



University of the Philippines Manila

Leading the Way

Annual Report 1997

About the Cover



The front and back covers are photos of two of the four murals of the great master himself, Carlos "Botong" Francisco displayed on the walls of the lobby of the Philippine General Hospital.

The murals depict the history of medicine in the Philippines. The back cover mural is that of a Babaylan who, before a gathered community, treats a moribund patient with potions, incantations and offerings.

The front cover mural depicts the taking over of the Filipinos of these methods and their supposed inexorable march towards progress.

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Leading the Way Towards the Third Millennium

Integration, Innovation and Internationalization

As I fulfill my fourth year as Chancellor of the University of the Philippines Manila, I am thankful for the commitment and passion exhibited by all sectors and constituents to our common cause, that of pushing UP Manila to greater heights, to have UP Manila be of greater service to the nation, to produce more relevant and responsive health care givers and professionals and to provide equity, access and efficiency in health care delivery in support of national efforts.

This is what gives us strength; this is the external spring from which we draw sustenance. What UP Manila is and can be to our nation, what we are and can be to those who have less.

Ever conscious of our social contract with the Filipino people and amid the country's growing health needs and challenges, UP Manila worked hard not only to maintain its status as the country's premier university in the health sciences and the professions but also to enhance its leadership role in health research, policy advocacy, and decision making.

We strengthened existing programs in teaching and research, making them relevant to contemporary realities even as we broke new grounds with new curricular offerings, new research facilities, and revitalized research mechanisms, new and more responsive extension services, and urgent massive infrastructure projects, all of which were realized through government support and external donations. Our community service and other volunteer programs being implemented through the Philippine General Hospital and the Ugnayan ng Pahinungod continue to expand tremendously and have been institutionalized to reach out to more needy sectors in far flung areas of the country.

UP Manila also laid the groundwork for a number of responsive programs and critical



Chancellor Santos Ocampo accessing the EMERALDS with Dr. Pacita Zara and a medical student

projects that will improve the country's health situation more so as they continue to be fully operationalized. Some of these include the National Institutes of Health, the Graduate School, the Telehealth Center, and pioneering programs in the Philippine General Hospital such as the Crisis Center, the Child Protection Unit, the Spine Unit, Organ Transplantations, and Cardiac Catheterization Programs.

I am extremely impressed by and grateful for the solidarity and harmonious teamwork which has prevailed on campus during the past three years. We have aimed high and we have hit our targets.

Planning for the future is a daunting matter, but I am confident that we will overcome obstacles and create opportunities to be able to even be of greater service to our country. We should continue to lead the way even while helping others improve performance. During the year as in the past years, three key mechanisms predominated as strategies: innovation, integration, and internationalization.

With the blessings of the Omniscient Almighty from whom all wisdom comes, there is greater hope that we can continue to succeed in achieving our mission and accelerating the momentum.

Perla D. Santos Ocampo
PERLA D. SANTOS OCAMPO, M.D.



Surging Ahead: Highlights of 1997

The year 1997 was essentially a reaffirmation of the vision presented by Chancellor Perla D. Santos Ocampo when she was first appointed in 1993: to put UP Manila in the service of the Filipino people by providing excellent and responsive leadership in health and related professions. Her reappointment by the Board of Regents in July 1997 augured well for the consolidation of the gains achieved during her first term and for the full operationalization of the programs initiated during this period.

These achievements and their impact on the quality of health of Filipinos can be assessed in terms of four major functions: education



The PGH complex which houses the UP Manila administration on the 8th floor

and training of scholars, practitioners and leaders in health, the social sciences, the natural sciences and the humanities; generation of knowledge and new technologies through its researches and related works; provision of varied extension services to an increasing number of government and private institutions and communities; and provision of direct health care services through the Philippine General Hospital and the *Ugnayan ng Pahinungod*.

In all four areas, UP Manila continued to maintain its status as the country's premiere learning institution in the health sciences and to enhance its leadership in research-based health policy advocacy.

As part of its thrust for continued relevance, another Assessment, Reaffirmation, and Visioning (ARV) workshop was conducted to assess current programs and activities and the extent these have contributed to achieving the University's goals, affirm doable projects for 1999, and define a vision of UP Manila as a nationally relevant global center of excellence.

