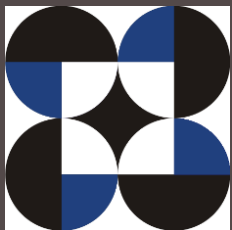


ABOUT THE NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY, PHILIPPINES

LUNINGNING
E. SAMARITA-
DOMINGO
Director IV
NAST
Philippines



WHAT IS NAST PHILIPPINES?

*AN ATTACHED AGENCY OF THE DOST.

The highest Advisory and Recognition body to the government and science community on matters related to science and technology.

WHAT IS NAST PHILIPPINES?

*AN ATTACHED AGENCY OF THE DOST.

Mandate:

- **Recognize outstanding achievements in science and technology** as well as provide meaningful incentives to those engaged in scientific and technological researches (PD 1003-A)
- **Advise the President and the Cabinet on matters related to science and technology** (EO 818).
- Engage in projects and programs designed to **recognize outstanding achievements in science and promote scientific productivity** (EO 818).
- **Embark on programs traditionally expected of an academy of science** (EO 818).

BRIEF HISTORY OF NAST PHILIPPINES

- The proposal for its creation originated from several scientists of the *University of the Philippines* and was endorsed by the *National Science Development Board* (the predecessor agency of the Department of Science and Technology) to the President of the Philippines.
- On October 6, 1976, the National Academy of Science was created by the Presidential Decree 1003.
- A subsequent amendment established instead the National Academy of Science and Technology and expanded the base of its membership.

PRESIDENTIAL DECREE No. 1003-A **December 16, 1976**

Creating the National Academy of Science and Technology

THE ACADEMY AND ITS MEMBERSHIP

The election of Academicians is the prerogative of the members of the Academy alone, following their strict rules of review and selection.

