



CURRICULUM VITAE

Serafin L. Garciano, Jr.
Doctor of Veterinary Medicine/Agriculturist

782 Hillside Village, Bulacao, Talisay City, Cebu 6045

Cell # 09776558982/09777474046

Email me at: sergarciano@yahoo.com/sergarciano@gmail.com

I. PERSONAL PROFILE:

Name:	Serafin L. Garciano, Jr.
Sex:	Male
Date of Birth:	September 22, 1984
Place	Cebu City
Citizenship	Filipino
Height:	5'7"
Weight:	86 kg.
Religion	Roman Catholic
Civil Status:	Single

II. EDUCATIONAL ATTAINMENT:

- **MASTER OF SCIENCE** **University of the Philippines Los Baños**
August 2016 – July 2020 Los Baños, Laguna
Master of Science in Veterinary Medicine
(Major in Veterinary Pathology)
- **BACHELOR OF SCIENCE**
June 2010 – April 2015 **Visayas State University**
(3rd yr.-6th yr.) VISCA, Baybay Leyte
2nd Degree **Doctor of Veterinary Medicine**

June 2001 – March 2005

(1st yr-4th yr)

1st Degree

Visayas State University

VISCA, Baybay Leyte

Bachelor of Science in Agriculture

(Major in Horticulture)

• **HIGH SCHOOL:**

June 1997 – March 2001

(1st yr-4th yr)

Abellana National School

Osmena Blvd., Cebu City

• **ELEMENTARY:**

June 1991 – March 1997

(Gr.1 – Gr.6)

Zapatera Elementary School

Sikatuna Street, Cebu City

June 1990 – March 1992

(Kindergarten – Prep)

Saint Francis of Assisi School

Redemptorist Compound, Cebu City

THESIS TITLE:

Effects of Crude Ethanolic Neem (Azadirachta indica A. Juss.) Leaf Extract on the Clinical Signs, Hematological Values and Pathological Lesions in Mice Artificially Infected with Escherichia coli (ATCC® 25922™) (Veterinarian Master's Thesis)

In Vitro Ovicidal Activity of Crude Ethanolic Extract of Carrot (Daucus carota L.) Peelings against Eggs of Ascaridia galli S. (Veterinarian)

Fiber Yield Performance of Somatic embryo-derived Abaca previously Inoculated with Vesicular Arbuscular Mycorrhizae (VAM) at different Phosphorus levels (Agriculturist)

LICENSURE EXAMINATION:

A licensed **Veterinarian**, had passed the board exam last September 2015

A licensed **Agriculturist**, had passed the board exam last July 2005

III. Participation, Certification, and Achievements

One of the highest GPA in DVM Batch 2015 with a GPA of 2.25

A CHED K to 12 Scholar in Master of Science in Veterinary Medicine (Major Pathology) with a general weight average (GWA) of 1.4297

2nd runner up in National Veterinary Quiz show held in February 2012 at Central Mindanao University

4th place in Zootechnics, 6th place in Total recall and, 7th place in Pathology Quiz Bowl contest held in February 2013 at Central Luzon State University

3rd place in Zootechnics and 5th place in Microbiology Quiz Bowl contest held in February 2014 at University of Philippines, Los Baños

IV. Undergraduate Exposure and Training Experience

- Companion Small Animal Surgery and Medicine:
 - Companion small animal internship at:
 - Ole Veterinary Hospital (Clinics 3), Cainta, Rizal for 240 hours/1 month
 - Ormoc Veterinary Clinic (Clinics 2), Ormoc City, Leyte for 168 hours/3 weeks
 - Caminade Veterinary Clinic (Field trip), Mabolo, Cebu City for 6 hours
 - Performed physical and clinical examination, diagnosis, interpretation, and treatment
 - Hematological examination (CBC, biochemical), fecalysis, skin scraping, diagnostic kits (parvo, distemper, heartworm test, etc.) ultrasonography, radiology, etc.
 - Performed vaccination and deworming
 - Performed and exposed to surgical procedures like castration, ovariohysterectomy (caesarian and pyometra cases), ear cropping,

cherry eye correction, scrotal ablation, urethrostomy, anal sacculotomy, and removal and cystotomy

