

# **Certificates of Relevant Trainings and Seminars**

**International**

1. International Science and Technology for Development 2022 Forum, CSU, 14-18 Nov 2022





Republic of the Philippines  
**CARAGA STATE UNIVERSITY**  
Ampayon, Butuan city 8600, Philippines



## Certificate of Participation

This certification is given to

**AIZAMAE C. MADRIA, LEONARDO A. ESTAÑO, RUBY A. PAYLANGCO AND FFRANZCIS T. BUO**

**"Prevalence and Mean intensity of Gastrointestinal Parasite of catfish (*Clarias batrachus*) and mudfish (*Channa striata*)"**

for participating in the International Science and Technology for Development 2022 Forum (i-SciTech4Dev 2022 Forum) Scientific Poster Competition with the theme "Innovation: Future Proofing R&D-based Socio-Economic Growth" held on November 14-18, 2022, at H.E.R.O Learning Commons, Caraga State University, Ampayon, Butuan City.

Given this 18<sup>th</sup> day of November 2022 at Caraga State University, Ampayon, Butuan City, Philippines.

  
**ROMELLA SIRONAY, PH.D.**  
i-SciTech4Dev 2022 Forum  
Overall Chair

  
**ROLYN C. DAGUIL, PH.D.**  
University President

  
**ROWENA P. VARELA, PH.D.**  
Vice President for Research,  
Innovation & Extension



Republic of the Philippines  
**CARAGA STATE UNIVERSITY**  
Ampayon, Butuan city 8600, Philippines



## Certificate of Participation

This certification is given to

**JESIEL CRIS C. PAYLANGCO, JUDY ANN P. BONGCAWEL, FLORENCE JHUN F. ALMADIN, AND RUBY A. PAYLANGCO**

**"Macroinvertebrates of Lake Oro, Esperanza, Ads, Philippines"**

for participating in the International Science and Technology for Development 2022 Forum (i-SciTech4Dev 2022 Forum) Scientific Poster Competition with the theme "Innovation: Future Proofing R&D-based Socio-Economic Growth" held on November 14-18, 2022, at H.E.R.O Learning Commons, Caraga State University, Ampayon, Butuan City.

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University President

  
**ROWENA P. VARELA, PH.D.**  
Vice President for Research,  
Innovation & Extension



2. **An Introduction to Global Health. Coursera, University of Copenhagen, 13 December 2020.**



3. **Economy and Environment Group Philippines Conference: Health, Environment, and Economic Development – the Road to Recovery and Resilience (HEED the 3Rs). SEAMEO SEARCA, 19-20 November 2020.**

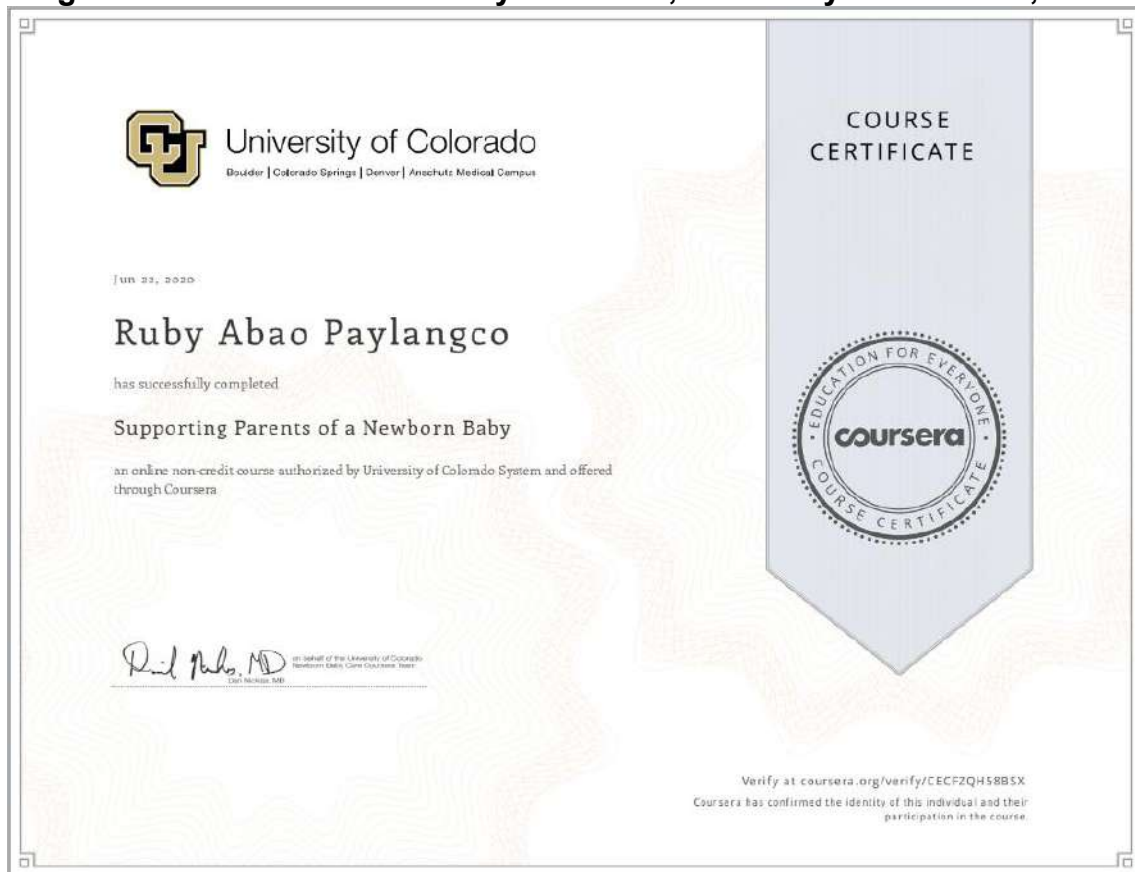


| PROGRAM OF EVENTS   |   |
|---|---|
| DAY 1 (Thursday)  |   |
| MORNING   | AFTERNOON   |
| <b>PLENARY SESSION 1</b><br>Introduction and Welcome Remarks<br>Environment: Dr. Gem B. Castillo<br>National Director, REAP-EEG<br>Philippines<br>Health: Hon. Stella Luz A. Quimbo<br>Representative, Second District of<br>Marikina<br>Economic Development:<br>Dr. Cielito F. Habito<br>Professor, Ateneo de Manila University<br>and Chairman Brain Trust: Knowledge<br>and Options for Sustainable Development<br>Inc.<br>Plenary Moderator:<br>Dr. Herminia A. Francisco<br>Adviser, Economy and Environment<br>Program for Southeast Asia (EEPSEA) | <b>BREAKOUT SESSION 1</b><br>Topic 1: One Health Approach to Agri-Food Systems<br>Topic 2: Modelling, Policy Analysis and Impact Assessment: Open Data Towards COVID-19 Pandemic Response and Recovery<br>Topic 3: Planning for Economic Recovery and Environmental Resilience Amid COVID-19 Pandemic<br><b>BREAKOUT SESSION 2</b><br>Topic 1: Livelihood and Health in the Fisheries Sector and Organizational Resilience During Pandemic<br>Topic 2: Climate Change, Health and Economic Welfare<br>Topic 3: Shaping the Policy Environment for Ridge to Reef Approaches to Development |
| DAY 2 (Friday)  |   |
| MORNING   | AFTERNOON   |
| <b>PLENARY SESSION 2</b><br>Dr. J. Prospero E. De Vera III<br>Chairperson, Commission on Higher Education<br><b>BREAKOUT SESSION 3</b><br>Topic 1: Diseases and Coastal Adaptation and Resilience<br>Topic 2: Reflections on Care and Coping During the Pandemic<br>Topic 3: Facing the Pandemic: Resilience of the small island province of Guimaras   | <b>PLENARY SESSION 3</b><br>Honorable Vice President Maria Leonor G. Robredo<br>Conference Statement/Resolution<br>Closing Remarks:<br>Dr. Pham Khanh Nam<br>Director, Economy and Environment Partnership for Southeast Asia (EEPSEA Partnership)  |
| <a href="#">VIEW FULL CONFERENCE PROGRAM</a>  |   |

- The World Environment Day 2020 introductory webinar on “BUILDING WITH NATURE FOR PEOPLE AND NATURE IN THE PHILIPPINES”. Wetlands International Philippines Program, 22 June 2020.



5. Supporting Parents of a New Born Baby. Coursera, University of Colorado, 22 June 2020.



6. Tropical Parasitology: Protozoans, Worms, Vectors, and Human Diseases. Coursera, Duke University, 13 June 2020.





7. The 4<sup>th</sup> University Consortium Graduate Forum (UCGF), SEARCA SEAMEO, Sustainable Development of Tropical Resources: Issues, Challenges, and Recommendations. Universitas Brawijaya, Malang, Indonesia, 18-19 September 2018.