THE ACADEMY AND ITS MEMBERSHIP

68 Academicians

15 National Scientists

11 Corresponding Members

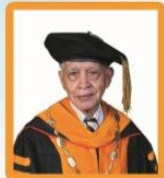
THE NATIONAL SCIENTISTS



ANGEL C. ALCALA
Vertebrate Systematics
and Ecology



CLARE R. BALTAZAR
Systematic Entomology



RAMON C. BARBA
Horticulture



GELIA T. CASTILLO
Rural Sociology



MERCEDES B. CONCEPCION
Demography



LOURDES J. CRUZ
Biochemistry



ERNESTO O. DOMINGO
Internal Medicine/
Gastroenterology



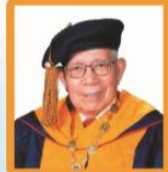
RAUL V. FABELLA
Economics



EDGARDO D. GOMEZ
Marine Biology



BIENVENIDO O. JULIANO
Organic Chemistry



RICARDO M. LANTICAN
Plant Breeding



BIENVENIDO F. NEBRES S.J.
Mathematics



DOLORES A. RAMIREZ
Biochemical Genetics



TEODULO M. TOPACIO, JR.
Veterinary Medicine



GAVINO C. TRONO, JR.
Marine Botany

THE ACADEMICIANS

The ACADEMICIANS



RAMON F. ABARQUEZ JR.
Cardiology



ELIEZER A. ALBACEA
Computer Science



ANGEL C. ALCALA
Vertebrate Systematics
and Ecology



RHODORA V. AZANZA
Botany



ARSENIO M. BALISACAN
Economics



JOSE MARIA P. BALMACEA
Mathematics



RAMON C. BARBA
Horticulture



ALLAN BENEDICT I.
BERNARDO
Cognitive Psychology



CHRISTOPHER C. BERNIDO
Physics



FILOMENA F. CAMPOS
Plant Breeding/Cytogenetics



VERONICA F. CHAN
Microbiology



GISELA P. CONCEPCION
Marine Science



JOSE B. CRUZ JR.
Electrical Engineering



LIBERTADO C. CRUZ
Reproductive Biotechnology



ALVIN B. CULABA
Mechanical Engineering



ANTONIO MIGUEL L. DANS
Clinical Epidemiology



ROMULO G. DAVIDE
Plant Pathology



FABIAN M. DAYRIT
Chemistry



ERNESTO J. DEL ROSARIO
Chemistry



SALCEDO L. EDUARDO
Veterinary and Medical
Parasitology



CEFERINO L. FOLLOSCO
Mechanical, Electrical and
Agricultural Engineering



EDGARDO D. GOMEZ
Marine Biology



RAFAEL D. GUERRERO III
Fisheries Management



EMIL Q. JAVIER
Plant Breeding



JOSE O. JULIANO
Nuclear Chemistry
and Physics



QUINTIN L. KINTANAR
Environmental Medicine



RODEL D. LASCO
Forestry



ANGEL L. LAZARO III
Civil Engineering



LEONARDO Q. LIONGSON
Water Resources Administration
and Hydrology



AURA C. MATIAS
Industrial Engineering



MARCO NEMESIO E. MONTAÑO
Biological Chemistry



JAIME C. MONTOYA
Infectious Diseases



APOLONARIO D. NAZAREA
Biophysics



CARMENCITA D. PADILLA
Human Genetics



WILLIAM G. PADOLINA
Phytochemistry



EUFEMIO T. RASCO JR.
Plant Breeding



ASUNCION K. RAYMUNDO
Microbial Genetics and
Plant Pathology



AGNES C. ROLA
Agricultural Economics



CAESAR A. SALOMA
Physics



FERNANDO P. SIRINGAN
Geology



GUILLERMO Q. TABIOS III
Civil Engineering



MICHAEL L. TAN
Anthopology



EVELYN MAE
TECSON-MENDOZA
Biochemistry



WILLIAM T. TORRES
Computer Science



GAVINO C. TRONO
Marine Botany



THELMA E. TUPASI
Infectious Disease



FILEMON A. URIARTE JR.
Chemical Engineering



REYNALDO B. VEA
Marine Transportation System
and Naval Architecture



RUBEN L. VILLAREAL
Horticulture

THE CORRESPONDING MEMBERS

The CORRESPONDING MEMBERS



ALFONSO M. ALBANO
Physics



LIWAYWAY M. ENGLE
Genetics



MANUEL M. GARCIA
Microbiology



EDUARDO R. MENDOZA
Mathematics



AMADOR C. MURIEL
Physics



BALDOMERO M. OLIVERA
Biochemistry



EDUARDO A. PADLAN
Biophysics



KELVIN S. RODOLFO
Marine Geology



REYNALDO L. VILLAREAL
Plant Breeding and
Plant Pathology

To be recognized and honored by one's own peers is a testimony to the nation's adherence to the values which science represents – intellectual honesty, objectivity, creativity, integrity, excellence and persistence in the pursuit of one's objective, independence and unbridled thinking reflective of the environment of freedom which exists to do their science. In sum National Scientists are icons of science commitment to the country's realities and hopes for a better future.

DR. GELIA T. CASTILLO

National Scientist for Rural Sociology

**2016~NAST 40TH
ANNIVERSARY**

Theme:
“NAST: 40
years in
Pursuit of
Excellence”