- Small and Large Farm and Sport Race Animals Internship
 - Swine and Poultry Layer Production, Management and Medicine at Pisces Farm Bantayan Island Cebu
 - Poultry Broiler Management and Medicine at Sherilin Farm Danao, Cebu
 - Small Ruminant Dairy and Meat Production, Management and Medicine at FG Wagon Farm, Mandaue City, Cebu
 - Large Ruminant Dairy Production, Management, and Medicine at Yuvienco Dairy Farm, Brgy. Guba, Talamban, Cebu
 - Equine Surgery, Diagnostic Imaging Techniques (Xray, Ultrasonography, and Endoscopy), Equine Management and Medicine, at Modomo Farm, Carmona, Cavite
- Wildlife Medicine and Management at Maasin Zoo Farm. Leyte
- Public Health Meat Inspection at Ormoc City and St. Bernard, Leyte –Slaughterhouse
- Trained with the basic skills and research in Doctor of Veterinary Medicine and BS in Agriculture degree at the Visayas State University
- Trained with the basic and advanced skills and research in MS in Veterinary Medicine Degree (major in Veterinary Pathology) and disease diagnosis at the University of the Philippines Los Banos
 - Veterinary Histopathological Examination and Interpretation
 - a. Tumor evaluation (tumor diagnosis, evaluation (benign or malignant) and identification (Name and nature of the tumor and possible management and treatment)
 - b. Inflammation evaluation (Bacterial, Fungal and Parasite (helminths and protozoans)
 - Veterinary Necropsy, Gross examination, and interpretation
 - Biology and Pathology of Laboratory Animals in Advance Research
 - Veterinary Hematological Examination and Evaluation (Manual and Automated Rbc and Wbc Counts and Morphology) and Interpretation

- Actual Handling and Processing of ELISA Test Diagnosis and Interpretation
- Veterinary Microbiological Examination (Antimicrobial sensitivity testing etc.)
- Acquired Advanced Education and Skills in Veterinary Physiological Biochemistry, Complementary and Alternative Veterinary Medicine, Veterinary Epidemiological Method, Advance Ruminant Medicine, and Advance Swine Medicine

V. *Working Experience*

As an Agriculturist Graduate Professional Experience

1. August 2005 up to February 2006

***Cebu Hybrid Farm Corporation
Langtad Naga Cebu***

Position : **Animal Technical Specialist**

Scope of work :

- Medications:
 - i. Identify pigs to be treated and apply recommended medication
 - ii. Do follow-up treatment and monitoring
- Evaluate and analyze medication regimen and make relevant comments and remarks on the efficacy of drug use
- Supervise and manage farm activities

2. February 2006 to August 2007

***Horticultural Plantation Crops
Paz, Poro, Camotes, Cebu***

Position : **Agriculturist**

Scope of work:

- Responsible for the growth and production management of different horticultural crops
- Investigate the soil, climate, location, and condition of the land and plan for the best-suited crop in the area
- Plan the desired cropping system that could be applied in the farm
- Research appropriate techniques, prevention management, and possible treatment of certain plant diseases and insect infestation of different crops
- Flower and fruit monitoring of mangoes concerning the medication administered

3. August 2007 to August 2008

***Bayer Philippines / Animal Health
Brgy. Canlubang, Calamba Laguna***

Position : Technical Marketing Assistant

- One of the authors of the published article entitled “Effect of Butaphosphan + Vitamin B12 (Catosal coforta) on Pig Performance.”