Among other things, the workshop participants discussed whether the mission of UP Manila is still relevant for the 21st century. Cognizant of the need to strengthen UP Manila's presence in the region, the participants revised the mission to include the university's global competitiveness and its relevance not only as a learning institution but as an educational center in the health sciences. A clause on interdisciplinary/transdisciplinary strategy and on democratized access to UP education was added. The revised mission will be presented for approval by the appropriate bodies.

Under academic programs, efforts were focused on strengthening existing curricular programs to make them more responsive to current needs and realities, promoting new curricular offerings especially the graduate programs on environmental health and rehabilitation science and those offered through distance education, and implementing support programs such as the Learning Resource Center and full computerization of registration.

For research, the major accomplishments were the completion of the National Institutes of Health building, continued lobbying for the passage of the

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NIH bill, provision of funds for the establishment of the first speech laboratory and the upgrading of the genetic and congenital anomaly laboratory, the upgrading of research facilities, increase of funding support for health policy studies and for social and humanistic studies in health, provision of more research support services and opportunities through increased faculty grants and professorial chairs, and launching of new research programs in child protection and touch therapy, biotechnology and molecular biology.

The PGH continued to serve as the country's premiere service institution in health care, delivering various health care services to more than half a million patients as of September and training thousands of students and health workers including those from other institutions. To improve patient care, programs were instituted on emergency medical training and computerization while plans for the hospital's modernization were finalized and included in the UP Modernization bill. The operationalization of highly specialized programs in PGH such as the Spine Center, cardiac catheterization, and open heart surgery is expected to provide patients with advanced diagnostic facilities and quality treatment.

More communities and more deprived sectors were served by the programs of the Ugnayan ng Pahinungod. As of December 1997, 753 new volunteers joined the program. Some 6,422 Filipinos from as far as Bukidnon, Sulu, and Tawi-tawi received medical, dental, and surgical services during the missions, while thousands more benefited from other programs such as tutorial, affirmative action, and streetchildren program. A massive information drive was waged to recruit teachers for the recently-launched Gurong Pahinungod program.

The strengthening of existing programs and the



Signing of the memorandum of agreement for the Child Protection Unit

major initiatives launched during the past three years were matched by a corresponding program of academic and administrative support services that included a massive infrastructure program, productive resource generation activities, expansion of networks and linkages, upgrading of library and information technology capabilities, staff development activities, enhanced promotion of faculty, staff, and student welfare and provision of support for culture and artistic activities in line with the thrust towards developing not only excellence among its constituents but also a deeper and sustained appreciation for and understanding of Filipino art, history, and culture.

The thrust towards holistic health was highlighted by the 89th UP Manila Foundation Week Celebration from June 16-21, 1997 with the theme "Kalusugan, Kamalayan, Kabansaan: UP Manila Sa Siglo 21" and by the foundation day celebrations of each college/unit.

The University-wide celebration was marked by exhibits, symposia on giftedness and traditional medicine, launching of publications and the University Library Cybernook, launching of graduate school publications, recognition for retirees and loyal employees, singing and poster and photo contests, conferment of outstanding



Former PGH director Dr. Felipe Estrella, Regent Nelia Gonzales, Chancellor Perla Santos Ocampo, Atty. Rene Cayetano, Science and Technology Secretary William Padolina, Dr. Carmencita Padilla, and UP President Emil Q. Javier, during the "Gabi ng Parangal" of the 89th UPM foundation celebration.

awards to groups and individuals who have made exceptional achievements during the past year, and recognition of the year's awardees as cited by local and international award-giving bodies.

One of UP Manila's contributions to the nationwide celebration of the centennial of the Philippine Revolution and of the 90th year of UP in 1998 is hosting the launching rites in keeping with its role as the original and mother unit of the University. Plans were finalized for the launching of the celebration which will focus on the theme "Nationalism, Scholarship, and Service to the Nation."

Preparations were started for the year-round activities that include a lecture series, art and garden exhibits, photo exhibits, historical tours, concerts, cultural presentations, historical plays, book launchings, University-wide and college-wide foundation celebrations, sports tournaments and the ground breaking ceremonies for the Apolinario Mabini Carillon.