International Conference on Green Agro-Industry and Bioeconomy  
18-20 September 2018, Malang - Indonesia

CONFERENCE PROGRAMME  
PLENARY SESSION

DAY 1: 18 SEPTEMBER 2018, VENUE: WIDYALOKA CONVENTION HALL

| TIME   | PROGRAMME   |
|--|---|
| 07:30-08:20  | Registration  |
| 08:20-08:30  | Opening:<br>Traditional Dance   |
| 08:30-08:33  | Welcome Ceremony<br>- Indonesian National Anthem  |
| 08:33-08:55  | Opening Speech:<br>• Chairman of the conference/ Dean of Faculty of Agricultural Technology Universitas Brawijaya/ FKPTTPI<br>• SEARCA Representative<br>• PERMI Representative<br>• Rector of Universitas Brawijaya<br>Certificate award ceremony for Keynote Speakers |
| 08:55-09:00  | Invocation  |
| PLENARY SESSION<br>Chair/Moderator: Prof. Dr. Ir. Harijono, M.App.Sc |   |
| 09:00-09:20  | Session 1 - Ir. Mastur, MSc PhD (Head of the Center for Agricultural Biotechnology and Genetic Resources Research (BB Biogen) Indonesia)  |
| 09:20-09:40  | Session 2<br>Prof. Patricia Rayas Duarte (Oklahoma State University, USA)<br>Topic: Key Aspects of Food Innovation: Global and Local Cases  |
| 09:40-10:10  | Panel Discussion (30')  |
| 10:10-10:30  | Coffee break  |
| PLENARY SESSION<br>Chair/Moderator: Dr. Ir. Joni Kusnadi, M.Si       |   |
| 10:30-10:50  | Session 3<br>Prof Kazuhito Fujiyama (Osaka University, Japan)<br>Topic: Production of human $\beta$ -glucocerebrosidase by root culture of <i>Nicotiana benthamiana</i>   |


21








8. International Conference on Food and Agriculture. Department of Agriculture and Economics – UPLB, 2-3 March 2017.



**CARAGA STATE UNIVERSITY**  
 P.O. Box 165, Ampayon, Butuan City, Philippines 8600  
 Tel. No. (6385) 342-3047, Fax No. (6385) 342-1079  
 URL: <http://www.normisist.edu.ph>

**T.O. No.** 2017-018 **Travel Order** **Date:** February 22, 2017  
**Name/s:** **RUBY A. ABAO**  
**Destination:** UP, Los Baños, Laguna.  
**Departure Date:** March 1, 2017  
**Arrival Date:** March 4, 2017  
**Purpose:** presenter during the International Conference.  
**Source:** ( ) General Fund ( ) Trust Fund ( ) Others:  
 ( ) School Vehicle ( ) Others:  
**Means of Transportation:**

Any cash advance drawn on this travel should be immediately liquidated within (30) days after your return from travel. Failure to liquidate with this period will result in suspension of your salary in accordance with COA Circular No. 96-004.

**Recommending Approval:**   
**ESAMEL M. PALUGA, PhD**  
 Dean, College of Arts and Sciences

**Approved:**  
**ANTHONY M. PENASO PhD**  
 President

**By:**   
**ROWENA P. VARELA, PhD**  
 Vice President for Research and Extension



## International Conference on FOOD AND AGRICULTURE

Department of Agricultural and Applied Economics  
University of the Philippines Los Baños

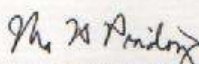
This is to certify that

*Ruby A. Abao*

served as

*Paper Presenter*

during the 2017 International Conference on Food and Agriculture with the theme "Sharing Knowledge Creating Solutions: Capacitating Stakeholders of Agriculture for Future Earth" held from 2-3 March 2017 at the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), College, Los Baños, Laguna, Philippines.

  
DR. MA. EDEN S. PIADOZO  
Conference Convenor  
Chair, DAAE

  
DR. ISABELITA M. PABUYON  
Dean  
CEM-UPLB



9. 7th ASEAN Congress of Tropical Medicine and Parasitology (ACTMP), and 3rd International Conference on Molecular and Clinical Aspects of HIV-AIDS, Tuberculosis, and Malaria. Malang Indonesia, 17-19 May 2016.





**10. Successful completion of Training on Molecular Diagnosis of Parasites at the Department of Parasitology, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia, 19-29 October 2015.**



21 February 2018

To whom it may concern

Dear Sir/Mdm,

**Successful Completion Of Molecular Training At The Department Of Parasitology,  
Faculty Of Medicine, University Of Malaya, Kuala Lumpur, Malaysia**

This is to acknowledge that Ruby A. Abao has successfully completed the molecular training under my supervision at the Department of Parasitology, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia between October 19-29, 2015.

Yours sincerely,

A handwritten signature in black ink, appearing to be "Yvonne Lim Ai Lian".

Professor Dr. Yvonne Lim Ai Lian  
Department of Parasitology  
Faculty of Medicine  
University of Malaya  
50603 Kuala Lumpur  
MALAYSIA



DR. FERNANDO C. SANCHEZ JR.  
Chancellor  
University of the Philippines Los Banos

Through: Associate Professor Dr Zurainee Mohamed Nor  
Acting Head  
Department of Parasitology

  
PEMANGKU KETUA  
JABATAN PARASITOLOGI  
FAKULTI PERUBATAN  
UNIVERSITI MALAYA  
50603 KUALA LUMPUR

Dear Chancellor Sanchez:

I am delighted to extend an official invitation for some graduate students (MS Zoology, major in Parasitology) of the University of the Philippines Los Banos from October 19-29, 2015 at the Parasitology Laboratory of the University of Malaya, in Kuala Lumpur, Malaysia. The students will undergo short training course on molecular diagnosis of parasites. Dr. Paller, has made prior arrangements for the students to observe and have first-hand experience on various techniques for diagnosis which could be useful for their research topics. The students are the following:

1. Shiela A. Babia
2. Leanne Jay S. Manceras
3. Ruby A. Abao

I am looking forward to a potential avenue for UP and UM to venture into future research collaborations in support of the ASEAN 2015 research agenda.

Thank you.

Best regards,

  
Professor Yvonne Ai Lian Lim  
Department of Parasitology  
Faculty of Medicine  
University of Malaya  
50603 Kuala Lumpur  
Malaysia

Tel: 603 7967 4748  
Fax: 603 7967 4754

cc: Dr. Vachel Gay V. Paller  
Institute of Biological Sciences  
University of the Philippines Los Banos  
Laguna, Philippines 4031

Jabatan Parasitologi, Fakulti Perubatan, Universiti Malaya,  
50603 Kuala Lumpur, Malaysia  
Tel : (603) 7967 4746 / 7967 4745 Fax : (603) 7967 4754



11. Japan-East Asia Network of Exchange for Students and Youths "JENESYS Programme".  
Japan International Cooperation Center (JICE), 3-10 March 2015.






# Entry Form for JENESYS 2.0 Science and Technology ( 24<sup>th</sup> Batch)

Reg. No. \_\_\_\_\_

## 1. Personal Information

\* Please fill in the form in BLOCK LETTERS in English.

|   |  |                           |   |   |
|---|--|---------------------------|---|---|
|  | Name   |                           | Full Name (Exactly the same as your passport)<br>English  |   |
|   | Given name (English)   |                           | Family Name (English)   | Middle Name (if any) (English)  |
|   | RUBY   |                           | ABAO  | ALBACIETE   |
|   | Full Name (in Mother language)   |                           | Nickname (Please specify the name you would like to be called)  |   |
| RUBY A. ABAO  |  | BABY                      |   |   |
| Date of Birth   | Day/Month/Year 24 / NOVEMBER / 1988  |                           | Age (as of the day of the flight to Japan)  | 26  |
| Nationality   | FILIPINO   |                           | Sex   | <input type="checkbox"/> M <input checked="" type="checkbox"/> F            |
| Religion  | <input type="checkbox"/> Buddhist <input checked="" type="checkbox"/> Christian ( <input checked="" type="checkbox"/> Roman Catholic <input type="checkbox"/> Protestant <input type="checkbox"/> Other)<br><input type="checkbox"/> Hindu <input type="checkbox"/> Muslim <input type="checkbox"/> Others ( ) |                           |   |   |
| Mother Tongue   | FILIPINO TAGALOG   |                           | Marital Status  | <input checked="" type="checkbox"/> Single <input type="checkbox"/> Married |
| Passport**  | Number   |                           | Type of Passport  |   |
|   | EB5443930  |                           | <input checked="" type="checkbox"/> Private <input type="checkbox"/> Diplomat <input type="checkbox"/> Official |   |
|   | Date of Issue  |                           | Date of Expiry  |   |
| (Day) 22 (Month) MAY 2012   |  | (Day) 21 (Month) MAY 2017 |   |   |
| Address   |  |                           |   |   |



**National**

1. The Mindanao Regional Scientific Meeting 2021, theme: Covid-19 Pandemic: Learning from the Past, Coping with the Present, Moving to the Next. DOST NAST, Day 2, 28 April 2021

