



Republic of the Philippines
DEPARTMENT OF EDUCATION
Negros Island Region

SCHOOLS DIVISION OF NEGROS ORIENTAL
Office of the School Governance and Operations Division

Capital Area, Dumaguete City

www.depednegor.net

negros.oriental@deped.gov.ph

SGOD Office (035) 225 - 6180

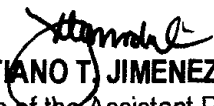
MEMORANDUM

TO : Chiefs, CID & SGOD
DEPSs/EPSSs/Division Coordinators
District Supervisors/District In-Charge
Public Elementary & Secondary School Heads
All Others Concerned

SUBJECT : **MARIANO LAO INNOVATION, CREATION AND INVENTION (ICI) DAY**

DATE : **February 6, 2018**

1. Herewith is a communication from **MS. JANICE ANTONIETTE FORSTER**, Incubation Coordinator and Chairperson, IT Department, inviting School Heads of this Division to witness the **Launching of its programs and research and scholarship grants** during **Mariano Lao Innovation, Creation and Invention (ICI) Day** on February 13, 2018 at Silliman University, Dumaguete City.
2. For details, refer to the attached communication.
3. For information.


SALUSTIANO T. JIMENEZ, CESO VI
OIC - Office of the Assistant Regional Director
Concurrent, Schools Division Superintendent

06 FEB 2018
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MA'AM RACHEL



COLLEGE OF COMPUTER STUDIES
SILLIMAN UNIVERSITY

Building Competence, Character & Faith

MARIANO C. LAO Innovation, Creation and Invention Laboratory

January 30, 2018

MR. SALUSTIANO T. JIMENEZ, CESO VI
Asst. Regional Director
Concurrent Schools Division Superintendent
Department of Education
Division of Negros Oriental

REC'D, NEGROS ORIENTAL
RECEIVED
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DATE: 1 FEB 2018
TIME:
BY:
RECORDS UNIT

Dear Mr. Jimenez,

Greetings!

At the Silliman University College of Computer Studies, we start the year with exciting events! We strive to inspire innovation, ignite creativity and push for innovation. During the upcoming College of Computer Studies week on Feb 12 to 15, 2018, one of the major activities we have outlined is a series of activities for our very new *Mariano Lao Innovation, Creation and Invention (ICI) Laboratory*. We will be holding our **1st Mariano Lao ICI Day**, the official launching of its programs and research and scholarship grants, to be held on **February 13, 2018**.

In this regard, we would like to request your good office to endorse the said activities to all principals in the division. I am hoping for your most favorable response to this request. For inquiries, please feel free to contact me at 035-4226033 or email at ici@su.edu.ph. Please see attached pertinent documents.

Thank you very much.

Respectfully,

Handwritten signature of Janice Antoniette Förster.

Janice Antoniette Förster, MBA, MIT
Incubation Coordinator
Chairperson, IT Department

Noted by:

Handwritten signature of Dave E. Marcial.

Dave E. Marcial, Ph.D.
Dean



COLLEGE OF COMPUTER STUDIES
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MARIANO C. LAO Innovation, Creation and Invention Laboratory

January 30, 2018

The Principal
 High School
 Negros Oriental

Dear Sir or Madam:

Cheers for 2018!

At the Silliman University College of Computer Studies, we start the year with exciting events! We strive to inspire innovation, ignite creativity and push for innovation. During the upcoming College of Computer Studies week on Feb 12 to 15, 2018, one of the major activities we have outlined is a series of activities for our very new *Mariano Lao Innovation, Creation and Invention (ICI) Laboratory*.

In relation to this, we are happy to invite you to **Mariano Lao ICI Day**, the official launching of its programs and research and scholarship grants to be held on **February 13, 2018**. As such, we request for your presence and participation of your school on the following:

Activity Name	Time	Venue	Registration Link
Launching of the Innovation Camp • Research & Capstone Grant • Creativity Camp	9:00 – 12:00 AM	UCS 301, Uytengsu Computer Studies Hall	http://bit.do/lao-grant
Creation Challenge	9:00 – 12:00 AM	Mariano C. Lao ICI Laboratory, SU	http://bit.do/lao-info
Invention Challenge	2:00 – 5:00 PM	High School Campus	http://bit.do/lao-innovation

Kindly find the *attached* program for the launching and mechanics for the **Creation and Invention Challenge** for more details. For inquiries and registration, you may email us at ici@su.edu.ph, send a message at <https://www.facebook.com/LaoICILab>, or call the College of Computer Studies, Silliman University at 422-6002 local 345 or 422-6033 for registration or you may go to the link above. Thank you very much.