President Fidel V. Ramos was invited as guest

of honor and speaker for the launching ceremonies on January 28, 1998 at the PGH Quadrangle. Scheduled for launching during the program are the UP Decade 1998-2008, the UP Centennial Web Site, the P1 Billion Centennial Alumni Endowment Fund, and the Apolinario Mabini Carillon.

The lecture series will tackle the role of the University in the centennial celebration, a chronicling of the 100 years of the health professions (medicine, public health, nursing, dentistry, and pharmacy) which will later be published, gender responsive health programs and other priority health issues. A committee chaired by Chancellor Perla D. Santos Ocampo and the UPM Lupon ng Sentenaryo will spearhead the centennial celebration.



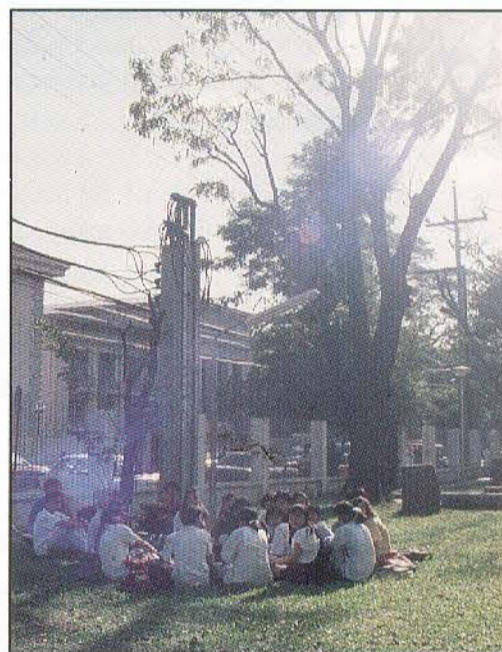
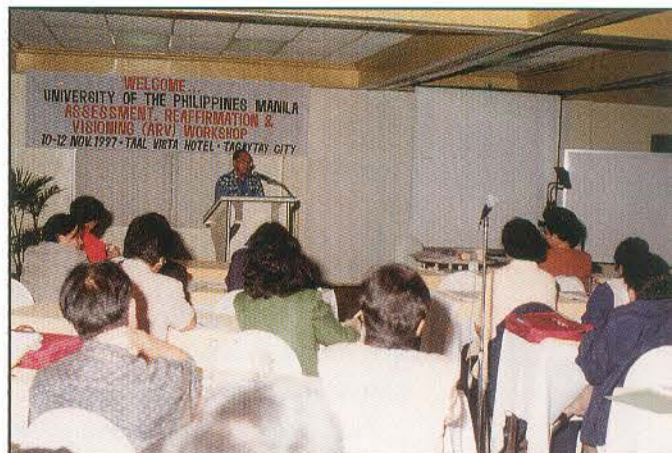
Gift-giving among PGH patients

The year was capped by the Christmas Celebration which was marked by various activities focusing on the theme "*Kapayapaan, Katiwasayan, at Kaisahang Pandaigdig.*" Activities included the Thanksgiving Mass, the giftgiving among PGH patients, the variety show where top showbiz celebrities and UP Manila performers cheered up and entertained patients, the traditional lantern parade, the choral fest, the facade decor contest, the Palarong Pilipino, the ward carolling, and the light-a-tree, ward cleanliness and decoration contests among the PGH departments.



Mission and Goal

The University of the Philippines Manila shall constantly strive to become an outstanding and relevant institution of higher learning. Thus, it shall provide the highest quality of advanced instruction, professional training, basic and applied research, and community service, and thereby produce outstanding scholars, practitioners, and leaders in the fields of health, the natural sciences, the social sciences, and the humanities.