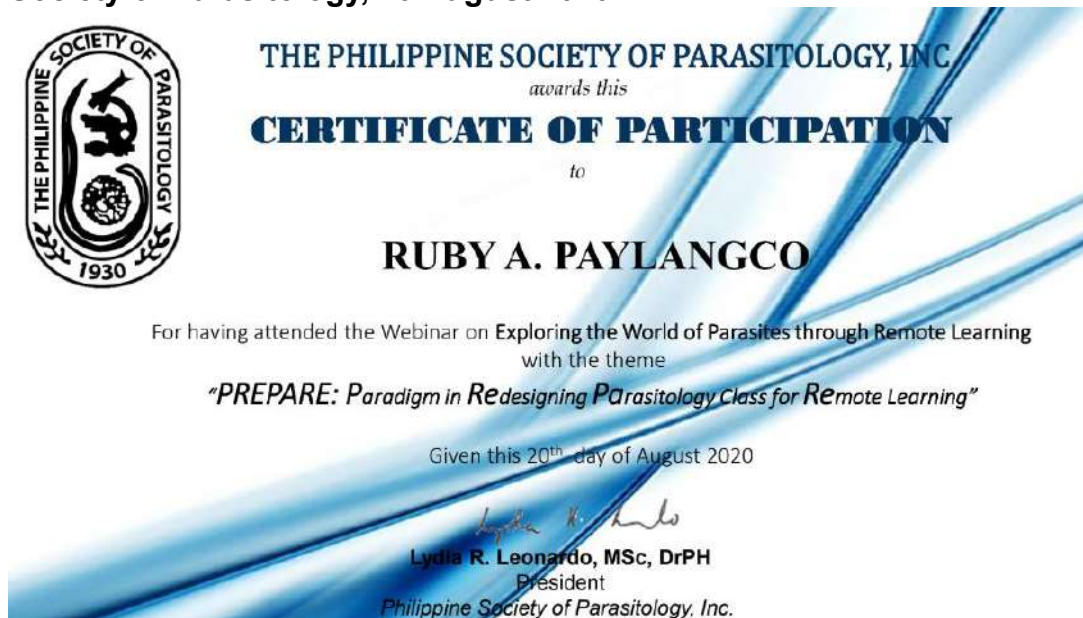


2. The Conduct of the NRCP Membership Promotion Caravan thru NSTEP Mindanao Cluster I. DOST NRCP, 9 March 2021 via zoom.





3. Exploring the World of Parasites through Remote Learning with the theme “PREPARE: Paradigm in Redesigning Parasitology Class for Remote Learning”, The Philippine Society of Parasitology, 20 August 2020.



4. 42<sup>nd</sup> Annual Scientific Meeting. Science and Technology for Society: Solutions to Long-Standing Concerns. DOST NAST, 10 July 2020, 10:00am-3:00pm.



5. 42<sup>nd</sup> Annual Scientific Meeting. Science and Technology for Society: Solutions to Long-Standing Concerns. DOST NAST, 10 July 2020, 10:00am-5:00pm.



6. Ocean Acidification hosted by the Philippine Association of Marine Science (PAMS), 26 June 2020



7. Agusan Marsh Platinum Anniversary National Conference, Almont Inland Resort, Butuan City, 12 November 2019.





8. 5-Day Training Course on Quantitative and Spatial Parasitology: Spatial Dimensions and Its Application in Epidemiology and Ecology. Institute of Biological Sciences, UPLB, 1-5 July 2019.







**Travel Order**

T.O. No. **00111-142-2019**

Date: May 29, 2019

Name/s:

**RUBY A. ABAO**

Destination: University of the Philippines Los Baños at UPLB, Laguna.

Departure Date: June 30, 2019

Time: 6:00am

Arrival Date: July 6, 2019

Time: 6:00pm

Purpose: attend a 5-day training course on "Quantitative and Spatial Parasitology: Spatial Dimensions and its Application in Epidemiology and Ecology".

Source: ( ) General Fund ( ) Trust Fund (x) Others: CAS-RAF HigherEd

Means of Transportation: ( ) School Vehicle ( ) Others:

Any cash advance drawn on this travel should be immediately liquidated within (30) days after your return from travel. Failure to liquidate with this period will result in suspension of your salary in accordance with COA Circular No. 96-004.

Recommending Approval:

Approved:

**ESAMEL M. PALUGA, PhD**  
 Dean, College of Arts and Sciences

**ANTHONY M. PENASO, PhD**  
 University President

By:

**ROLANDON M. PALUGA, PhD**  
 Vice President for Academic Affairs



**INSTITUTE OF BIOLOGICAL SCIENCES**  
**COLLEGE OF ARTS AND SCIENCES**  
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 Philippines  
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 Fax Number: (+63) (49) 536-2893  
 Email: ibs@uplb.edu.ph



**CERTIFICATE OF APPEARANCE**

This is to certify that Mr./Ms. **RUBY ABAO - PATLANGCO** has attended the TRAINING COURSE ON QUANTITATIVE PARASITOLOGY: Applications in Epidemiology and Ecology on 1 – 5 July 2019 at the IBS-Symbiosis Bioinformatics Conference Room AGA Wing, Institute of Biological Sciences, UP Los Baños, College 4031 Laguna.


**VACHEL GAY V. PALLER**  
 Training Coordinator

9. DOST-ASTHRDP Graduate Scholars' Conference Year 7: Big Data for Big Science. PICC Pasay City, Metro Manila, 18-19 June 2018.





**10. One Health: Reduction of Neglected Tropical Diseases Through Sustainable Partnerships. The Philippine Society of Parasitology, 10<sup>th</sup> Scientific Meeting, Royal Mandaya Hotel, Davao City, 7-8 June 2018.**



 Republic of the Philippines  
**CARAGA STATE UNIVERSITY**  
Ampayon, Butuan City 8600, Philippines  
COLLEGE OF ARTS AND SCIENCES

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Email address: [cp@carsu.edu.ph](mailto:cp@carsu.edu.ph)

   
Certificate No: AJA17-1018  
ISO Certified University

**Travel Order**

T.O. No. QVPA-PD-2018 Date: May 17, 2018

Name/s: **RUBY A. ABAO**

Destination: Royal Mandaya Hotel, Davao City.

Departure Date: June 6, 2018 Time: 7:30am

Arrival Date: June 10, 2018 Time: 4:30pm

Purpose: **presenter during the 10<sup>th</sup> Philippine Society of Parasitology, Inc. (PSP)-Scientific Meeting.**

Source: ( ) General Fund ( ) Trust Fund ( / ) Others: **CAS-RAF-travel**

Means of Transportation: ( ) School Vehicle ( ) Others:

Any cash advance drawn on this travel should be immediately liquidated within (30) days after your return from travel. Failure to liquidate with this period will result in suspension of your salary in accordance with COA Circular No. 96-004.

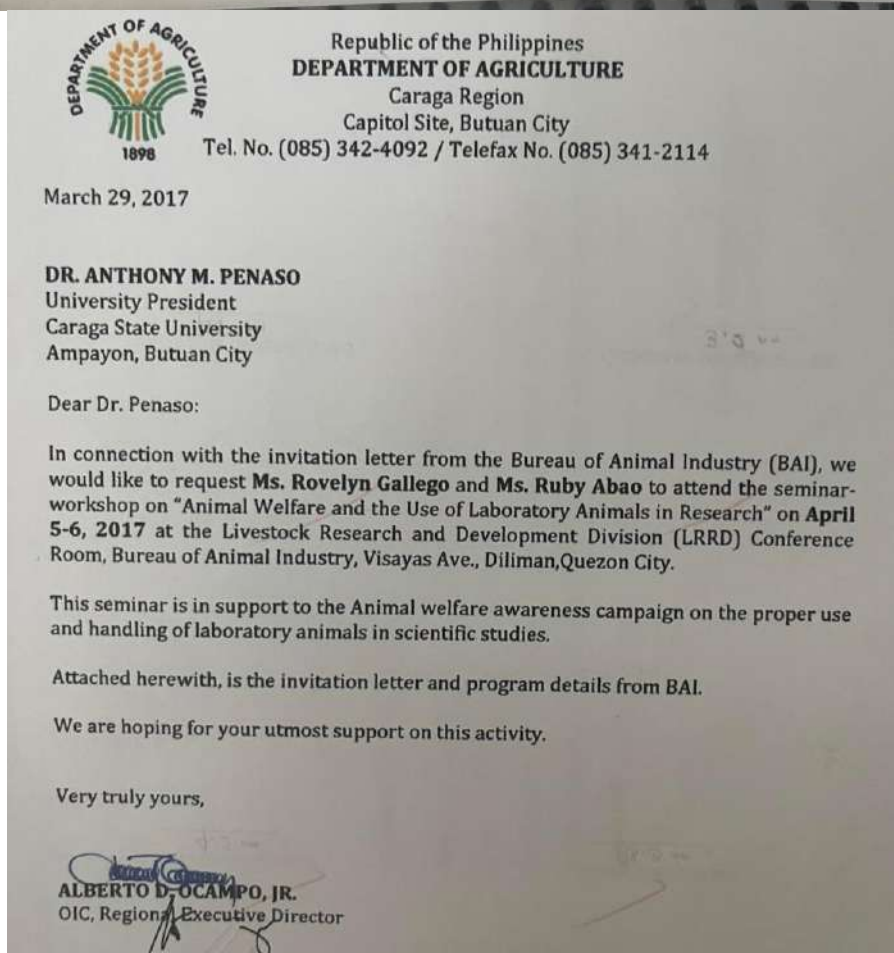
Recommending Approval: *E. M. Paluga*  
**ESAMEL M. PALUGA, PhD**  
Dean, College of Arts and Sciences