Scope of work:

- The main scope of work is to experiment on the Effect of Butaphosphan + Vitamin B12 (Catosal coforta) on Pig Performance
- Monitor experimental animals and their performance on the duration of the trials
- Consultation and provide technical services on farm animals
- Conduct seminars on the outcome of the experimental trials and application of the product to users

3. September 2008 to May 2010

***Universal Feedmill Corporation
Cansaga Consolacion Cebu***

Position : Extension Technical Representative

Scope of work:

- Consultation and provide technical services on production, management, and treatment of farm animals
- Monitor farm records, production, feed trials
- Promote and Conduct Seminars

June 2010 to April 2015 Doctor of Veterinary Medicine Student

As Veterinarian and Agriculture Graduate Professional Experience

4. November 2015 up to May 2016

***Visayas State University
College of Veterinary Medicine***

Position : Instructor I

Scope of Work :

- Teaching and Instruction of Veterinary Pharmacology (lecture), Equine Health and Production (lecture and lab), Swine Health and Production (lecture), and Veterinary Microbiology (Lab).

5. May 2016 up to August 2016

**Veterinare Animale Clinic
Ormoc and Consolacion Cebu**

Position : **Veterinarian**

Scope of work:

- Routine vaccination and deworming
- Consultation, diagnosis, and treatment of small animals
- Perform and assist surgeries
- Research assistant in the clinic, particularly on the research of laboratory mice theses under the supervision of Doctor Adrian Ybanez

6. February 2019 up to February 2021

**Regalado Veterinary Medical Clinic
Fairview Quezon City**

Position : **Veterinarian and Pathologist**

Scope of work:

- Perform pet wellness (vaccination and deworming)
- Responsible for consultations, emergency care, diagnosis, and treatment of small animals
- Perform major and minor surgeries and assist surgical procedures
- Perform and interpret diagnostic laboratory procedures (Cbc, blood chemistry, ultrasound, x-ray, cytology, etc.

SPECIAL SKILLS/INTERESTS:

SKILLS: Computer literate (proficient in the internet, MS Word, Excel, and PowerPoint) and a photo editor.

INTERESTS: Studying; Reading books, magazines, and news updates; Surfing the internet; Sports, playing chess, basketball, swimming, martial arts, or any recreation sports; Music; Photo editing.



REPUBLIC OF THE PHILIPPINES
PROFESSIONAL REGULATION COMMISSION
MANILA

EXAM NO.

07889332

DATE OF RELEASE

SEPT. 4, 2015

BOARD OF VETERINARY MEDICINE

GARCIANO, SERAFIN JR. LIMOSNERO
56 MACARIO STREET JESUSA VILLE SUBDIVISION CADAH
CEBU CITY, CEBU

SIR/MADAM:

THE RATINGS YOU OBTAINED IN THE VETERINARIANS LICENSURE EXAMINATION GIVEN BY THE BOARD IN MANILA & C.D.O.
ON SEPT. 1, 2015 & FF. DAYS ARE AS FOLLOWS:

SUBJECTS	RELATIVE WEIGHT	RATINGS
1. VETERINARY MEDICINE & SURGERY (Clinics/Thesis/Conference)	18	77
2. VETERINARY MICROBIOLOGY & PUBLIC HEALTH	16	81
3. ZOOTECHNICS	14	75
4. VETERINARY PATHOLOGY	12	81
5. VETERINARY ANATOMY	10	91
6. VETERINARY PHYSIOLOGY	10	84
7. VETERINARY PARASITOLOGY	10	87
8. VETERINARY PHARMACOLOGY	10	67
GENERAL WEIGHTED AVERAGE RATING	100	79.94
REMARKS	PASSED	

IMPORTANT:

1. THIS REPORT IS NOT VALID IF THERE IS ANY ALTERATION.
2. TO PASS THE EXAMINATION, A CANDIDATE MUST OBTAIN A WEIGHTED GENERAL AVERAGE RATING OF AT LEAST SEVENTY-FIVE PERCENT (75%) WITH NO RATING BELOW SIXTY PERCENT (60%) IN ANY SUBJECT.
3. A CANDIDATE WHO OBTAINS AN AVERAGE RATING OF SEVENTY-FIVE PERCENT (75%) OR HIGHER BUT GETS A RATING BELOW SIXTY PERCENT (60%) IN ANY SUBJECT SHALL BE ALLOWED TO TAKE A RE-EXAMINATION IN ONLY THOSE SUBJECTS IN WHICH HE/SHE OBTAINED A RATING BELOW SIXTY PERCENT (60%).
4. SHOULD HE/SHE FAIL TO OBTAIN SEVENTY FIVE PERCENT (75%) IN THE REPEATED SUBJECT OR SUBJECTS, HIS/HER EXAMINATION SHALL BE CONSIDERED AS FAILED, AND HE/SHE SHALL BE REQUIRED TO TAKE ALL THE SUBJECTS IN NEXT EXAMINATION.

VERY TRULY YOURS,
FOR CHAIRMAN

COMMISSIONER ANGELINE T. CHUA CHIACO

BY:

MA. ELIZABETH D. CALLANTA

(CHAIRMAN, BOARD OF VETERINARY MEDICINE)

15 - 0226721

hr



UNIVERSITY OF THE PHILIPPINES LOS BANOS
GRADUATE SCHOOL
College, Laguna Philippines

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TRUE COPY OF GRADES

Student Number : 201666808
Student Name : SERAFIN LIMOSNERO GARCIANO JR.
Program : Master of Science in Veterinary Medicine

TERM	COURSES TAKEN	COURSE TITLE	FINAL GRADE	COMPLETION GRADES	UNIT(S)	REMARKS
1st Semester 2016-2017	VEPI 221	Veterinary Epidemiological Methods	1.75		3	
	VMED 261	Veterinary Alternative Medicine	2.25		3	
	VPHY 241	Physiological Biochemistry	1.25		3	
2nd Semester 2016-2017	VMED 256	Advanced Ruminant Medicine	1.50		3	
	VMED 291	Special Topics	1.50		1	
	VPTH 222	Veterinary Necropsy	1.50		3	
	VPTH 223	Histopathology	1.50		3	
1st Semester 2017-2018	VMED 254	Advanced Swine Medicine	1.25		3	
	VMED 299	Graduate Seminar in Veterinary Medicine	1.50		1	
	VMED 300	Master's Thesis	S		2	
	VPTH 221	Biology and Pathology of Laboratory Animals	1.25		3	
2nd Semester 2017-2018	VMED 300	Master's Thesis	S		2	
1st Semester 2018-2019	VMED 300	Master's Thesis	S		2	
2nd Semester 2018-2019	VMED 300	Master's Thesis	S		1	
1st Semester 2019-2020	VMED 300	Master's Thesis	S		1	
2nd Semester 2019-2020	VMED 300	Master's Thesis	1.00		6	

----- END OF LIST -----
FOR EVALUATION PURPOSES ONLY

TGU (Total Grade x Unit): 45.75

TU (Total Units): 32.00

GWA (General Weighted Average) = TGU/TU

GWA: 1.4297

Prepared By: JERRY E. RIVERA, JR.
Office Assistant

Certified Correct: LESLIE G. BOLAÑOS
Student Records Evaluator II

Grading System: 1 - Excellent; 1.5 - Very Good; 2 - Good; 2.5 - Satisfactory; 3 - Passed; 4 - Conditional Failure; 5 - Failed
S - Satisfactory; U - Unsatisfactory; Inc - Incomplete; Drp - Dropped; NG - No Grade



Visayas State University

Visca, Baybay City, Leyte

awards this

CERTIFICATE OF RECOGNITION

to

SERAFIN L. GARCIANO, JR.