Respectfully,

Janice Antoniette Förster, MBA, MIT
 Incubation Coordinator
 Chairperson, IT Department

Noted by:

Dave E. Marcial, Ph.D.
 Dean



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**LAUNCHING OF
RESEARCH & CAPSTONE PROJECT GRANT AND
CREATIVITY SCHOLARSHIP**

9:00 – 12:00 | February 13, 2018

Alfredo T. Ang Lecture Rooms, Uytengsu Computer Studies Hall, Silliman University

Note: **OPEN TO ALL PRINCIPALS, DEANS, TEACHERS, ADVISERS, COORDINATORS, AND STUDENTS**

PROGRAM

8:30 – 9:00	Registration
9:00 – 9:30	Opening Ceremonies Opening Prayer National Anthem Welcome Remarks Acknowledgement of Participants
9:30 – 10:15	Keynote: Innovation, Creation and Invention Invited Speaker
10:15 – 10:30	Snacks
10:30 - 11:15	Launching and Presentation of Innovation Camp Q and A
11:15 – 11:55	Launching and Presentation of Creativity Scholars Q and A
11:55 – 12:00	Closing Remarks

About the Research and Capstone Grant

The Research and Capstone Grant is a competitive grant amounting to a maximum of Php100,000.00 for a maximum of 2 years. It aims to stimulate new and innovative ideas with an entrepreneurial value among high school and college students. The laboratory envisions that grant to be a support towards serious incubation cycle. The grant will provide students an opportunity to learn and work together, develop and test new ideas, and engage in innovative and active learning. Proposals that will need additional fund may be granted subject to another screening and evaluation.

About the Creativity Camp

The Creativity Camp is a competitive scholarship amounting to Php 22,500.00 among top students in the province. It is specialized training on creativity to ignite and stimulate new and innovative ideas with an entrepreneurial value among high school and college students in the province. The training will be in hybrid delivery. The face-to-face will be conducted by experts during Saturdays. The online component will be delivered using the Silliman Online University Learning to augment the face-to-face discussions. See separate sheet for the detailed information.



ABOUT THE CREATIVITY CAMP

The Mariano Lao Innovation, Creation, and Invention Laboratory (ML-ICI Lab) was established with the primary aim to provide a new learning space for high school and college students in Silliman and the community for them to innovate, create and invent technology-oriented products while having fun. The laboratory will serve as a classroom, a teaching extension facility for teachers, a service-learning facility, a learning facility for robotics club, a recreation room, and most importantly, a mini-incubation facility. As a mini-incubation facility, the laboratory is mandated to be a place where students with an idea can be ignited and developed. It is in this context that this Creativity Camp is formulated and opened to support the attainment of vision of ML-ICI laboratory.

SCOPE

The Creativity Camp is a competitive scholarship among top students in the province. It is specialized training on creativity to ignite and stimulate new and innovative ideas with an entrepreneurial value among high school and college students in the province. The training will be in hybrid delivery. The face-to-face will be conducted by experts during Saturdays. The online component will be delivered using the Silliman Online University Learning to augment the face-to-face discussions.

ELIGIBILITY

1. The scholarship is open to all bonafide junior and senior high school students as well as college students in Negros Oriental.
2. There are only ten slots for the scholarship grant.
3. Scholars must submit a capstone project proposal at the end of the camp. Proposals need not be done individually, two scholars may collaborate on a project proposal. See details of the expected output.
4. Scholars must complete all training sessions. See training details.
5. Applicants will be evaluated based on the following:
 - a. Project Concept (technical merit, relevance and developmental nature, and entrepreneurial value-added)
 - b. School Performance (grade, extra & Co-curricular activities)
 - c. Research Involvement (participation, output, interests)

APPLICATION AND SELECTION PROCESS

1. A Call for Application will be announced and published in all media. The Call for Application will start on January 22, 2018, and will end on February 7, 2018.
2. Application and submission of requirements will be done online. Application form can be accessed at <http://bit.do/ICI-scholarship>.
3. All applicants will be subjected to interview by the technical panel. Interview maybe online, by phone or in person. Composition of the technical panel will include Mr. Lao or his representative, CCS Dean, CCS/Engineering Dean, Innovation Coordinator.
4. Below is the timeline:

January 22 - February 7, 2018 = Call for Application



February 8 – 12, 2018	= Screening, Interview, and Final List
February 13, 2018	= Announcement of Scholars
February 17 – March 24, 2018	= Training
April 1 – May 1, 2018	= Writing and Advising of Proposal
May 2 – May 15, 2018	= Presentation & Awarding of Research Grant

EXPECTED OUTPUT

- At the end of the camp, scholars must submit a capstone project proposal.
- The proposal must be a product development to be applied in the areas of agriculture, marine, and business.
- A product may be in the form but not limited to hardware or its prototype (e.g., 3D models), software application (e.g., web, mobile, multimedia), results from experiment (e.g., analytics, business plan, and models).
- Examples of new ideas to be developed are:
 1. a real time online blood donors' central referral and directory for Dumaguete (with appropriate safeguards for privacy);
 2. remodeling common items like wheelchairs, crutches, bancas, among others, to adapt to the Philippine countryside environment
 3. a text-based queuing system and solicitation for pedicab services
 4. a mobile app for traffic and parking management
 5. a mobile app related to disaster risk reduction and management
 6. a mobile app related to recycling or garbage management

TRAINING DETAILS

Course Name	: IGNITING YOUR CREATIVITY
Duration	: 8 meetings
Schedule	: Every Saturday, 8:00 – 12:00; 1:00 – 5:00 pm, February 17 – March 24)

Learning Outcomes:

- At the end of the course, the participants are expected to:
1. Identify, develop and act upon your creative potential
 2. Use tools and other techniques for idea generation
 3. Apply problem-solving and creative ideation skills to a real-life situation
 4. Write and submit a project proposal

Outline:

- Topic 1: What is Creativity: The Evolution, The Creative, The Process, The Product, and Context, Innovation, and Change
- Topic 2: Problem-Solving Skills: Category, Process, Understanding Problems and Creating Solutions
- Topic 3: Ideation: Tools, Design Thinking, Customer Discovery, and Experimentation
- Topic 4: Writing Project Proposal

Cost Per Scholar: Php 22,500.00

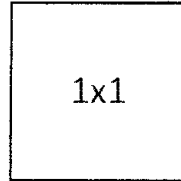


APPLICATION FORM FOR THE CREATIVITY SCHOLARSHIP

I. PERSONAL INFORMATION

- Last Name
- Given Name
- Middle Name
- Sex
- Date and Place of Birth
- Citizenship
- Civil Status
- Name of Mother, occupation
- Name of Father, occupation
- Permanent Address

- Landline/Mobile
- Email Address
- Website



II. EDUCATIONAL BACKGROUND

For College Students

- University
- Course and Year Level
- Titles of Research or Capstone Projects Conducted or On-going (include during High Schools)

- Grade (Cumulative Quality Point Average)

For High School Students

- School
- Track
- Strand
- Titles of Research or Capstone Projects Conducted (include during Elementary)
- Grade (Cumulative Quality Point Average)



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III. ACADEMIC HONORS, AWARDS, DISTINCTIONS

Distinction: _____ **Year Received:** _____

IV. EXTRA AND CO-CURRICULAR INVOLVEMENT

Organization	Position/Role	Activities Conducted/Attended
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V. PURPOSE

Please answer the following questions concisely and honestly.

1. What would this scholarship mean to you? (300 – 500 words)

2. At the end of the camp, scholars are expected to submit a capstone project proposal. What research or capstone project that would like to propose? (300 – 500 words)

I HEREBY CERTIFY that all information contained in this nomination and supporting documents attached herein are true to the best of my knowledge and abilities.

Signature over Printed name of Applicant

Date: _____



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ENDORSED BY:

Signature over Printed Name of Adviser

Date: _____

Signature over Printed Name of College Dean

Date: _____

or

Signature over Printed Name of Principal

Date: _____

-end of Creativity Camp information-



MECHANICS FOR THE CREATION CHALLENGE

On the spot Infographics or Brochure Design Competition

Venue: ICI Laboratory

1. This on-the-spot infographics or brochure design contest is open to all high school and senior high school students from all public and private schools in Negros Oriental.
2. A school may send a maximum of 2 entries and will be judged **individually**.
3. All participants must be currently enrolled for the school year 2017-18.
4. A maximum of 20 entries will be accommodated based on a "first to register" basis until February 12, 2018. Registration is for FREE and can be done by calling the College of Computer Studies at 4226002 local 345 or 4226033, emailing ici@su.edu.ph or online using the link provided in the previous page. It will be closed when 20 participants have registered.
5. The time and day of the contest shall be at 2:00-5:00pm on February 13, 2018 at the Mariano Lao ICI Laboratory, located at the SU High School campus.
6. On entry to the lab, each contestant will be given an assigned number which the student must attach to the monitor at the end of the allotted time. No identifying marks will be allowed to appear on their work.
7. Entries must be done and completed on the spot within the allotted time of 3 hours. Work done or prepared before the contest proper is not allowed.
8. Coaches or trainers are not allowed to come close to the contestants for the duration of the contest.
9. Specifications for the brochure:
 - Use Photoshop
 - Participants will be required to submit the .psd version of the file and not merge the layers in the design before submission
 - The brochure must be designed to be folded (bi-fold)
 - Use a resolution of 150 to 300dpi
 - The organizers will provide images that may be used by the participants or they may take photos of the building, the campus or the laboratory themselves.
 - Submit his/her work in .psd and .pdf format.

10. The winner shall be judged using the following criteria by a Board of Judges composed of faculty members of the college of computer studies and/or the arts:

Creativity - the overall visual balance and elements placed together in the work	30%
Originality & finish— the newness, the completion of the brochure and the attention to <u>good</u> quality work	30%
Overall impression & Relevance to the Theme – addresses the brochure as a whole in relation its purpose and based on the finished look	40%
	100%

11. The student-winners will be identified right at the end of the activity and will get the following cash + training certificate:
 - 1st prize – P3,000.00
 - 2nd prize – P2,000.00
 - 3rd prize – P1,000.00
12. The 1st placer school will receive P5,000.00 cash and certificate.
13. The winning brochure/leaflet will become the official property of Mariano Lao ICI Laboratory.
14. The decision of the organizers on the winners will be final.

-end of mechanics-



MECHANICS FOR THE INVENTION CHALLENGE

Quiz competition about invention & innovation in the field of technology

Venue: ICI Laboratory

1. The Invention Challenge is a quiz bowl aimed at demonstrating the knowledge of junior and senior high school students about technological inventions all over the world.
2. This is open to all high school and senior high school students from all public and private schools in Negros Oriental.
3. Participants must compose of 2 per team. A team may be eligible to participate in the contest if they meet the following requirements:
 - a. Each member of the team should be an enrolled student of the school this SY 2018-19
 - b. Both members of the team should be from the same school but does not necessarily have the same Grade level.
4. Registration is for FREE but will be limited to only 10 teams. Please register by calling the College of Computer Studies at 4226002 local 345 or 4226033, emailing ici@su.edu.ph or register online through the given link on or before February 12, 2018 to join the contest. The registration will be closed as soon as the number of teams is reached.
5. Contest mechanics:
 - a. The quiz bowl shall consist of three rounds: EASY, AVERAGE and DIFFICULT.
 - b. Each round will have corresponding point equivalents for every correct answer: 1 point each for the EASY round, 2 points each for the AVERAGE round and 3 points each for the DIFFICULT round.
 - c. A quiz master will be guiding and giving the questions and setting the timer for each round.
 - d. The allotted time will vary depending on the complexity of the round.
 - e. Questions shall be inventions and innovations in the field of computer technology only. Sample questions can be accessed at <http://www.itquiz.in/latest-tech-quiz-questions-2017/> and <http://www.abc.net.au/science/games/quizzes/2008/technology/>
 - f. Questions shall be flashed in a screen for the participants and the quiz master to read but the team may only start answering even while the question is being read/flashed.
 - g. Timer starts after the second reading of the question by the quiz master.
 - h. Each team shall be provided with a piece of paper and a marker on which they should write their answers. At the end of the time allotted for the question, the team must stop writing and should raise their paper to show their answer.
 - i. At the end of the rounds, the scores from each round will be added cumulatively and the team with the highest score wins.
6. Student-winners will automatically get the following cash prizes plus training certificate:
 - 1st prize – P3,000.00
 - 2nd prize – P2,000.00
 - 3rd prize – P1,000.00
7. 1st Placer school-winner will receive Php 5,000.00 cash and certificate.
8. All decisions by the organizers will be final.

-end of mechanics-