Approved:  
**ANTHONY M. PENASO, PhD**  
President

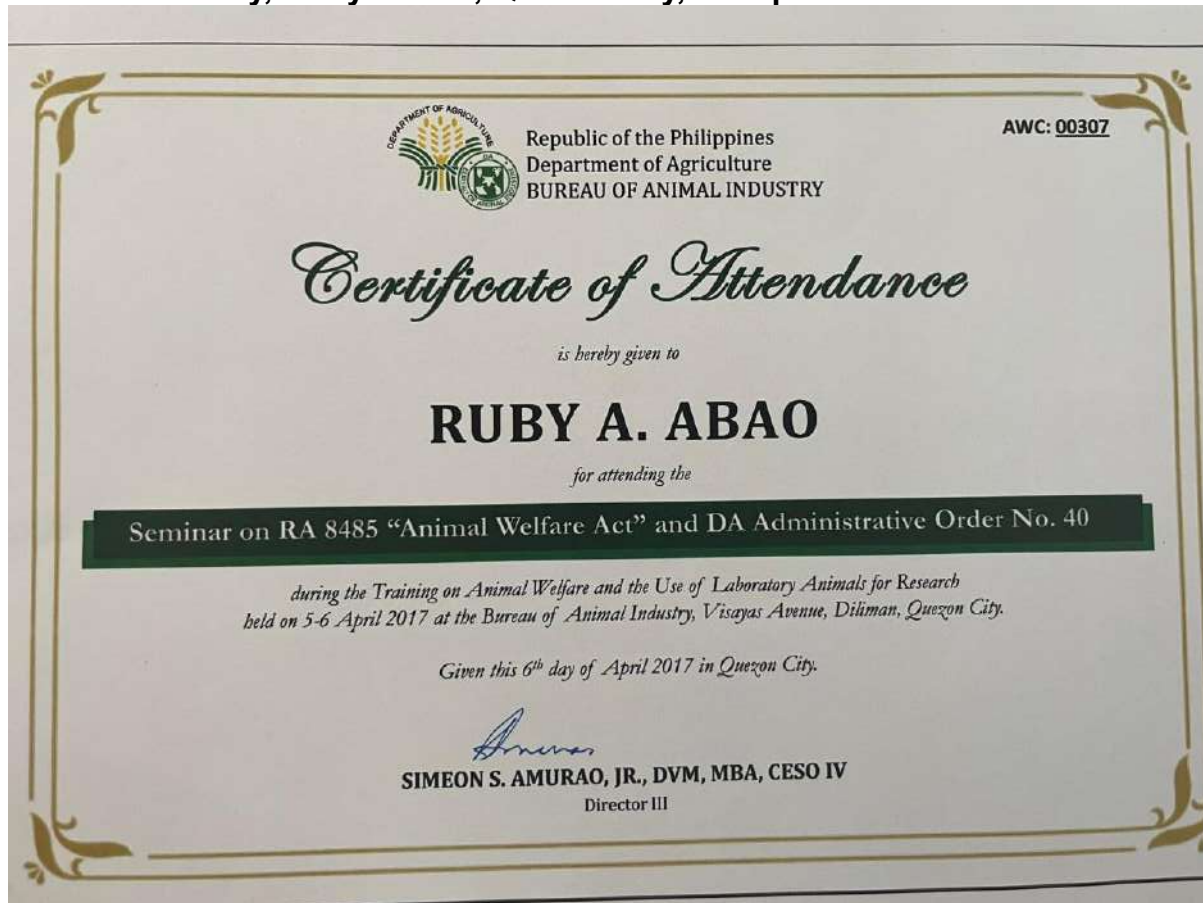
By:  
*Rolando N. Paluga*  
**ROLANDO N. PALUGA, PhD**  
Vice President for Academic Affairs



11. Animal Welfare and the Use of Laboratory Animals in Research. Training Center, Bureau of Animal Industry, Visayas Ave., Quezon City, 5-6 April 2017.

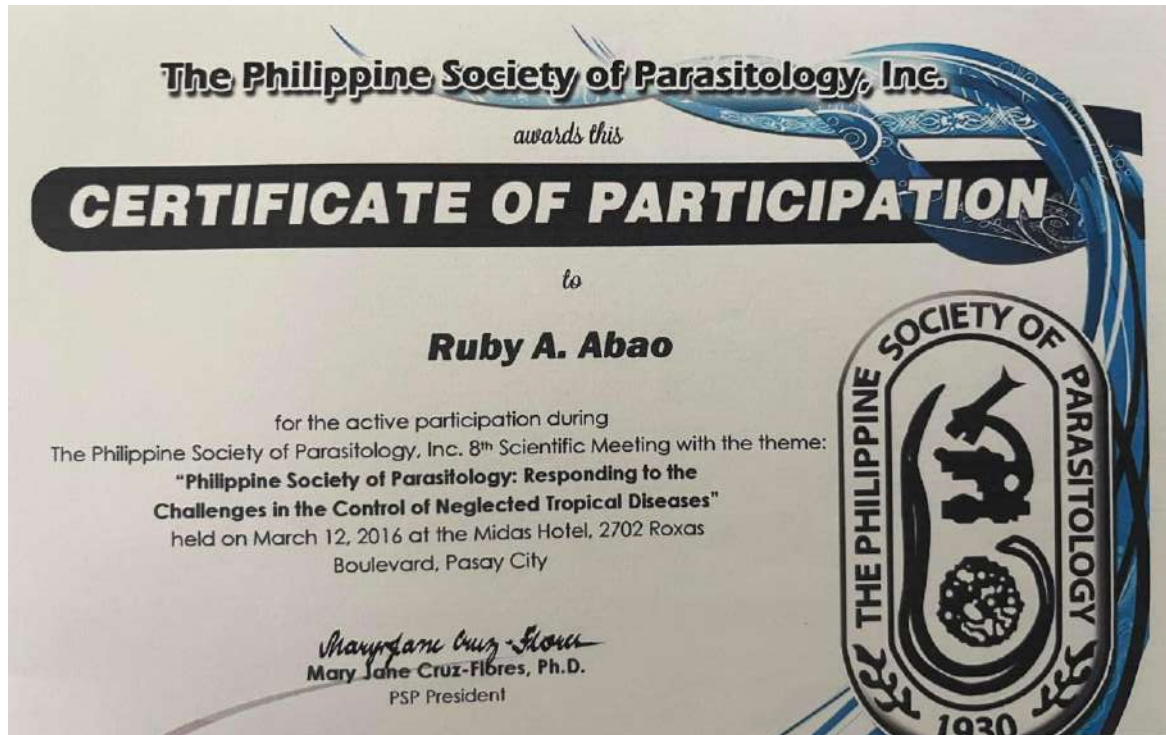


12. Seminar on RA 8485 "Animal Welfare Act" and DA Administrative Order No. 40. Bureau of Animal Industry, Visayas Ave., Quezon City, 5-6 April 2017.





13. Philippine Society of Parasitology: Responding to the Challenges in the Control of Tropical Neglected Diseases. 8<sup>th</sup> Scientific Meeting, Midas Hotel, Pasay City, 12 March 2016.



14. Food and Water-borne Parasites Seminar: "Pathway of Food and Water-borne Parasites: from Production to Consumption. South Luzon State University, 11 March 2016.





**15. Zooanthrophilic Parasites: How common are they in your community? 6th Scientific Meeting of the Philippine Society of Parasitology, DLSU, 15 March 2014.**