*for winning 2nd Runner Up of the National Veterinary Quiz Show
held during the 8th National Congress of Veterinary Medicine Students on February 8-10, 2013 at
Central Mindanao University, Musuan, Bukidnon thereby giving honor and pride to the Visayas State University.*

Given this 5th day of March 2013 at the Visayas State University, Visca, Baybay City, Leyte.

MANOLO B. LORETO, JR.

Dean of Students

JOSE L. BACUSMO

President



Visayas State University

Visca, Baybay City, Leyte

awards this

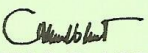
CERTIFICATE OF RECOGNITION

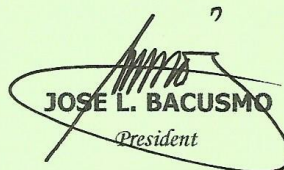
to

SERAFIN L. GARCIANO, JR.

for winning 3rd Place in Zootechnics Quiz Contest & 5th Place in Mikroyong-Mikrobyo Quiz Contests held during the 8th National Congress of Veterinary Medicine Students on February 13-15, 2013 at UP Los Baños, Laguna thereby giving honor and pride to the Visayas State University.

Given this 28th day of March 2014 at the Visayas State University, Visca, Baybay City, Leyte.


MANOLO B. LORETO, JR.
Dean of Students


JOSE L. BACUSMO
President



Visayas State University

Visca, Baybay City, Leyte

awards this

CERTIFICATE OF RECOGNITION

to

SERAFIN L. GARCIANO, JR.

*for winning 2nd Runner Up in Zootechnics Quiz Contest held during the
National Congress of Veterinary Medicine Students on February 12-15, 2014 at
UP Los Baños, Laguna thereby giving honor and pride to the Visayas State University.*

Given this 3rd day of March 2015 at the Visayas State University, Visca, Baybay City, Leyte.

A handwritten signature in black ink, appearing to read "Manolo B. Loreto, Jr.".

MANOLO B. LORETO, JR.

Dean of Students

A handwritten signature in black ink, appearing to read "Jose L. Bacusmo".

JOSE L. BACUSMO

President



VISAYAS STATE UNIVERSITY

(Formerly Visayas State College of Agriculture and Leyte State University)

Main Campus

Visca, Baybay City, Leyte 6521-A
Philippines

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registrar@vsu.edu.ph
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+ 63 53 563 7428

Office of the University Registrar

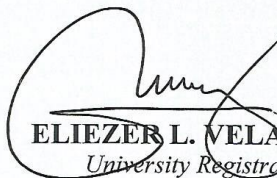
February 29, 2016

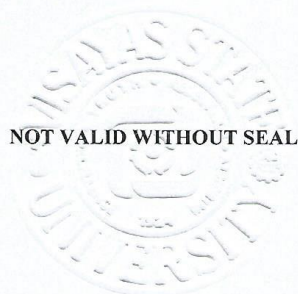
CERTIFICATION

TO WHOM THIS MAY CONCERN:

This is to certify that **Mr. Serafin L. Garciano, Jr.** obtained a Grade Point Average (GPA) of **2.258** when he graduated with the degree of Doctor of Veterinary Medicine (DVM) from Visayas State University (VSU), Visca, Baybay City, Leyte, Philippines.

This certification is issued upon the request of Mr. Garciano for scholarship abroad.


ELIEZER L. VELASCO
University Registrar





P.682

Effect of butaphosphan+vitamin B12 (Catosal®/Coforta®) on pig performance

Eijalin Z. Bautista¹ Zoilo M. Lapus^{2,4,3} Jomer B. Fule¹ Serafin Jr L. Garciano¹

