

ABOUT THE AUTHORS

PAULO C. CAMPOS, Academician. Doctor of Medicine, University of the Philippines, 1946. President, National Academy of Science and Technology. A man who is used to being first in any endeavor he pursues, Dr. Campos topped the first Medical Board Examination given after World War II (1946) with a grade of 90.85%. He established the first and best known Radioisotope Laboratory in the U.P. and in the country for that matter as well as the first Research Laboratory in the College of Medicine UP-PGH.

President Ferdinand E. Marcos bestowed on him a Presidential Commendation last December 30, 1968 for bringing out a comprehensive Community Health Program. Among his other awards are: the 1960 and the 1968 Philippine Medical Society Basic Award and an outstanding scientist awardee by the Philippine Association for the Advancement of Science, Gregorio Y. Zara Award in 1969. His name is found in the World Who's in Science from Antiquity to the present (1967), Who's who in Atoms of England, and in the Philippine Men of Science.

Noting the prevalence of goiter among Filipinos, he established the Thyroid Clinic at the UP-PGH Medical Center. He gets first hand knowledge of medical developments by post graduate studies (which he did in three renowned schools in the United States), observation studies, fellowships, and grants as well as seminars, conferences and congresses, mostly international. Every inch a professional, Dr. Campos is professor, consultant, researcher-scientist, executive, editor-writer and civic leader in addition to overly-tight timetable as a leading physician-surgeon.

MELECIO S. MAGNO, Academician. Ph.D. in Physics, 1958, John Hopkins University, Minister, National Science Development Board and currently Assemblyman, Interim Batasang Pambansa. He holds a B.S. in Mining Engineering, *cum laude*, class '44 from U.P., and M.S. in Physics and a Ph.D. in Physics in 1959-both of which he completed from John Hopkins U. In 1974, he finished his post-doctoral at the University of Colorado and National Oceanic and Atmospheric Administration, U.S.A. Right after graduation from college, he started out as assistant instructor in Physics at the College of Arts and Sciences, U.P. During the war, from 1943 to '44, he served as seismologist at the Weather Bureau, now PAGASA. After which, he went to his hometown to teach for two years. With the war over, in 1946 he returned to U.P., this time as Physics instructor and rose to be the vice-president for Academic Affairs until 1975 — when he assumed the chairmanship of NSDB.

Getting into print were some of his researches, among which were "Absorption and Fluorescence Spectra of Hexagonal SmCl_3 and their Zeeman Effects" which he authored with G.H. Dieke in the Journal of Chemical Physics (USA), 1962; and a college textbook titled "University Physics" 1969, co-authored by J.F. Asperilla and Science Deputy Minister S.V. Roxas.

ENCARNACION ALZONA, Academician. Ph. D. Columbia University. She has become specialized in Philippine History. Dr. Alzona has received several national awards in recognition of her dedication to historical writings that brought about Philippine history in a nationalistic perspective. Among these awards are: Republic Cultural Heritage Award for Historical Writing in 1966, Rizal Pro-Patria Award and Apolinario Mabini Memorial Award. The Philippine Women's University had conferred on her a degree of Doctor of Laws, *honoris causa*. She is engrossed on researches involving important people and events in Philippine past, one of these is about T. H. Pardo de Tavera. With these series of works, she initiated the translation of several works of our national heroes from Spanish to English. She sees a fair chance of getting these published in the future.

BIENVENIDO FLORENDO NEBRES, Ph.D. Mathematics, Stanford University, California, 1970. A Jesuit, he is the Dean of the School of Arts and Sciences, Ateneo de Manila University where he has been a faculty member since 1963. Father Nebres served as a visiting Professor of both the Department of Mathematics, Monash University in Australia as well as the Department of Mathematics, Sophia University in Tokyo. A noted Mathematician, he has researched and published extensively on the subject. He is the president of the Mathematics Society of the Philippines from 1973 up to now and of Southeast Asia (1977-1978). The roster of the Mathematics Society of America includes him.