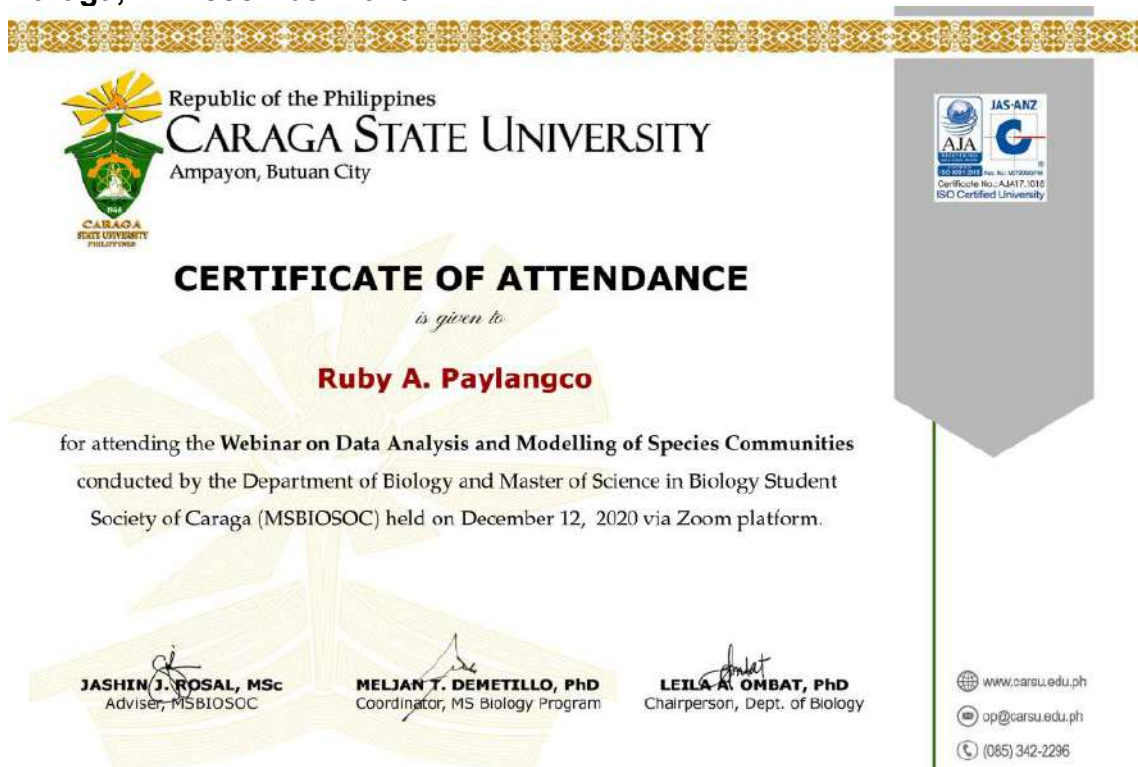


**Local**

1. Microbiology Laboratory Bridging Program. S&T building (now Batok Hall), CSU main, 8-19 August 2022.



2. Webinar on Data Analysis and Modelling of Species Communities. MS Biology Society, Caraga, 12 December 2020.





3. Caraga Health Research Forum (virtual). DOST Caraga, 27 November 2020.



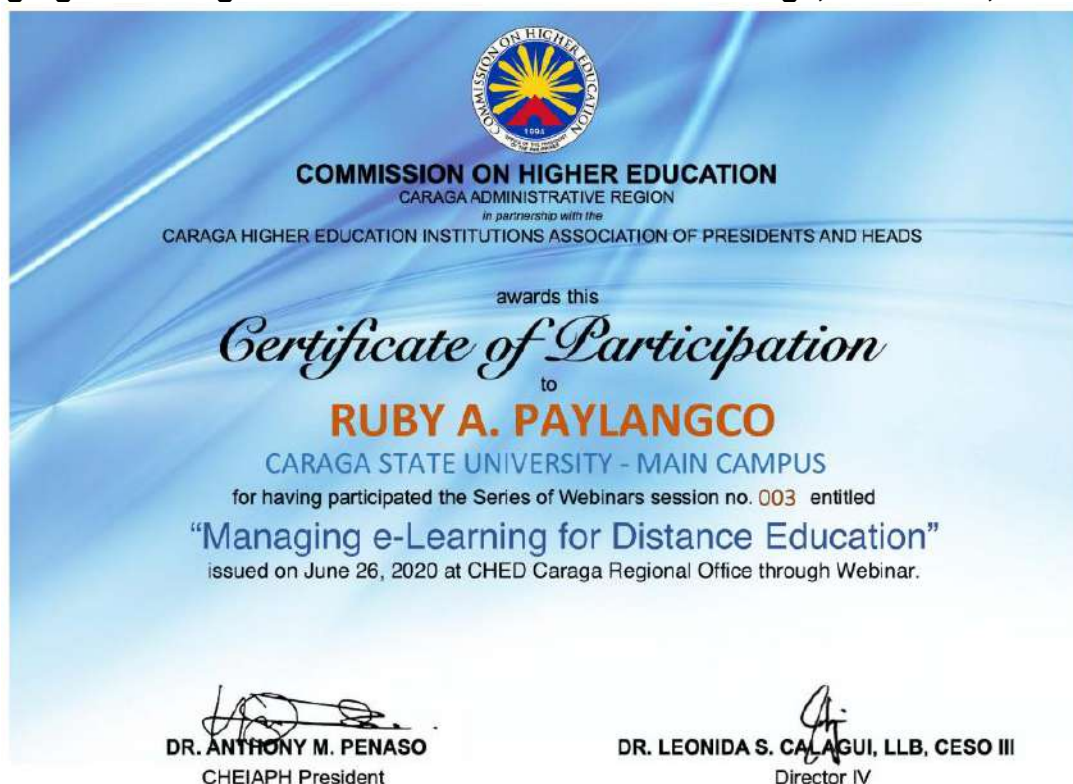
4. Webinar (Day2) on Communicating Research Results: Writing Scientific Articles for Publication, How to Detect Predatory Publishers, and Conferences Tips on Open Access Publishing. RDPO, CSU, during the Scitech4Dev Forum, 27 October 2020.



5. (Day1) on Communicating Research Results: Writing Scientific Articles for Publication Writing Publishable Research Articles and Publishing in High Impact Journals. RDPO, CSU, during the Scitech4Dev Forum, 26 October 2020.

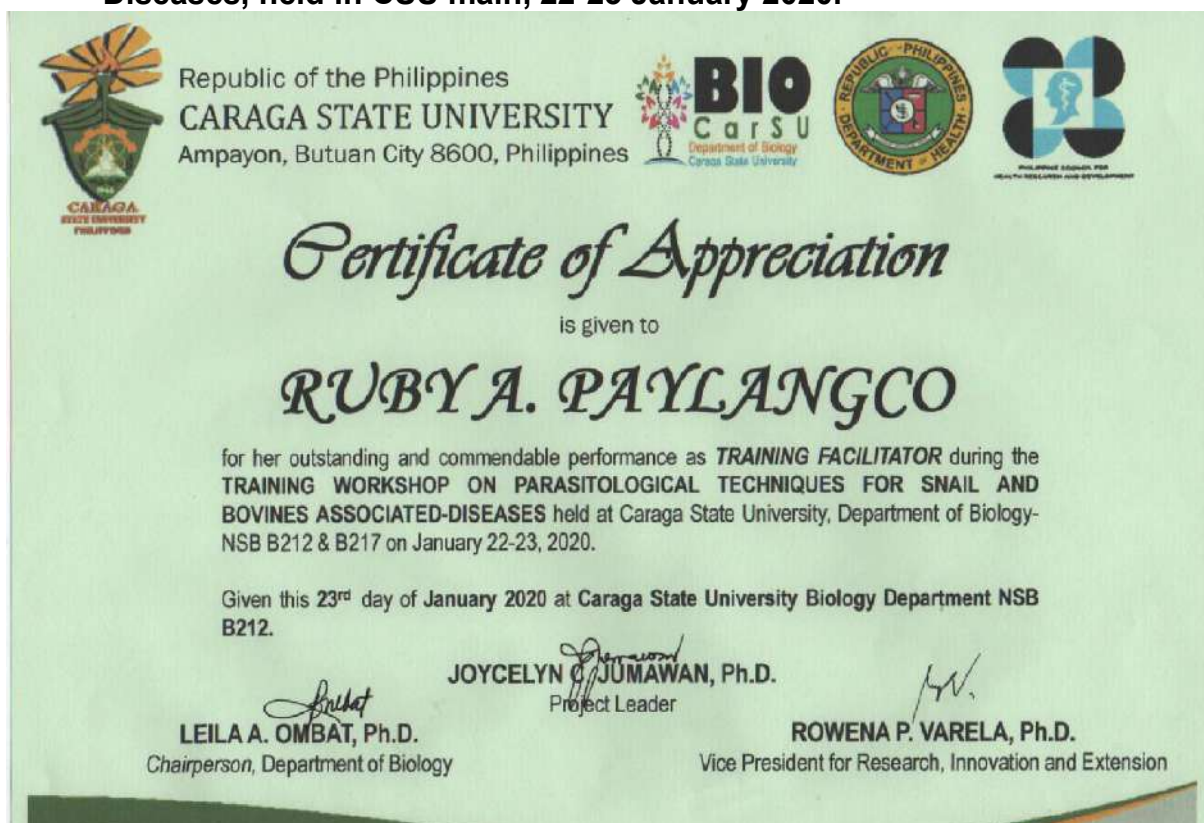


6. Managing e-learning for Distance Education. CHED Caraga, CSU main, 26 June 2020.





7. Training workshop on Parasitological Techniques for Snail and Bovines Associated Diseases, held in CSU main, 22-23 January 2020.

