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### **Membership**

- Philippine Statistical Association, Inc. Central Visayas (January 2022-present)
- Region VIII CHED Scholarships for Graduate Studies-Local Scholars' Association (January 2017-present)

### **Work Experience**

# Part-time Tutor- Qwizkids Tutorial and Study Center September 2019- December 2019

- Taught one-on-one advanced math tutorial classes for a grade 1 pupil for her upcoming math competition in her school.
- Specific topics are tricks on KenKen puzzles, Cryptarithms, etc.

# Part-time Tutor- Core Concepts Tutorial and Review Center September 2019- November 2019

- Handled a math tutorial class to a grade 8 and 12 students.
- For grade 8 student, topics starts from numbers and operations down to Geometry.
- For grade 12 student, turning word problems into equations, functions, down to algebra of polynomials, and etc.

## Part-time Instructor- Southern Leyte State University (SLSU)-Main Campus June 2015- December 2016

- Created Outcomes Based Education (OBE) class syllabi
- Developed TOS and lecture logs for college classes in college algebra, plane trigonometry, probability and statistics, applied industrial mathematics, criminological research and statistics, fundamentals of research with thesis proposal writing and also in general mathematics, statistics and probability and practical research 1 for K to 12 senior high school classes.
- Held classes and evaluated the student's progress
- Functioned as a member of the Area V-Research Accreditation task force of the BS in Criminology program for AACCUP Accreditation Survey Visit
- Worked as one of the personnel for statistical reports on seminar or workshop evaluation survey.
- Served as academic adviser of ICT-programming senior high school students
- Served as statistician of fourth-year criminology students for their research

#### **Work Exposure**

Statistician (undergraduate student thesis)- Southern Leyte State University- TO Campus July 2022- present

 Conducted analysis and wrote an interpretation of the data gathered for the undergraduate student group thesis

## Statistician (graduate student thesis)- private hiring from clients June 2015- present

Encoded data from questionnaire, conducted data analysis and interpreted the results.

### ArcGIS Map creator- Master and PhD (published research article) student researches January 2020- December 2021

- Made varied maps on the five study areas of mangroves in Ormoc, Leyte for client's master thesis.
- Created wide coverage maps on the published study of domestic or Philippine pigs and chickens with doi: doi.org/10.1371/journal.pone.0254299 and doi.org/10.1038/s41598-022-18904-3, respectively.

### Private Tutor- Vallecera Residence December 2017- March 2018

- Wrote and developed lessons for the tutorial class.
- Served as a mentor of the grade 6 pupil when working with her assignment and projects.
- Taught strategies to easily do mathematical calculations and helped the pupil know how to read properly and how to study for the exams.

#### **Education**

University of the Philippines, Los Baños, Laguna (2017-present)

- Major field: MS in Statistics
- Minor field: Natural Resources Conservation
- Approved final defense of the manuscript with GWA of 1.5938
- CHED K to 12 Transition Program Graduate Scholar
- Thesis: Estimation of the Mountain Green Cover Index (MGCI) in Leyte Island, Philippines using Design-based Approach (finalizing the written manuscript)
- Academic and Thesis Advisor: Dr. Consorcia E. Reaño

Visayas State University, ViSCA, Baybay City, Leyte (2011-2015)

- Graduated- BS in Statistics with GPA of 1.78
- University Honor for the first and second semester of SY 2011-2012
- Special Problem: Academic Performance of the Student Leaders in Academic and Non-academic Organizations First Semester SY 2014-2015

Grelina Osmeña Christian College, RV Fulache St., Hilongos, Leyte (2007-2011)

- Graduated- Honorable Mention
- Rank 6<sup>th</sup> in the Powerpoint Presentation during the Science Fair 2010
- Rank 3<sup>rd</sup> in the Araling Panlipunan/Sibika & Kultura School wide Quiz Bee 2009

Matalom North Central School, Matalom, Leyte (2001-2007)

### **Skills and Qualifications**

Finished Master of Science in Statistics course subjects:

Linear Models I Sampling and Sample Surveys Statistical Theory I Multivariate Statistical Methods Statistical Theory II

• Finished cognate subjects:

Buffer Zone Management
Geografial Methods in Natural Resources N

Geospatial Methods in Natural Resources Management

Special Topics-Advanced Remote Sensing

- Accomplished a special topic entitled "Vegetation Cover Delineation using Selected Image Processing Techniques in Luzon Area, Philippines". (Unpublished-2018)
- Done report about Talaytay Protected Landscape Buffer Zone Management Plan with co-author Vic and Joseph (Unpublished-2017)
- Knowledgeable about SPSS and R
- Adept knowledge on Mapping using ArcGIS and QGIS, Remote Sensing such as image classification using ENVI and composition using Google Earth Engine, and other image processing techniques
- Proficient with Microsoft Word, PowerPoint, Excel and MathType
- Skillful with Pixlr photo editor, Bannersnack for designing banners and social media platforms, and Movie Maker
- Able to communicate effectively through oral and written forms
- Related trainings, seminars/webinars, and conferences attended:
  - International Course Program South Workshop 2022 (May 24-27, 2022)
  - Let's Werk it: Oral and Visual Presentation of Research (May 19, 2022)
  - It's Gonna Be All Write: Writing the Manuscript and Getting Published (May 17, 2022)
  - Have a Date with Data: Common Statistical Analyses Used in Quantitative Research (May 12, 2022)
  - Focusing on Philippine Biodiversity: The Philippine BioGenome Project (April 29, 2022)
  - Living in Urban and Rural Areas in the Face of Climate Change (April 28, 2022)
  - The Brain and Stress: Neurobiological Correlates of the Stress Response (April 7, 2022)
  - Regulatory Framework, Institutional Structures, and Governance of Mangroves (April 7, 2022)
  - Exploring Reliable Library Resource for Enhanced Information and Research (March 14, 2022)
  - INSTAT Research Symposium-Webinar (February 28, 2022)
  - Webinar on Spatial Analysis of Area Data (October 12 & 14, 2021)
  - 22<sup>nd</sup> National Student-Faculty Conference on the Statistical Sciences (October 8-9, 2021)
  - ASEAN Data Science Explores 2021 Enablement Session (March 29, 2021)
  - Calculated Risks: Strengthening Juan and Juana's Resilience (February 26, 2021)

- The 13<sup>th</sup> Kyoto University Southeast Asia Forum, University of the Philippines-Kyoto University International Conference (January 29, 2019)
- Assessment of Neighborhood and Spillover Effects on Technical Efficiency of Irrigated Rice Farmers (November 15, 2018)
- Digital Inclusion Policy and the Digital Tools to Drive Agricultural Development in Southeast Asia (November 6, 2018)
- Data Science: An Invitation to Collaboration (October 25, 2018)
- 19th National Faculty-Student Conference on the Statistical Sciences (October 22, 2018)
- Introduction to G and Glycoproteomic Analysis using Mass Spectrometry (October 17, 2018)
- Palay, Bigas, Kanin: Faces and Places (September 27, 2018)
- Ethnobotany: Exploring Nature in Culture among Manobo Tribe in South-Central Mindanao (August 30, 2018)
- 18th National Student-Faculty Conference on the Statistical Sciences (October 16, 2017)
- Symposium- Analytics: Gearing Towards Data Driven Decisions (February 24, 2017)
- Seminar-Workshop on Enhancing Faculty Teaching Competencies, Series
   1: Learning Assessments (August 5, 2015)
- Seminar-Workshop on Student-Centered Instruction (July15, 2015)
- Leadership Training Workshop (July 5, 2014)
- Orientation Seminar-Workshop on the Use of R for Statistical Analysis (October 2013)

#### References

• Consorcia E. Reaño, Ph.D.

Affiliate Faculty, INSTAT-UPLB ICropS Director, UPLB Los Baños, Laguna Contact No. 09770123042

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• Rachell Vinculado

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