40TH ANNIVERSARY ACTIVITIES

- **Celebration of the NAST 40th Anniversary**

December 17, 2016

Closing Lecture:
New DOST Secretary

- **Lecture Series and Symposium for the Youth**

February 16-17, 2016 ~ Iloilo City

March 18-19, 2016 ~ Nueva Ecija

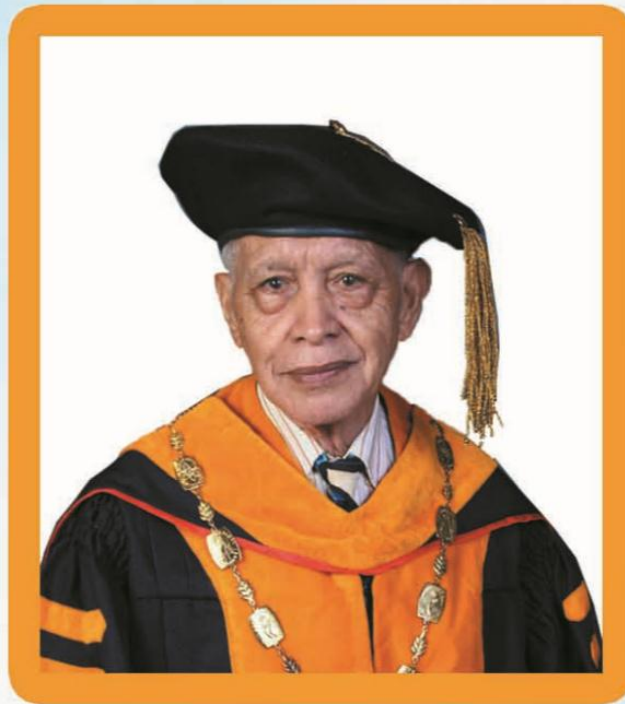
April 15-16, 2016 ~ Puerto Princesa City

August 16-17, 2016 ~ Dumaguete

October 18-19, 2016 ~ Cebu City

November 15-16, 2016 – Davao City

TRAILBLAZERS IN SCIENCE NATIONAL SCIENTIST LECTURE SERIES



RAMON C. BARBA
Horticulture

TRAILBLAZERS IN SCIENCE

- **ACADEMICIAN ALVIN B. CULABA,**
Ph.D. (Mechanical Engineering)
- **ACADEMICIAN AURA C. MATIAS,**
Ph.D. (Industrial Engineering)
- **ACADEMICIAN JURGENNE H.**
PRIMAVERA, Ph.D. (Marine Science)
- **MS. LILIAN F. PATENA, OYS 1990**
(Plant Physiology)

***“Every member is distinguished,
known nationally and internationally
in his or her own right.”***

National Scientist Gelia T. Castillo

National Scientist for Rural Sociology

DIFFERENT FUNCTIONS OF NAST PHILIPPINES

RECOGNITION FUNCTION

The Academy continues its primary mandate of giving awards to Filipino scientists and scientific and technological endeavours aimed at advancing the state of Philippine science and technology.



■ NAST Awards

- ✓ Outstanding Young Scientist (**P125,000 + P500,000 research grant**)
- ✓ TWAS Prize for Young Scientist in the Philippines (**\$2,000 + P500,000**) Outstanding Book / Monograph Awards (**P25,000**)
- ✓ Outstanding Scientific Paper Awards (**P15,000**)
- ✓ NAST Award for Outstanding Research in Tropical Medicine (**P50,000**)
- ✓ NAST Environmental Science Award (**P50,000 + 1 Million research grant**)
- ✓ NAST Talent Search for Young Scientists (**P50,000 - 1st; P30,000 - 2nd; P20,000 - 1st**)
- ✓ Dr. Geminiano T. de Ocampo Visionary Awards for Medical Research (**P100,000**)

**** Deadline of Submission:**

Last working day of November each year

RECOGNITION FUNCTION

■ DOST Awards

- NSTW Awards (**P150,000**):
 - Outstanding Research And Development Award (Eduardo A. Quisumbing Medal – Basic Research)
(Julian A. Banzon Medal – Applied Research)
 - Outstanding Technology Commercialization Award (Gregorio Y. Zara Medal)
 - Outstanding Science Administrator Award (Dioscoro L. Umali Medal)
- Magsaysay Future Engineers / Technologist Award

** Deadline of Submission:

Last working day of November each year



ADVISORY FUNCTION



- By virtue of Executive Order 818 series of 1982, the Academy was formally designated to serve as **adviser to the President of the Republic of the Philippines** and the cabinet on policies concerning science and technology in the country. NAST deliberates regularly on issues and concerns arising within the Philippine scientific community.