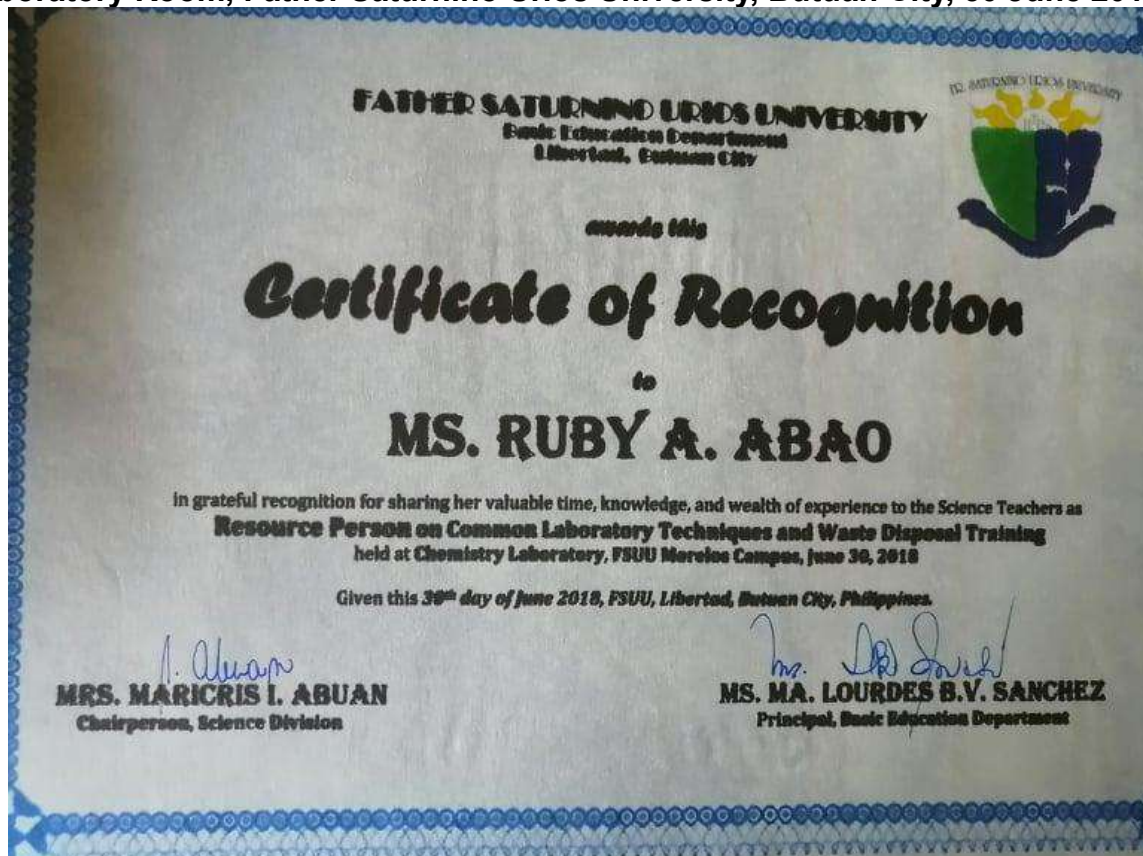




### Program of Activities

| DAY 1               |  | Facilitator In-Charge                |
|---------------------|--|--------------------------------------|
| 8:00 am – 8:15 am   | Registration   | Karla Balamad                        |
| 8:15 am – 8:45 am   | Opening Ceremony/backgrounder  | Project Personnel                    |
| 8:46 am – 9:45 am   | <b>Lecture 1:</b> The link between snail vectors and bovines in the spread of Schistosomiasis and other snail-associated diseases                              | Ruby A. Paylangco, MSc.              |
| 9:46 am – 10:45 am  | <b>Lecture 2:</b> Field collection of snail and bovine fecal samples and its laboratory preparation  | Leonardo A. Estaño, MSc.             |
| 10:46 am – 11:45 am | <b>Lecture 3:</b> The use of Scanning electron microscopy and DNA barcoding for species identification   | Joycelyn C. Jumawan, Ph.D.           |
| 11:46 am – 12:00 pm | Open forum and short reminders for afternoon activity  | Karla Balamad                        |
| 12:00 pm – 12:45 pm | Lunch break  |                                      |
| 12:46 pm – 1:00 pm  | Preliminaries for laboratory activity  | Project Personnel                    |
| 1:00 pm – 3:00 pm   | <b>Laboratory Activity 1:</b> Fecalysis and Microscopy of fecal samples  | Ma'am Ruby and Sir Leonardo          |
| 3:01 pm – 3:30 pm   | Snack and health break   |                                      |
| 3:31 pm – 7:00 pm   | Continuation of activity   |                                      |
| 7:00 pm – onwards   | Dinner and Short Reminders for Day 2   |                                      |
| DAY 2               |  |                                      |
| 5:30 am – 6:00 am   | Assembly for fieldwork   | Participants                         |
| 6:00 am – 8:00 am   | <b>Field Activity 1:</b> Field Collection of snails and fecal samples in ricefields  | Training Facilitators & Participants |
| 8:00am – 8:45 am    | Breakfast  |                                      |
| 8:45am – 9:00 am    | Preliminaries for Laboratory activity  |                                      |
| 9:00 am – 12:00 pm  | <b>Laboratory Activity 2.1:</b> Sorting, identification, and artificial shedding of Parasites Samples  | Sir Leonardo                         |
| 12:00 pm – 12:45 pm | Lunch break  |                                      |
| 12:45 pm – 1:00 pm  | Preliminaries for Laboratory Activity  |                                      |
| 1:01 pm – 3:00 pm   | <b>Laboratory Activity 2.2:</b> Isolation, identification and preservation of common parasites from snails and carabaos feces                                  | Sir Leonardo & Ma'am Ruby            |
| 3:01pm – 3:30 PM    | <b>Laboratory Activity 3:</b> Isolation of digenetic trematodes from snails and parasites from bovine feces for Scanning Electron Microscopy and DNA Barcoding | Ma'am Joycelyn                       |
| 3:31pm – 4:30 PM    | <b>Laboratory Activity 4:</b> Statistical Analyses of data: Biodiversity Indices and Parasitological data  | Sir Leonardo                         |
| 4:30 pm – 5:00 pm   | Feed backing from participants   | Training Facilitator & Participants  |
| 5:10 pm – 5:30 pm   | Closing program  |                                      |

### 8. Training on Common Laboratory Techniques and Waste Disposal. Chemistry Laboratory Room, Father Saturnino Urios University, Butuan City, 30 June 2019.



Father Saturnino Urios University  
Basic Education Department  
Libertad, Butuan City



TRAINING ON  
COMMON LABORATORY TECHNIQUES AND WASTE DISPOSAL

Chemistry Laboratory Room

June 30, 2018

8:00 am

**MS. RUBY A. ABao**  
You are invited.

PROGRAMME

|                                      |   |
|--------------------------------------|---|
| Invocation                           | Ms. Jo Anne A. Jandayan                                 |
| Opening Remarks                      | Mrs. Maricris I. Abuan                                  |
| Introduction of the Resource Speaker | Ms. Louie Jane T. Eleccion                              |
| Training Workshop                    | <b>Ms. Ruby A. Abao</b><br>Resource Speaker<br>CSU-UPLB |
| Impression                           | Mrs. Karen Ann F. Saguio                                |
| Giving of Token and Certificate      | Ms. Maricor A. Naloot                                   |
| Closing Prayer                       | Mrs. Maricris I. Abuan                                  |
|                                      | Ms. Desiree D. Enfimo                                   |

Mr. Kevin O. Kuison  
Master of Ceremonies

FATHER SATURNINO URIOS UNIVERSITY  
Basic Education Department  
Libertad, Butuan City



June 27, 2018

**DR. ANTHONY S. PENASO, PhD**  
University President  
Caraga State University  
Ampayon, Butuan City



Dear Sir,

Greetings!

The Science Division of FSUU Morelos Campus would like to invite Ms. Ruby A. Abao as resource speaker on "Common Laboratory Techniques and Waste Disposal Training" which will be held at the Chemistry Laboratory on June 30, Saturday from 8:00 am-12:00 noon. We had a preliminary discussion with Ms. Abao regarding our invitation. And she is willing to share her expertise on the aforementioned topic.

We are hoping for your approval on the said matter. Attached hereto is the program of invitation.

Thank you very much!

Very truly yours,

*M. Maricris I. Abuan*  
**MRS. MARICRIS I. ABUAN**  
Science Chairperson

Noted by

*M. Malourdes B.V. Sanchez*  
**MS. MALOURDES B.V. SANCHEZ**  
School Principal

9. Basic Research Module Training cum Research Proposal Development Writeshop. DOST-CHRDC, Butuan City, 3-5 June 2019.



# CERTIFICATE OF PARTICIPATION

is given to

## RUBY A. ABAO

for actively participating in the  
**Basic Research Methods Training cum  
 Research Proposal Development Writeshop**  
 on June 3-5, 2019 at Grand Palace Hotel,  
 Butuan City.

Given this 5th day of June, 2019 at  
 Grand Palace Hotel, Butuan City.

  
**OFELIA P. SANIEL, MPH, PhD**  
 Resource Person  
 Professor Emeritus, UP-Manila


  
**KAREN B. BURDEOS, MSc**  
 Resource Person  
 Faculty and Center Director, MSCRC,  
 Caraga State University

  
**LYRA VIAJAR, RN, MAN**  
 CHRDC Capacity Building Committee Chairperson  
 Education Supervisor II, CHED-Caraga

  
**JOSE R. LLACUNA, MD, MPH, CESO III**  
 CHRDC Chairperson  
 DOH-CHD-Caraga Regional Director





CHRDC-2019-02-010



Republic of the Philippines  
**CARAGA STATE UNIVERSITY**  
 Ampayon, Butuan City 8600, Philippines  
 Caraga State University  
**COLLEGE OF ARTS AND SCIENCES**

Phone: (+63 85) 342-0326  
 Email address: cas@carsu.edu.ph

Certificate No.: AJA17-1018  
 ISO Certified University

### Travel Order

T.O. No. 2019-267 Date: May 31, 2019

Name/s: **AIZA MAE CALUB** **RUBY ABAO**

Destination: Butuan City.