1. Bayer Philippines Inc., Laguna, Philippines; 2. Philippine College of Swine Practitioners, Quezon City, Philippines;

3. Asian Pig Veterinary Society, Quezon City, Philippines; 4. Swine Consultant, Quezon City, Philippines

Introduction

In intensive pig production systems, pigs are exposed to multiple stressors such as handling, mixing with unfamiliar conspecifics, and movement to other buildings, all of which may adversely affect performance of the animals. Stress causes the release of catabolic hormones like cortisol which can negatively affect metabolism, leading to reduced weight gain in these growing animals (Ekkel et al., 1995). Coforta®/Catosal® is a metabolic stimulant and tonic supplement containing 100 mg butaphosphan and 0.05 mg of cyanocobalamin per ml as active ingredients. It has been reported to reduce stress by reducing cortisol levels (van der Staay et al., 2006; de Groot et al., 2003). This field study aimed to investigate the effects of Catosal® on the weight gain of pigs when given strategically during stressful periods such as handling, movement and transfer to other buildings.

Materials and Methods

This field study was conducted in a 300 sow level farm. Twenty clinically healthy, purebred sows and their piglets were divided into two groups, the treatment group (N= 108 piglets), and control group (N=111 piglets). In the treatment group, the sows received two injections of Catosal® at 20 ml per dose once at the start of farrowing and the second dose 28 days post-farrowing (weaning day). The corresponding piglets were given Catosal® at the following dosages and schedules: 1 ml at day 3 of age, coinciding with the administration of iron dextran and toltrazuril 0.4 ml/kg; 1 ml at day 28 (weaning day); 2 ml when the piglets were transferred from the farrowing building to the flat deck, and 5 ml upon transfer from the flat deck to the grower buildings.

The sows and piglets from the control group remained untreated with any preparation similar to Catosal®, nor with a placebo, apart from a single dose of Catosal® given to the piglets at 10 days of age, which was the usual farm program.

All piglets were weighed at birth, at weaning, during transfers and upon market.

Results and Discussion

The pigs in the Catosal® group had significantly higher average daily gain (ADG) in the different stages of production compared to the control group. Even by adjusting weight gain at 40 days and 80 days of rearing period in the flat deck and grower-finisher buildings, respectively, and at 150 days birth-to-market rearing period in order to have an equal basis of comparison, weight gain was significantly higher in the group from post-weaning until market. By the end of the trial, the ADG of the Catosal® group was higher by 58 grams per day, which translated to an average of 8.5 kilogram-difference in the weight gain of the Catosal® group.

Table 1.

	Control	Catosal	p-value
Ave. birth weight (kg)	1.50 (N= 111)	1.55 (N=108)	>0.05
Ave. birth weight upon transfer to flat deck (kg)	13.66 (N=96)	15.31 (N= 96)	
Ave. daily weight gain (ADG) flat deck (kg)	0.547	0.627	<0.05
Adjusted weight gain for 40-day rearing period in the flat deck (kg)	21.90	25.08	<0.05
Ave. weight upon transfer to the grower building (kg)	35.7 (N= 96)	40.52 (N= 96)	
ADG grower-finisher (kg)	0.761	0.831	<0.05
Adjusted weight gain for 80-day rearing period in the grower-finisher building (kg)	60.90	66.50	<0.05
Ave. market weight (kg)	92.49 (N= 96)	102.01 (N= 94)	<0.05
Ave. market age	174.32	173.23	>0.05
ADG day 0 to market (kg)	0.523	0.581	<0.05
Adjusted weight gain at 150 days (kg)	78.44	87.09	<0.05

Conclusions

In this field trial, Catosal® given to pigs during stressful periods in production resulted to a significantly increased daily weight gain and market weight of pigs. This resulted, based on the return on investment calculation, to high profitability for the farmers (17.02 USD per head under Philippine conditions). There were no treatment-related side effects neither in piglets nor in pigs.

References

1. Van der Staay et al., (2006) Proceedings of the 19th IPVS Congress, Copenhagen, Denmark Volume 2.
2. De Groot, J., et al., (2003) J. Vet. Pharmacol. Therap 26 (Suppl. 1), 222-223
3. Ekkel, E. D., et al., (1995) Journal of Animal Science, Vol 73, Issue 6 1544-1551.