Through its advisory activities, NAST has been able to bring science and technology closer to the lives of the Filipino people.



ADVISORY FUNCTION

- **38th Annual Scientific Meeting (2016)**
“LOOKING BACK AND LOOKING FORWARD”
- **Science Legislative and Information Fora**
- **Science and Technology Policy Forum**
- **Conferences**
- **Speakers Bureau (We can have this in the region)**

It aims to gather and bring experts in various fields to lend their expertise to academic institutions or any interested organizations who are in need of speakers and resource persons on any science-related issues

PREVIOUS SPEAKERS BUREAU: Region I (Laoag, Ilocos Norte), Region II (Basco, Batanes; Cauayan, Isabela; Tuguegarao, Cagayan Valley), Region IV-B (Puerto Princesa City, Palawan), Region V (Legaspi City), Region VI (Jordan, Guimaras), Region VII (Tagbilaran City, Bohol; Cebu City, Cebu), Region VIII (Catbalogan, Samar), Regional IX (Zamboanga City), Region X (Nabunturan, Compostella Valley), CARAGA Region (Butuan City, Agusan del Norte)

SCIENTIFIC LINKAGES FUNCTION

- NAST's commitment to international and national linkages are aimed at:
 1. Promoting **collaborative efforts** among Filipino scientists and between Filipino and Foreign scientists;
 2. **promoting and encouraging scientific cooperation** through Scientists Exchange Visit Program under the memorandum of agreement between NAST and a foreign science academy;
 3. **endorsing participation** in international conferences, meetings, fora, seminars, workshops and similar scientific activities; and
 4. **publishing and exchanging scientific literature**.

SCIENTIFIC LINKAGES FUNCTION

As of 2016, the Academy has maintained linkages with 29 science academies and institutions all over the world.

- 15 International Scientific Linkages
- 9 Affiliations to International Scientific Networks
- 5 Local Scientific Linkages

These linkages have enabled the promotion of collaborative effort among Filipino and foreign scientists through the exchange scientists program. Access to research findings has been facilitated through the exchange of books and other scientific materials.



PHILIPPINE SCIENCE HERITAGE CENTER

- Philippine Science Heritage Center (PSHC) was created under Republic Act 9107 to be the country's main repository of the contributions, achievements, and accomplishments of Filipino scientists in the field of science and technology.
- PSHC Activities (**We can have this in the region**):
 - Holds tours for schools, colleges, and universities.
 - Organized seminars for Elementary and High School Students



PHILIPPINE
SCIENCE
HERITAGE
CENTER

SALINLAHI
Symposium

**MEET YOUR
SCIENTIST**

SALINLAHI
GURO NG SIYENSIYA

RESEARCH PERFORMANCE EVALUATION (RPE)

Evaluation and Improvement of the Research Publication and IP Productivity of the DOST R&D Institutes (Year 2 of 3)

- **MODULE 1** – *Capacity building in the countryside*
- **MODULE 2** – *Strengthening the Scientific Foundation*
- **MODULE 3** – *Using science, technology and innovation for inclusive development*
- **MODULE 4:** Science, Technology & Innovation for National & Global Sustainability

**Regional Seminar Workshop on Research
Upgrading and Performance Evaluation**



**DOST Region 4A - Los Baños, Laguna
March 19-20, 2015**

**Regional Seminar Workshop on Research
Upgrading and Performance Evaluation**



**DOST Region 4B - Puerto Princesa, Palawan
May 19-20, 2015**

**Regional Seminar Workshop on Research
Upgrading and Performance Evaluation**



**DOST Region 1 - San Fernando City, La Union
June 2-3, 2015**

**Research Performance Evaluation - Module 3
Regional Consultative Workshop on Research and
Technology Generation for Local Development**



**DOST Region XI - Davao City
August 17-18, 2015**

**Research Performance Evaluation - Module 2
Regional Seminar Workshop on Research
Upgrading and Performance Evaluation**