Departure Date: June 3, 2019 Time: 8:00am

Arrival Date: June 5, 2019 Time: 5:00pm

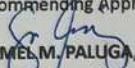
Purpose: attend Basic Research Module (BRM) Training cum Research Proposal Development Writeshop.

Source: ( ) General Fund ( ) Trust Fund ( ) Others:

Means of Transportation: ( ) School Vehicle ( ) Others:


Any cash advance drawn on this travel should be immediately liquidated within (30) days after your return from travel. Failure to liquidate with this period will result in suspension of your salary in accordance with COA Circular No. 96-004.

Recommending Approval:

  
**ESAMEL M. PALUGA, PhD**  
 Dean, College of Arts and Sciences

Approved:

**ANTHONY M. PENASO, PhD**  
 University President

By: 

**ROWENA P. VARELA, PhD**  
 VPRIE





**CARAGA HEALTH RESEARCH AND DEVELOPMENT CONSORTIUM**  
c/o Department of Science and Technology – Caraga Regional Office  
Caraga State University Campus, Ampayon, Butuan City  
Tel. No.: (085) 341-9551 Fax No.: (085) 342-5684  
caragahealth@gmail.com

**BASIC RESEARCH METHODS TRAINING**  
Grand Palace Hotel, Butuan City  
June 3-5, 2019

**COURSE OBJECTIVES**

By the end of the course, the participants should be able to:

1. Identify the different steps in conducting research;
2. Identify the important points to be considered in identifying and justifying the research topic and in stating the research problem;
3. Formulate specific, measurable and feasible research objectives;
4. Explain the uses of the review of related literature and the conceptual framework;
5. Describe the different study designs commonly used in health research, including the different methods of sample selection;
6. Develop the appropriate study design corresponding to the research objectives they have formulated for the research project they will be conducting;
7. Identify the issues in data collection and the development of data collection tools;
8. Identify the most commonly used statistical tools in data analysis;
9. Develop the data analysis plan for the research objectives they have formulated;
10. Identify the important ethical considerations in the conduct of health research;
11. Apply the guidelines in developing the research timetable and the budget; and
12. Write a capsule research proposal

**COURSE SYLLABUS**

| DATE/TIME           | ACTIVITY   |
|---------------------|--|
| <b>JUNE 3, 2019</b> |  |
| 8:00 – 8:30         | Registration of Participants<br>Opening Ceremonies   |
| 8:30 – 9:30         | Lecture 1: Overview of the Research Process  |
| 9:30 – 11:00        | Lecture 2: Defining the Research Problem<br><i>Note: Snacks will be served at 10am, while the lecture for Sub-module 2 is on-going</i>   |
| 11:00 – 12:30       | Lecture 3: Establishment of the Theoretical and Empirical Basis of the Research  |
| 12:30 – 1:30        | Lunch Break  |
| 1:30 – 2:30         | Workshop 1: <ul style="list-style-type: none"><li>• Identification of Research Topic</li><li>• Formulation of Research Problem and Objectives</li><li>• Determination of the Significance of the Project</li></ul> |
| 2:30 – 5:30         | Plenary 1: Presentation of Research Topic, Problem, Objectives and Significance<br><i>Note: Snacks will be served at 3pm, while Plenary Session 1 is on-going</i>  |
| <b>JUNE 4, 2019</b> |  |
| 8:00 – 10:00        | Lecture 4: Epidemiologic and Experimental Studies  |
| 10:00 – 11:30       | Lecture 5: Sampling Designs<br><i>Note: Snacks will be served at 10am while the lecture on Sub-module 5 is on-going</i>  |
| 11:30 – 12:30       | Lecture 6: Sample Size Determination   |
| 12:30 – 1:30        | Lunch Break  |

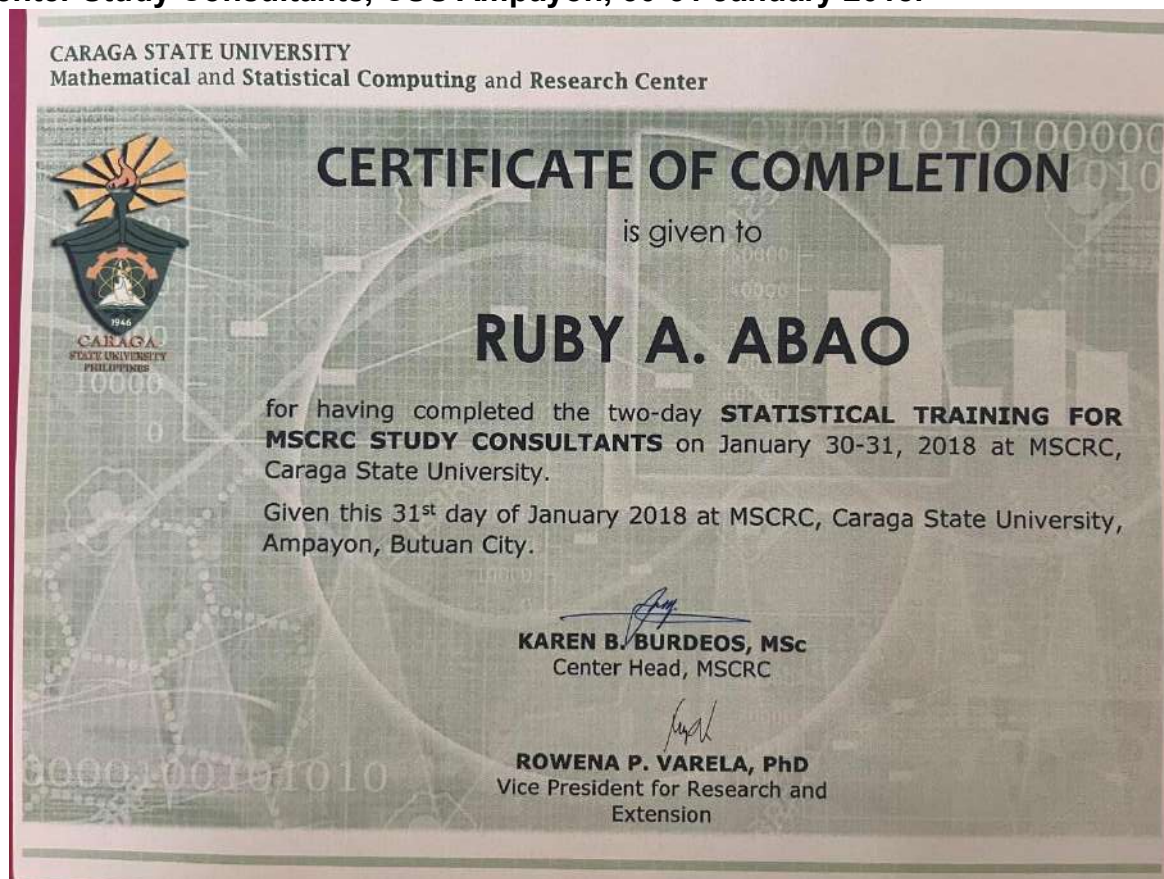
*Certified  
true copy  
from the  
original*



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c/o Department of Science and Technology – Caraga Regional Office  
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Tel. No.: (085) 341-9551 Fax No.: (085) 342-5684  
[caragahealth@gmail.com](mailto:caragahealth@gmail.com)

| DATE/TIME           | ACTIVITY  |
|---------------------|---|
| 1:30 – 2:30         | Lecture 7: Qualitative Research   |
| 2:30 – 4:00         | Lecture 8: Data Collection<br><i>Note: Snacks will be served at 3pm while the lecture on Sub-module 8 is on-going</i>             |
| 4:00 – 5:00         | Workshop 2: Developing the Research Design  |
| <b>JUNE 5, 2019</b> |   |
| 8:00 – 10:00        | Lecture 9: Data Analysis  |
| 10:00 – 11:00       | Lecture 10: Ethics in Health Research<br><i>Note: Snacks will be served at 3pm while the lecture on Sub-module 10 is on-going</i> |
| 11:00 – 12:00       | Lecture 11: Administrative Aspects of Research  |
| 12:00 – 1:00        | Lunch Break   |
| 1:00 – 2:00         | Lecture 12: Writing the Research Proposal   |
| 2:00 – 3:00         | Continuation of Workshop 2: Developing the data analysis plan   |
| 3:00 – 4:45         | Plenary 2: Presentation and discussion of outputs of Workshop 2<br>(Capsule Research Proposal)                                    |
| 4:45 – 5:00         | Closing Ceremonies  |

**10. Two-Day Statistical Training for Mathematical and Statistical Computing and Research Center Study Consultants, CSU Ampayon, 30-31 January 2018.**