LUZ B. OLIVEROS-BELARDO, Academician. Ph.D. in Pharmacy, University of Connecticut, 1957. A science educator, school administrator, researcher, wife, mother and big sister rolled into one, she is still actively and attentively engaged professionally at 74. Her main interest is phytochemistry. De la Salle University has her as visiting Professor in Chemistry, though she conducts researches there since 1979 — specifically on essential oils. The Philippine Women's University had conferred on her a Doctor of Science, *honoris causa* degree, among the many awards given her by said university. For a time she was a visiting professor at Texas Southern University. She has a variegated professional experiences: head, chairman, vice-president, consultant, and professor of various universities and/or research agencies. Because of the zeal and dedication to her profession, she has been an awardee of various plaques, diploma of merits, and citations.

ALFREDO C. SANTOS, Academician. National Scientist. Dr. Phil. While serving as professor in the University of the Philippines, Dr. Santos concentrated his research on *Phaenthine*, dealing mostly on chemical structure elucidation. His researches on herbal plants were guiding lights to the career of many of his students who are now, like him, accomplished scientists/researchers. One of his earlier works, "The Isolation and Chemical Characterization of the Alkaloid *Phaenthine* from *Phaentus ebracteolus* (Presl.) Merr.", made him win the Anacleto del Rosario gold medal in 1931. He also isolated several other alkaloids, such as *anonaine* from *Anona reticula* and suaveoliness. Because of his efforts, he was cited for his "Outstanding Achievements in the Field of Chemistry of Alkaloids" by the late President Ramon Magsaysay in 1954. Twenty years later, he was selected the "Most Outstanding Scientist" by the Philippine Association for the Advancement of Science.

JOSE RAMIREZ VELASCO, Ph., D., University of California, 1949. Field of specialization: Agricultural Chemistry, Plant Physiology, and Comparative Biochemistry. Appointed in 1969, he was the Commissioner of the National Institute of Science and Technology for eight years. He has an extensive research work in agriculture especially those dealing with the problem of Cadang-cadang, a grave disease of coconut plantations specifically in the Bicol Region way back in the 50's. His membership with various science organizations stems from the fact that he is an active scientist-researcher and an award winner at that.

CLARA Y. LIM-SYLIANCO, Academician. Ph.D. in Biochemistry and Organic Chemistry, University of Iowa, 1957. She teaches at the Department of Chemistry College of Arts & Sciences and Professorial Lecturer, Department of College of Medicine, both of the University of the Philippines. Her present research trust is on the "Mutagenicity Potential of Philippine Medicinal Plants" and "Antimutagenic Effects of Some Vitamins." At this stage, it has already attracted many camps like food nutritionists and ecologists. Adding to her achievements are several chemistry books which she had written, namely: *Principle of Organic Chemistry*; *Modern Series of Molecular Biochemistry: Nucleic Acids, Protein, Carbohydrates, Lipids*; *Laboratory Manual in Organic Chemistry* and *Laboratory Manual in Biochemistry*. She has been a recipient of various awards, fellowships, travel grants and citations.

GEMINIANO T. DE OCAMPO, Academician. Doctor of Medicine, University of the Philippines, 1932. Professor Emeritus at the University of the Philippines, he is the Director and Ophthalmologist of De Ocampo Eye Hospital. He has received no less than 29 awards in medical researches, mostly first prize in various contests. Conferred with 22 honors, among which are the "Republic Cultural Heritage Award for Filipino, Life Scientist, 1965; Jose Rizal Award for Excellence in Ophthalmology, Asia-Pacific Academy of Ophthal-

FILOMENA FORTICH CAMPOS, Ph.D. in Cytogenetics, University of Maryland, 1955. She is Professor and Director of the Research and Development Center, Central Luzon State University, Muñoz, Nueva Ecija, since April 1970. Prior to this assignment, she was Professor and Director of Research at the Central Mindanao University, November 1966 to April 1970. A University scholar and *magna cum laude* graduate from the University of the Philippines, she has been a consistent scholar throughout college. Among her awards are the Presidential Golden Plow Award for Public Service, 1976, the Ayala Award as one of the Outstanding Scientists, 1974 and the Gregorio Y. Zara Scientist Award, 1973. Through the CLSU, she pioneered sunflower research in the Philippines some years back. Funded by the National Science Development Board, the project is multi-disciplinary and total in approach, covering all the important aspects relevant to the development of a package of sunflower technology.