



HELEN GRACE FERRERAS ORACION

@ helengrace.oracion@vsu.edu.ph

+639073118005

Brgy. Gaas Baybay City, Leyte,
Philippines 6521-A

Skills

Laboratory Instrumentations (Excellent in UV-Vis Spectrophotometer, Atomic Absorption Spectrometer, Fourier Transform Infrared Spectrometer Analytical Balance, Soil Moisture Content Analyzer and pH meter Average: High Performance Liquid Chromatography)

Laboratory Instruments Maintenance and Calibration (Excellent in UV-Vis Spectrophotometer, Atomic Absorption Spectrometer, Fourier Transform Infrared Spectrometer Analytical Balance, Soil Moisture Content Analyzer and pH meter)

Soil Physical and Chemical Analyses

Verbal and Written Communication (English and Filipino)

Laboratory and Classroom Management

Proficient in MS Office, ChemSketch, Spartan, ChemDraw and IBM SPSS

Reference

Andresito D. Acabal, PhD - "Visayas State University Main Campus"

Professor and Thesis Adviser
aandresito@yahoo.com
09331972771

Personal Details

Date of Birth : September 9, 1996

Nationality : Filipino

Position : Instructor I

Institution : Department of Pure and Applied Chemistry
Visayas State University
: Baybay City, Leyte,

Objective

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

Professional Appointments

Department of Pure and Applied Chemistry (DoPAC) Visayas State University

Instructor

August 1,

2018 -

Present

- Educating students on Chemistry and its applications on their chosen field by applying variety of instructional techniques, including hands-on curriculum.
- Creating and revising instructional materials and course contents to facilitate and moderate classroom discussions and student centered learning.
- Evaluating and supervising student research activities and performance levels to provide reports on academic progress.
- Staying abreast of developments within Chemistry to improve curriculum, develop new research and share with colleagues and students.

Soil Research Training and Plant Analysis Laboratory - Sugar Regulatory Administration Visayas State University (Research Project Based)

Chemist

December 1,

2017 - July

31, 2018

- Performed physical and chemical analysis for soil and plant samples in compliance with the established methods and protocols.
- Performed technical laboratory functions in compliance with regulatory agencies and safety requirements.
- Repaired, calibrated and safely operated laboratory equipment to reduce costly instrument downtime.
- Established quality control measures for instrumentation and monitored data quality to operate instrument with control limits.
- Assisted the project leaders in doing literature review regarding different soil management and crop nutrition for sugarcane.
- Cleaned and organized laboratory and kept supplies well-stocked to save time, money and promote laboratory efficiency.

Education

Visayas State University Main Campus

Bachelor of Science in Chemistry

June 2013 -

June 14, 2017

Institution Philippines 6521-A
Address



Baybay National High School

2009 - 2013

Secondary Education

With Honors

Baybay II Central School

2003-2009

Primary Education

With Honors

🏆 License And Certifications

- RA 1080 Registered Chemist (October 2017)

★ ADDITIONAL ACTIVITIES

- **Sangguniang Kabataan (SK) Secretary**
Barangay Gaas SK Secretary (July 15, 2018 to August 2019)
Prepared and kept minutes of all the SK meetings
Prepared and updated all SK list, database studies, youth policies, research and registry of youth and youth organizations serving Brgy. Gaas
Keep and coordinate with the other SK Members
Organized Sk programs and activities

- **Chemical Society**
Member (2013 to 2017)
Prepared and organized activities such as chemical show
Provide tutorials for Chemistry topics

🏆 AWARDS AND HONORS

- **College Honor and Scholar**
2nd Sem S.Y. 2014-2015
Visayas State University
- **University Honor and Scholar**
2nd Sem S.Y. 2013-2014
Visayas State University
- **College Honor and Scholar**
1st Sem S.Y. 2013-2014
Visayas State University

👤 TRAININGS/SEMINARS/WORKSHOPS/CONFERENCES

- **Online Training on MOODLE Classroom Management**
On June 24, 2020 to June 26, 2020 at Visayas State University Baybay City, Leyte
- **Training - Workshop on Course Modules Production for Flexible Learning in Higher Education Institutions (HEIs)**
Webinar Series on June 11-12 & 15-19,2020
- **Echo Seminar-Workshop on Educational Technologies for 21st Century Teachers**
On July 23-24,2019 held at RDE Hall Visayas State University, Baybay City, Leyte
- **Seminar-Workshop on Open Data Kit (ODK)**
On March 7, 2019 at Department of Statistics, Visayas State University, Baybay City, Leyte

- **Asian Association of Agricultural Colleges and Universities 22nd Biennial Conference and General Assembly**
On February 21-22, 2019 at the Convention Center, Visayas State University, Visca, Baybay City, Leyte
- **45th Philippine Society of Biochemistry and Molecular Biology Annual Convention**
On November 28-29, 2018 at Grand Xing Imperial Hotel, Ilo-ilo City, Philippines
- **33rd Philippine Chemistry Congress**
On May 30-June 1, 2018 at the Philippine Convention Center, Metro Manila
- **Biogeochemistry including Quantification of Ecosystem-Level Greenhouse Fluxes Series of Lectures**
On March 13-15, 2018 at Department of Soil Science, Visayas State University, Visca, Baybay City, Leyte
- **OPSI Sugarcane Farm Management and Training**
On February 20-22, 2018 at Ormoc-HIDECO Mill District
- **Hands-on Training on Soil Chemical Analyses**
On December 12-15, 2017 at the SRA-LGAREC Soils Laboratory La Granja, La Carlota City, Bacolod

RESEARCH EXPERIENCE

- **Undergraduate Thesis Student Research Member**
Assessment of Physicochemical Parameters of the River Water in Sibugay River, Albura, Leyte
(January to July 2020)
- **Senior High School Research Project Adviser**
Production and Characterization of Starch Based Bioplastic from Sago Palm (*Metroxylon sagu* Rottb.)
(August 2019- August 2020)
- **Chemist**
SRTPAL-SRA Visayas State University Research Project Based
- **Undergraduate Student Thesis Author**
Free Radical Scavenging Activity and Nutritional Quality of Ozone-Treated Tomato (*Lycopersicon esculentum* Mill.)
Requirement for the degree of BS in Chemistry (November 2016 - May 2017)

AFFILIATIONS

- **Integrated Chemist of the Philippines**
Active Member: January 2018 to present
- **Philippine Society of Biochemistry and Molecular Biology**
Active Member: 2018 to present