



PEARL KATHLEEN RED-ABUCAY

MATHEMATICS & STATISTICS INSTRUCTOR

ABOUT ME

A dynamic educator with extensive experience at Bato Institute of Science and Technology, Inc., specializing in Mathematics, Statistics and Research. Proven track record in enhancing student engagement and academic performance through innovative course planning and collaborative curriculum development. Skilled in research analysis and team leadership, fostering a productive learning environment



+63935-608-2425



abucaypearlred@gmail.com



Dolho, Bato, Leyte

SKILLS

- Student Engagement
- Subject matter Expertise
- Leadership and Organization
- Research Writing and Leadership
- Course Planning & Syllabus Development
- Data - Analysis and Research Mentoring
- Workshops and Seminars
- Community Engagement

EDUCATION

Master of Arts in Teaching - Mathematics

Southern Leyte State University - Main
Sogod, So. Leyte, (2024)

Certificate of Professional Education

Bato Institute of Science and Technology, Inc. Dolho,
Bato, Leyte (2022 - 18 units)

Master of Science in Mathematics

Cebu Normal University, Cebu City
(2010 - 2012 - 33 units)

Bachelor of Science in Statistics

Visayas State University - Main
VisCA, Baybay City, Leyte (2008)

Primary and Secondary Education

Bato School of Fisheries (2004)
Bato Central School (2000)

ELIGIBILITY

Professional Civil Service Eligibility Passed 2008
Civil Service Commission

WORK EXPERIENCE

College Instructor

Bato Institute of Science and Technology, Inc, Dolho, Bato

June 2013 - Present

- Taught Mathematics, Statistics, Economics, NSTP and Research subjects
- Maintained detailed records of student attendance, participation, and academic performance for accurate reporting and evaluation purposes
- Collaborated with colleagues on curriculum development, incorporating best practices for effective instruction and learning outcomes
- Served on college committees focused on improving academic programs, policies, or procedures for greater institutional effectiveness

NSTP Coordinator

Bato Institute of Science and Technology, Inc, Dolho, Bato

June 2013 - Present

- Planned and implemented the annual curricular activities
- Managed project timelines for successful completion ensuring milestones were met and deadlines were adhered
- Collaborated with Department Heads to develop strategic plans aligning with overall institutional objectives
- Entered data, generated reports and produced tracking documents.

Research and Academic Adviser

Bato Institute of Science and Technology, Inc, Dolho, Bato

June 2013 - Present

- Guided and mentored high school, undergraduate and graduate students through all phases of research, from topic selection and methodology design to data analysis and thesis completion.
- Provided comprehensive academic counseling and career guidance to students, fostering their intellectual growth and professional development.
- Facilitated the successful presentations of student research at academic conferences.
- Oversaw and evaluated numerous research projects, ensuring adherence to academic standards and research integrity.

Research and Extension Coordinator

Bato Institute of Science and Technology, Inc, Dolho, Bato

June 2013 - May 2023

- Gathered, organized, and analyzed data to support school documentations, reports and research outputs
- Initiated research and extension activities in school
- Developed and delivered workshops on research methodologies, academic writing, and ethical research practices for student and faculty researchers.

Mathematics and Statistics Instructor

Cebu Technological University, Cebu City

(November 2010 - April 2012)

- Was a Part-time Status Instructor teaching full-time in the University and also advised student theses.

Mathematics and Statistics Instructor

Visayas State University, VisCA, Baybay City, Leyte

(June 2008- October 2010)