Reaping Laurels: Awards & Achievements

College of Nursing

Center of Excellence in Nursing Education
by the Commission on Higher Education
(CHED)

College of Medicine

Center of Excellence in Medical Education
by CHED

College of Allied Medical Professions

Bronze Award, Health Action Management
Information System, DOH

Dr. Perla D. Santos Ocampo

Saint Brother Miguel Fabros Cordero
Medal by De La Salle University
College of Medicine

Outstanding Professional for Medicine by the
Professional Regulation Board

Philippine Pediatric Society Golden
Honoree for Child Advocacy Programs and Internal
Networking

Achievement Award, Dagupan City
National High School

Dr. Tessa Tan Torres-Edejer

The Outstanding Young Filipinos (TOYF)

Dr. Edward Wang

Outstanding Young Scientist Award
National Academy of Science and Technology
(NAST)

Dr. Antonio Dans

Outstanding Young Scientist Award,
NAST

UP Manila Chorale

Grand Prize
Cantar Villamcicos

UP Manila Debate Circle

Finalist, Metro Pacific Challenge

Prof. Ricardo de Ungria

National Book Award for Poetry (Body English)

Prof. Laurie Ramiro

Most Outstanding Faculty of CAS

AWARDEES OF THE UP ALUMNI ASSOCIATION

Prof. Thelma Corcega

Professional Award in Nursing

Dr. Natividad Gervasio

Professional Award in Dentistry

Dr. Dennis Batangan

Professional Award in Public Health

Catalina Cruz-Sanches

Professional Award in Pharmacy

Norma Camesa-Espiritu

UPAA Service Award

Edward Vincent S. Faustino

The Outstanding Students of the Philippines
Outstanding Graduate Award

AWARDEES OF THE UP MANILA ALUMNI ASSOCIATION

Consuelo G. Arabit, PGHSN '36

Outstanding Professional in Nursing

Dr. Felipe Estrella, MD '55

Outstanding Professional in Medicine

Dr. Primo Gonzales, DDM '52

Outstanding Professional in Dentistry

Carmencita S. Loyola, BS Hygiene '53

Outstanding Professional in Public Health

Bernadette M. Reyes, BSPT '74

Outstanding Professional in Physical Therapy



**AWARDEES OF THE UP MANILA
FOUNDATION CELEBRATION**

Dr. Felipe Estrella
Natatanging Gawad Paglilingkod

Dr. Andrew D. Dimacali
Most Outstanding Teacher

Dr. Mary Ann Lansang
Most Outstanding Researcher

Prof. Brigitte Lao-Nario
Most Outstanding Extension Worker

Dean Barbara Leticia B. Gutierrez
Most Outstanding Alumna

Dr. Nestor S. Bautista
Most Outstanding Artist

Lilibeth T. Eusebio
Most Outstanding Research, Extension, and
Professional Staff (REPS)

Edward Vincent Faustino
Most Outstanding Student

Ester Gatchalian
Lucia Juguan
Most Outstanding Supervisors

Glenda Tubay
Jesus Sulla
Pedro D. Degala
Most Outstanding Employees

Mu Sigma Phi Sorority
Most Outstanding Student Organization

Avegail Nuestro
Most Outstanding Athlete

OTHER AWARDEES

Dr. Amelia R. Fernandez
PPS Golden Honoree for Computerization of
PPS Society Membership List

Dr. Luis M. Mabilangan
PPS Golden Honoree for the Establishment of
Nurseries and Initiation of Residency Training
Programs

Dr. Carmelo A. Alfiler
PPS Golden Honoree for the Promotion of
Camaraderie through Cultural Projects

Dr. Vicente Belizario, Jr.
Raul J. Rivas Memorial Award for Research in
Philippine Medicine

Dr. Vicente Belizario, Jr.

Dr. Theresita Lariosa

Dr. Arturo Pesigan
Philippine Medical Association (PMA) Award
for PMA-Abbott Research Contest, 3rd place

Dr. Leticia Ibañez
Dr. Augusto P. Camara UP Medicine Fund for
Academic Excellence

Dr. Coralie Therese Dioquino-Dimacali
Outstanding Teacher for Clinical Sciences
UPMASA Missouri Illinois Chapter

Dr. Merle F. Dela Cruz Odi
President, Asian Oceanic Society of Regional
Anaesthesia

Dr. Manuel V. Silao
Vice-President, World Federation Society of
Anesthesiologists, 1996-2000



Dr. Alfonso Doloroso

Most Outstanding Project by an Affiliate Specialty Society of PMA for establishing the Philippine Society of Anesthesiologists Foundation for the Advancement of Anesthesiology

Ma. Dulce Solomo

First Prize, Gruppo Medica Award for the Most Outstanding Research on Herbal Medicine