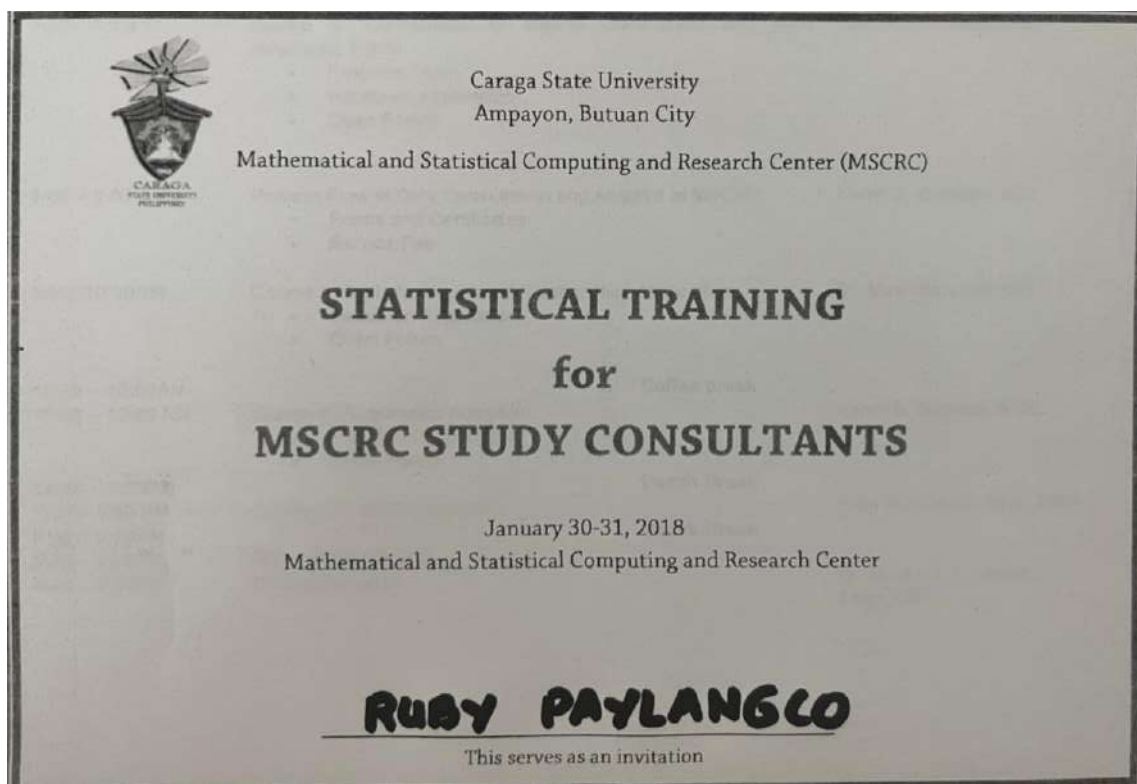


# PROGRAMME

**Day 1, 30 January 2017**

| Time             | Activity   | Responsible Person/s                   |
|------------------|--|--|
| 8:00 – 8:30AM    | Registration   | MSCRC                                  |
| 8:30 – 8:40AM    | Invocation   | AVP                                    |
|                  | National Anthem  | AVP                                    |
|                  | CSU Hymn   | AVP                                    |
| 8:40 – 8:45AM    | Opening Remarks  | Dr. Esamel M. Paluga,<br>Dean, CAS     |
| 8:45 – 8:50AM    | Message  | Dr. Rowena P. Varela,<br>VPRE          |
| 8:50 – 8:55AM    | Message  | Dr. Rolando N. Paluga<br>VPAA          |
| 8:55 – 8:58AM    | Acknowledgement of Study Consultants (each College)  | Host                                   |
| 8:58 – 9:00AM    | Introduction of Speakers   | Host                                   |
| 9:00 – 9:15 AM   | Talk 1: Statistics for Educational Research  | Dr. Alvic Arnado                       |
| 9:15 – 9:30 AM   | Talk 2: Statistics for Agricultural and Environmental Research   | Meycel Amarille, MSc                   |
| 9:30 – 9:45 AM   | Talk 3: Statistics for Biological Sciences Research  | Dr. Rey Capangpangan                   |
| 9:45 – 10:00 AM  | Talk 4: Statistics for Social Sciences Research  | Shiela Badiang, MSc                    |
| 10:00 – 10:30 AM | <b>Coffee Break</b>  |  |
| 10:30 – 12:00 NN | Course 1 <ul style="list-style-type: none"> <li>• Data Consultation</li> <li>• Data Cleaning and Processing</li> <li>• Open Forum</li> </ul>   | Breix Michael Agua, MSc                |
| 12:00 – 1:00 PM  | <b>Lunch Break</b>   |  |
| 1:00 – 2:00PM    | Course 2: Descriptive Statistics <ul style="list-style-type: none"> <li>• Hands-on Application</li> <li>• Open Forum</li> </ul>  | Rachel Basañez                         |
| 2:00 – 3:00PM    | Course 3: Statistical Test Assumptions <ul style="list-style-type: none"> <li>• Hands-on Application</li> <li>• Open Forum</li> </ul>  | Sheila Rae E. Permanes, MSc            |
| 3:00 – 3:30PM    | Snack break  |  |
| 3:30 – 5:00PM    | Course 4: Comparison of Means (Parametric and Non-parametric Tests) <ul style="list-style-type: none"> <li>• Post-hoc Tests</li> <li>• Hands-on Application</li> <li>• Open Forum</li> </ul> | Jan Niño G. Tinio, MSc                 |
| 8:00 – 9:00 AM   | Process Flow of Data Consultation and Analysis at MSCRC <ul style="list-style-type: none"> <li>• Forms and Certificates</li> <li>• Service Fee</li> </ul>                                    | Karen B. Burdeos, MSc                  |
| 9:00 -10:30AM    | Course 5: Tests for Significant Relationship/ Association <ul style="list-style-type: none"> <li>• Hands-on Application</li> <li>• Open Forum</li> </ul>                                     | Dr. Miraluna L. Herrera                |
| 10:30 – 10:50AM  | <b>Coffee break</b>  |  |
| 10:50 – 12:00 NN | Course 6: Regression Analysis <ul style="list-style-type: none"> <li>• Hands-on Application</li> <li>• Open Forum</li> </ul>   | Karen B. Burdeos, MSc                  |
| 12:00 – 1:00PM   | <b>Lunch Break</b>   |  |
| 1:00 – 3:00 PM   | Course 7: Data Presentation  | Breix Michael G. Agua, MSc             |
| 3:00 – 3:30PM    | <b>Snack Break</b>   |  |
| 3:30 – 4:30PM    | Giving of Certificates   |  |
| 4:30 – 5:00PM    | Closing Remarks  | Dr. Miraluna, L. Herrera,<br>Dean, CEd |





**11. 4-Day Training Course: Capacity Building on Practical Work Approach in Teaching Science thru the Conduct of Field and Laboratory Works, S&T Building (now Batok Hall), CSU, 22-25 November 2017.**



12. Biology Center of Development Meeting and Proposal Writeshop. Conference Hall, Caraga State University, Butuan City, 13 February 2017.



13. Lecture Workshop on Basic Animal Parasitology: Capacity building on Collection, Isolation, and Identification of Parasites. University of Southern Mindanao, 20 January 2017.





**CARAGA STATE UNIVERSITY**  
P.O. Box 165, Ampayon, Butuan City, Philippines 8600  
Tel. No. (6385) 342-3047, Fax No. (6385) 342-1079  
URL: <http://www.normisist.edu.ph>

T.O. No. VPAA-018-2017

**Travel Order**

Date: January 17, 2017

**RUBY ABAO**

Destination: **Kabacan, Cotabato**

Departure Date: January 18, 2017

Arrival Date: January 21, 2017

Time: 8:00am

Time: 5:00pm

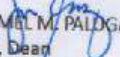
**Purpose: to attend the lecture-workshop on Basic Animal Parasitology: Capacity Building on Collection, Isolation and Identification of Parasites**

Source: ☐ General Fund ☐ Trust Fund ☐ Others: STF-OSAS

Means of Transportation: ☐ School Vehicle ☐ Others:

Any cash advance drawn on this travel should be immediately liquidated within (30) days after your return from travel. Failure to liquidate with this period will result in suspension of your salary in accordance with COA Circular No. 96-004.


Recommending Approval:

  
ESAM M. PALUGA, Ph.D.  
CAS, Dean

Approved:

ANTHONY M. PENASO, Ph.D.  
President

By:

  
ROLANDO N. PALUGA, Ph.D.  
VPAA



**UNIVERSITY OF SOUTHERN MINDANAO**  
Kabacan, Cotabato  
Philippines


**CERTIFICATE OF APPEARANCE**

January 20, 2017

**TO WHOM IT MAY CONCERN:**

This is to certify that **MS. RUBY ABAO** of CARAGA STATE UNIVERSITY actually appeared in this office on January 19-20, 2017 for the purpose of the DBS Lecture Series and Training-Workshop on Basic Animal Parasitology training.

This certification is being issued for whatever legal purpose it may serve him/her best.

  
JONALD L. PIMENTEL  
College Dean



14. Classroom Management Training. Father Saturnino Urios University, May 28 – June 1, 2012.

