ICOTS (International Conference on Teaching Statistics), Flagstaff, Arizona State, USA, 2014 from July 13-18 with CAPES financial support.

#### XXVI – Awards and distinctions

- XXVII IBC (International Biometric Conference), Florence, Italy, 2014, from July 6-11, as winner of the Awards Funds.

#### XXVII – One interviews

- **OLIVEIRA, P. T. M. S.** Interview by Radio Visibility Blind Brazil on September 09 2014 on the job "Disability: What is behind the inclusion" Available in link [https://www.wuala.com/bebetopires/M%C3%BAfica/Dr\\_Paulo\\_Tadeu\\_em\\_Entrevista\\_original.mp3/](https://www.wuala.com/bebetopires/M%C3%BAfica/Dr_Paulo_Tadeu_em_Entrevista_original.mp3/)

#### XXVIII – My principals interesting areas for to continue my research

- Study of different deficiencies in the quantitative aspect, linking the different disabilities with other variables such as education, income, housing, owning certain assets from others that might is related to the quality of life of those with people, include project proposals with respect to undergoing different entities ferment interested to obtain financial support, combining my interest to research with my personal interest by virtue of being a person with visual impairment the subnormal type.
- Genetic data modeling, including epistasis.
- Study of longitudinal data, sampling, variable selection and model selection for models in panels as project proposal to Juiz de Fora Federal University.
- Biostatistics
- Regression Models
- Generalized Linear Models
- Structural Equations Models
- Geostatistics
- Multivariate data analysis
- Data simulations

- Categorical data.
- Data mining
- Census data
- Models with errors in variables, specifically using comparative calibration models.
- Creation and study of different models that can be used as statistics application in different areas of knowledge such as Medicine, Biology, Public Health, Engineering, Social Sciences and others, including using techniques of multivariate analysis.
- Epidemiology
- Finally, other possibilities that may arise as the involvement of research.

#### XXIX - Knowledge of informatics:

- Operational Systems: Windows and Linux.
- Mathematical and Statistical Packages:
  - Epi-Info, SAS, R, Statistica, SPSS, Minitab, Maple, Mathematica, Math lab and others.
- Text Editors Mathematicians and Statistician:
  - Latex, Win edit, MikTex, Mathcad and others.
- Software of the business:
  - MSOFFICE which comprise Word, Excel, PowerPoint, Access, Publisher, Outlux, photo and similarity.
- Layout and designers programs:
  - AutoCAD, CorelDraw, designer, Adobe Photoshop and similarity.
- Programing Languages: R, SAS, C and Pascal

#### XXX – References

- 1 – Professor Júlia Maria Pavan Soler, email: [pavan@ime.usp.br](mailto:pavan@ime.usp.br)
- 2 – Professor Heleno Bolfarine, email: [hbolfar@ime.usp.br](mailto:hbolfar@ime.usp.br)
- 3 – Professor Gilberto Alvarenga de Paula, email: [giapaula@ime.usp.br](mailto:giapaula@ime.usp.br)
- 4 – Professor Lúcia Pereira Barroso, email: [lpbarroso@ime.usp.br](mailto:lpbarroso@ime.usp.br)
- 5 – Professor Ana Paula Camargo Larocca, email: [larocca.ana@usp.br](mailto:larocca.ana@usp.br)
- 6 – Professor Ana Paula Furlan, email: [afurlan@sc.usp.br](mailto:afurlan@sc.usp.br)
- 7 – Professor Cira Souza Pitombo, email: [cira@sc.usp.br](mailto:cira@sc.usp.br)

#### XXXI – My researches groups

- Geotechnology applied to Transport Engineering - GeoTrans
- Use of driving simulator to support studies on road safety

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## P R O F E S S I O N A L   E X P E R I E N C E

### E D U C A T I O N

São Paulo University  
 São Carlos School of Engineering  
 Transport Department, São Carlos – SP Brazil

*December 2016 – nowadays*

- Post doctoral stage.

Title of project of research: Static Direction Simulator Use in Support for Studies on Geometric Design of Via and Driving Study

São Paulo University  
2016

November 2016 – December

São Paulo Polytechnic School of Engineering  
Civil Engineering, São Paulo – SP Brazil

- Post doctoral stage.
- **Title of project of research:** Characterization of transport demand in large urban centers: trends for the automotive market

São Paulo University  
2016

September 2015 – February

São Carlos School of Engineering  
Transport Department, São Carlos – SP Brazil

- Post doctoral stage.
- Title of project of research: Driver behavior analysis from data collected in naturalistic platform

Nuclear Energy Researches Institute  
2012

November 2008 – February

Center Research Reactor  
São Paulo – SP Brazil

- Post doctoral stage.
- Title of project of research: Evaluation of statistical methods for archaeological studies

São Paulo University  
2008

April 2002 – August

Mathematics and Statistics Institute  
São Paulo – SP - Brazil

- Post-graduation level: Doctorate, concentration area: Statistics.
- Title: Genetic algorithms application in epistasis genes map in controlled crosses.

São Paulo University  
Mathematics and Statistics Institute  
São Paulo – SP – Brazil

March 1998 – December 2001

- Post-graduation level: Master, concentration area: Statistics.
- Title: Estimation and testing of hypothesis in comparative calibration.

São Paulo University  
Mathematics and Statistics Institute  
São Paulo – SP – Brazil

March 1990 - July 1997

- Higher education: Bachelor in Statistics.

Brasilia University

August 1986 – January 1990



**Department of Sciences of Health  
Brasília – DF - Brazil**

- Higher education: Bachelor in Medicine – course not conclusion.

**São Paulo Federal Technical School  
São Paulo – SP Brazil**

*February 1978 – December 1981*

- **High School**  
Conclusion of the second cycle

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#### A D I T I O N A L   S K I L L S

**English Culture  
São Paulo – SP - Brazil**

*August 2009 - July 2013*

- English Course – Level Advanced in course

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#### P R O F E S S I O N A L

**Banco do Brasil, SA**

*December, 1993 - July, 1997*

CESEC Líbero Badaró  
São Paulo – SP - Brazil

- Clerk  
Positions: PC maintenance, installation and configuration of the programs and software's bank system.

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#### H O B B I E S

Search and browse the internet, play chess, exploring bookstores and shopping center, explore public libraries, read books and all kinds of subjects to about walking in parks

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#### R E F E R E N C E S

Available on request.