**DOST Region XIII - Butuan City
September 14-15, 2015**

**Regional Seminar Workshop on Research
Upgrading and Performance Evaluation**



**Dipolog City, Zamboanga del Norte
December 16-17, 2014**

**Research Performance Evaluation - Module 2
Regional Seminar Workshop on Research
Upgrading and Performance Evaluation**



**DOST Region VIII - Tacloban City, Leyte
November 8-9, 2015**

**Research Performance Evaluation - Module 2
Regional Seminar Workshop on Research
Upgrading and Performance Evaluation**



**DOST Region II - Tuguegarao City, Cagayan
December 7-8, 2015**

SCIENTIFIC CAREER SYSTEM

“A SYSTEM OF RECRUITMENT, CAREER PROGRESSION, RECOGNITION, REWARD AND ATTRACTION OF SCIENTISTS IN THE PUBLIC SERVICE.”

- Established through Executive Order 901 on 19 July 1983 issued by late then President Ferdinand E. Marcos.

■ INCENTIVES AND BENEFITS

Conferment of scientist rank is accompanied by increase in salary.

- Scientist I - SG 26
- Scientist II - SG 27
- Scientist III - SG 28
- Scientist IV - SG 29
- Scientist V - SG 30

■ OTHER ENTITLEMENTS

- RATA
- Magna carta benefits
- Travel assistance (local)
- Membership in one international scientific organization and/or subscription to scientific journals
- Publication assistance
- International paper presentation

HOW TO BE PART OF THE DIFFERENT NAST ACTIVITIES:

- Write a formal letter of request to NAST.
- Address the request to:

MS. LUNINGNING E. SAMARITA-DOMINGO

Director IV

National Academy of Science and Technology

3rd Floor, Science Heritage Building, Bicutan, Taguig City

Telefax: (+63) (02) 837-3170

Email Address: secretariat@nast.ph

HOW TO BE PART OF THE DIFFERENT NAST ACTIVITIES:

■ NAST PHL DELIVERABLES:

- **Honoraria for speakers and facilitators.** Identification of speakers and facilitators will be based on the suggested program as attached also in this proposal.
- **Airfare costs** of the speakers and the NAST Secretariat.
- **Representation expenses** for the entire duration of the training workshops which shall include provisions for AM and PM Snacks and Lunch (including ready supply of coffee). Breakfast and Dinner for speakers, facilitators and staff shall also be shouldered.
- Expenses on the **reproduction of various training materials.**
- **Registration Kits** if applicable.
- **Certificate of Appearance or Participation** for the participants.
- **Certificate of Appreciation and token** for speakers.

HOW TO BE PART OF THE DIFFERENT NAST ACTIVITIES:

■ **DOST REGIONAL OFFICE DELIVERABLES:**

- Identification and invitation of participants and stakeholders
- Documentation and technical assistance
- Provision of technical equipment (Projector and screen, Laptop and laser pointer, microphones, speakers, etc.)
- 1 Regional staff - technical support
- 2 Regional staff – registration
- 1 Regional staff - moderator
- Regional Director – Welcome Remarks
- Registration (attendance) sheets
- Photo documentation of the two day event.
- (if possible) local travel assistance for airport and venue transfers
- Local coordination during the whole activity including:
 - Identification of food and venue provider for the event.
 - Identification of hotel and its arrangement for the accommodation of the NAST Secretariat and speakers.

**Collectively, the Academy
represents the best of what
this country has produced in
the science and technology.**

GELIA T. CASTILLO, PH.D.

National Scientist for Rural Sociology

***“THE SYMBOL OF NATION’S
COMMITMENT TO SCIENCE AND
TECHNOLOGY”***



**Ms. Luningning E. Samarita-
Domingo**

Director IV

**National Academy of Science and
Technology**

**3rd Floor, Science Heritage Building,
Bicutan, Taguig City**

Telefax: (+63) (02) 837-3170

Email: secretariat@nast.ph

**For more
information
please
contact:**

THANK YOU.