Jacqueline Leonor

Third Place, Gruppo Medica Award for the Most Outstanding Research on Herbal Medicine

Dr. Ernesto Uichanco

Dr. Mario Festin

PMA Raul Rival Research Awards

Dr. Aurora Yapchiongco

Julita V. Sotejo Medallion of Honor
UP Nursing Alumni Association International

**UP MEDICAL ALUMNI SOCIETY
AWARDEES**

Dr. Alendry Caviles

Most Outstanding Alumnus

Dr. Ruben Bunag

Outstanding Overseas Alumnus

Dr. Roel A. P. Romero

Outstanding Educator

Dr. MacArthur Elayda

Outstanding Overseas Researcher

Dr. Edward H. M. Wang

Outstanding Researcher

Dr. Jose Peczon

Community Service Award

Dr. Dennis Labayen

Dr. Lorna S. Labayen

Distinguished Community Service

Dr. Estrella Gonzaga

Distinguished Community Service

UP Medicine Class of 1956

Outstanding Class

Dr. Augusto Camara Family

Alumnus Family

Sustaining National Leadership in Health; Strengthening Regional Presence



Current developments in health and medicine here and around the world and rapid technological changes became major imperatives for UP Manila's review of existing programs and institution of new courses both at the undergraduate and graduate levels. This is to ensure not only the excellence of its programs but also their relevance to contemporary needs and realities, and consequently, to make UP Manila's presence strongly felt in the region.

Among the existing curricula reviewed were the BA in Political Science, the Integrated Arts and Medicine (INTARMED) program, and the Certificate of Community Health Nursing program of the School of Health Sciences which was revised and upgraded into a Bachelor of Science in Nursing. The University Council approved the upgrading during its December 12, 1997 meeting. This will hopefully pave the way for the inclusion of nursing graduates of the School in the nursing licensure examinations.

Two new undergraduate programs were offered: the BS Biochemistry and BS Computer Science programs of the College of Arts and Sciences which had 38 and 32 enrollees, respectively. The full implementation of the INTARMED program was postponed pending resolution of the problems identified after consultations with all the concerned units and committees have been completed. The revised admission rules of the College of Medicine were implemented. The revisions aim to achieve a balance between democratization/access and maintenance of high standards.

Through the SHS, UP Manila participates in the Innovative Health Science Education Partnership project of the DOH to promote the

adoption of the step-ladder, community-oriented system of medical education by other medical and health science schools around the country. At the international level, SHS continues to serve as a field study center for individuals and groups coming in to observe community-oriented and community-based education of health students.

Plans are being finalized for the admission of DOH-sponsored scholars at the SHS. Republic Act 7883 provides barangay health workers with scholarship benefits in the form of tuition fees in state colleges to be granted to one child of every barangay health worker who can then take advantage of the SHS program.



The Graduate School for the Health Sciences

UP Manila is the only university in the country which has a graduate school for the health sciences. The School was established in 1995 to coordinate the offering of graduate programs and to formulate multidisciplinary strategies to graduate education.

As part of its vision for a strengthened graduate education, more graduate



programs were finalized and planned during the past year.

At present, UP Manila offers a total of 25 graduate programs in the fields of biochemistry, physiology, pharmacology, clinical medicine, clinical epidemiology, occupational and environmental health, microbiology, parasitology, nursing, public health, nutrition, hospital administration, dental public health, orthodontics, pharmacy, health professions education, and recently, environmental health and rehabilitation science. The excellent curriculum and relevant orientation of these programs attract students not only from the Philippines but also from other countries.

In line with the thrust towards strengthening its graduate programs is a corollary program for enhancing the competence of its graduate faculty. Already, some 36 faculty members were recommended for master's and Ph D studies in top US and Asian universities in the fields of molecular biology, tropical medicine, environmental health, toxicology and others. Thirteen of these faculty members started taking their studies in 1997, 15 are scheduled in 1998 and 8 in 1999.

For a more effective management and monitoring of graduate programs, guidelines and procedures were systematized, and coordination with the colleges/units was improved through the creation of standing committees, publications, and regular meetings.

In response to the increased need for environmental health experts as a result of industrialization and concomitant environmental health problems and concerns, a new tracking on Environmental Health under the existing Doctor in Public Health program was instituted.