- Was a Part-time Status Instructor teaching full-time in the University

AWARDS, TRAININGS & CERTIFICATIONS

- **PSNEI National Congress of NSTP Educators and Implementers**, Cebu City - Participant (July 2 - 4, 2025)
- **SLSU Training Workshop on the Techniques and Strategies on Extension PPAs for ITE Program** - Participant (June 18-19, 2025)
- **SLSU Training Workshop on Data Mining** - Participant (June 16-17, 2025)
- **BIST Multidisciplinary Research Congress** - Evaluator (May 5-9, 2025)
- **BIST The Voice Season 2 Singing Competition** - Judge (Apr.25, 2025)
- **BIST Faculty Loyalty Award - Recipient** (Mar.8, 2025)
- **BIST Student Debate Competition (Living in the IT Era)** - Evaluator (Dec.13, 2024)
- **DOH Regional Blood Olympics Culminating Activity** - School Representative-Awardee (Dec.5, 2024)
- **BIST Research, Development & Extension (RDE) Forum** - Evaluator (Nov. 28 - 29, 2024)
- **In-Service Training (Curriculum Mapping and Syllabus-Making OBE-Workshop)** - Participant (July 20 - 22, 2024)
- **BIST The Voice Season 1 Singing Competition** - Judge (Apr. 18, 2024)
- **BIST Basic Education Intramurals, Literary Musical Competition** - Judge (April 2, 2024)
- **Basic Education Department In-Service Training** - Participant (August 3, 2023)
- **SLSU Coaching and Mentoring Basic and Higher Education Cooperating Teachers and Supervising Local and International Schools Seminar-Workshop of Project TUDLUE** -Participant (June 21 - 23, 2023)
- **CHEDRO VIII Philippine Anti-Drugs Strategy and NSTP Summit 2023** - Participant (May 18, 2023)
- **BIST Sportsfest Literary Musical Competition** - Judge (Apr.26, 2023)
- **CHEDRO VIII 2023 NSTP Coordinators' Forum** - Participant (Feb.24, 2023)
- **BIST College In-Service Training Seminar** - Participant (January 7, 2023)
- **BIST In-Service Training (Meeting Challenges in the New Normal: Getting Productive and Knowing Digital Citizenship)** - Participant (Jan.7, 2021)
- **SLSU Training-Workshop on Establishing Research Culture** - Participant (Oct.23 - 25, 2018)
- **CHEDRO VII Forum on Campus-Based Gender Related Issues** - Participant (Oct.12, 2018)
- **BIST In-Service Training for Faculty and Staff** -Participant (Oct.24-25, 2017)
- **BIST Seminar on Classroom Research** - Participant(June 2, 2017)
- **BIST In-Service Training for the Basic Education Department** - Participant (June 1, 2017)
- **PHOENIX and SIBS Publishing - Revitalizing Teaching For NextGen Learning- Mathematics** - Participant (April 21 - 22, 2017)
- **BIST Seminar on Quality Assurance System** - Participant (Oct.25 - 26, 2016)
- **BIST Seminar on CHED's Standard for School's Academic Requirements** - Participant (June 1 - 2, 2015)
- **CHEDRO VIII NSTP Coordinators Conference** - Elected Officer (Nov. 21, 2014)
- **LGU MDRRMCO Seminar on Camp Coordination and Camp management** - Participant (June 15, 2014)
- **BIST Seminar on 21st Century Philippine Education: Innovations, Policies and Implications** - Participant (June 4-5, 2014)
- **National Research Seminar and Forum on "Empowering the Community Through Bridging Research and Extension"** - Participant (Aug. 14 -16, 2013 at Baguio City)
- **PSA Central Visayas Chapter Seminar on Logistic Regression and Cluster Analysis on Binary Data** - Participant (Nov.29, 2011)
- **20th Philippine Statistics Quiz - Cebu Technological University Coach** - (Nov.10, 2011)
- **VSU Intramural Games Song Festival** - Judge (July 21, 2010)
- **VSU Seminar-Workshop on The Filipino Educator: Building Minds and Touching Hearts** - Participant (June 17 - 18, 2010)
- **Dept. of Agriculture - ATI User's Training on Web-Based Planning, Monitoring and Evaluation System** - Participant (Mar.3, 2010)
- **VSU Teacher Training Seminar** - Participant (Oct.2 - 3, 2009)
- **Briefing and Orientation Seminar of New Instructors, Part-Timers and Graduate Teaching Assistants of VSU** - Participant (July 18 - 19, 2008)

PRESENTATIONS

- **BIST Multidisciplinary Research Congress** - Presenter (May 5, 2025)
Research Paper: "Tracer Study of BSBA Graduates of Bato Institute of Science and Technology, Inc. (2007 - 2023)"
- **BIST Basic Education Department Career Guidance Symposium** - Resource Speaker (Feb.18, 2025)
Topic: "Career Paths for Math Enthusiasts"
- **BIST Research, Development & Extension (RDE) Forum** - Presenter (Nov. 28 - 29, 2024)
Research Paper: "Needs Assessment of Brgy. Dolho and Brgy. Daanlungsod,: Identfying Priority Areas for Community Development (2023)"
- **BIST Seminar on Fostering a Research Culture in Academe** - Resource Speaker (July 19, 2024)
Topic: "Exploring the Fabric of Knowledge: Nurturing a Vibrant Research Culture in BIST for Innovation, Collaboration, and Academic Excellence"
- **SLSU Graduate School Multidisciplinary Research Congress** - Presenter (May 18, 2024)
Thesis Title: "Evaluating Key Determinants of Statistical Proficiency Among Business Students: Foundation for Designing Inquiry - Based Instructional Learning Activities"
- **BIST BSBA Livelihood and Entrepreneurial Training** - Resource Speaker (May 11, 2024)
Topic: "Enhancing Community Resilience Through Livelihood Skill and Financial Literacy Building"
- **SLSU Training-Workshop on Establishing Research Culture** - Presenter (Oct.23 - 25, 2018)
Research Paper: "Graduate Tracer Study of Bato Institute of Science and Technology, (2018)"

THESIS/ RESEARCH OUTPUTS

- *Evaluating Key Determinants of Statistical Proficiency Among Business Students: Foundation for Designing Inquiry - Based Instructional Learning Activities*
- *Development and Evaluation of an Improvised Portable Welding Positioner (2020)*
- *Needs Assessment of Brgy. Dolho and Brgy. Daanlungsod,: Identfying Priority Areas for Community Development (2023)*
- *Tracer Study of BSBA Graduates of Bato Institute of Science and Technology, Inc. (2007 - 2023)*
- *Graduate Tracer Study of Bato Institute of Science and Technology, (2018)*
- *Feasibility Study on Offering Bachelor of Science in Information Systems at BIST (2023)*
- *Feasibility Study on Offering Bachelor of Science in Criminology at BIST (2024)*
- *Feasibility Study on Offering Bachelor in Technology and Livelihood Education at BIST (2025)*
- *Statistical Quality Control Analysis of Camel's Peanut Products in Bato, Leyte (2008)*

MEMBERSHIP IN ASSOCIATION/ORGANIZATION

- **Philippine Society of NSTP Educators and Implementers (PSNEI)** - 2013 to Present
- **Bato Municipal Blood Council, Bato, Leyte** - 2024 to Present
- **Philippine Statistical Association - Central Visayas Chapter** - 2012
- **Cebu Grand Choral – Cebu Grand Cathedral**

CHARACTER REFERENCE

- **Virgelio M. Alao, Associate Prof.1** (DStat- VSU Main) - 09297971844
virgelio.alao@vsu.edu.ph
- **Veronica L. Reoma, MM.** (BIST-HRMO) - 09206814949
vltreoma@yahoo.com
- **Ma. Gina Germano, MM.** (BIST- BED Registrar) - 09466950406
gmariagina@yahoo.com