Another existing graduate program, the Master of Occupational Health tripled its enrollees because of the institution of a night program to accommodate working occupational health professionals. The Postgraduate Course in Occupational Health and Safety held 3-4 times a year with about 60-100 students per course continued to familiarize new occupational health professionals with their jobs.

The Master of Rehabilitation Science (Speech Pathology), which was approved by the Board of Regents on June 26, 1997, was offered during the second semester of AY 1997-1998. The College of Allied Medical Professions thus becomes the first tertiary institution in the Philippines to offer a graduate program in the field of rehabilitation science. The MRS (Speech Pathology) is designed to raise the standards of practice by providing advanced training in research, organization, management, and clinical practice.

The MA Health Policy Studies program is in the final stage of crafting. A joint offering of CAS and CPI, the program will be offered in two tracks - one in public health and another in health social science.



In varying stages of review and analysis are the following graduate offerings: the MA in Health Policy Studies with tracks in social science and public health (a joint offering of the College of Public Health and the College of Arts and Sciences), the MA Development Studies, the MD-Ph D, the MHPed with a new track in medical science, MS Anatomy, MS Toxicology, Diploma/MS/Ph D Molecular Biology, the MS Dentistry (Endodontics), the Master in Clinical Pharmacy, the Doctor of Public Health in Nutrition, and the Master in Community Dentistry.

To better promote its programs and disseminate the guidelines for admission to its graduate offerings, the School published and launched the Code of Graduate Studies in June 1997, along with the Graduate School Flyer, the Graduate School Student Handbook, and the Graduate School application materials.

Around 80% of the students enrolled in the three distance education course offerings of UP Manila are health professionals/workers from local government units and DOH. The Distance Education MA in Nursing (with Maternal and Child Health as a specialty) had 54 students from Regions 3, 4 and the National Capital Region. The DE-MPH program caters to students from Regions I, II, III, IV, the NCR and the Cordillera Autonomous Region while the DE-MHA program caters to hospital administrators from Regions IX, X, XI, XII, Caraga and the Autonomous Region of Muslim Mindanao.

Various nondegree courses via the distance mode were developed and external funding for these continuing education programs was explored.

The College of Medicine and the College of Nursing were adjudged by the Commission on Higher Education as Centers of Excellence.

The CN was granted an initial amount of P2 million for scholarships, short-term courses and upgrading of facilities. Its designation as a WHO Collaborating Center for Nursing Development in Primary Health Care was renewed for another four years.



College of Nursing building inauguration with Rep. Rolando Andaya

More effective approaches to teaching were espoused through trainings conducted by the National Teacher Training Center for the Health Professions such as problem-based learning, while the need for competency-based curricula in the health professions was emphasized in the institution of new courses and in the continuing review and revision of existing programs.

Values orientation and reinduction continued to be a major aspect of UP Manila's curricular programs. Aside from subjects dealing with values and perceptions of values, a sexuality survey was conducted among the constituents. The survey determined the students' views and their actual behavior on sexuality and other social issues that affect sexuality.

The transfer of three colleges to their own buildings, the College of Nursing (CN), the College of Pharmacy (CP), and the College of Arts and Sciences (CAS) with its Annex Building, is expected to strengthen the implementa-

Democratizing Access: Enrollment Rates

The future implementation of the Excellence-Equity Admission System (EEAS) in the University is expected to give more chances to students of disadvantaged schools to avail of a UP education.

At present, the equity mix at UP Manila is 80:20, meaning that 80% of the UPM qualifiers are chosen based on their University Predicted Grade (UPG) and the remaining 20% based on equity considerations. The EEAS aims to redistribute the excellence-equity ratio to 70:30.

For AY 1997-1998, the total number of freshmen enrollment in UPM was 896. Of this number, 502 (56%) came from the National Capital Region, 143 (16%) from Southern Luzon and 107 (12%) from Central Luzon. The other far-flung regions in Luzon and those from Visayas and Mindanao had minimal number of enrollees.



The UP Manila scholars for 1997 with Senator Edgardo Angara and Chancellor Santos Ocampo

As of the second semester of AY 1997-1998, total enrollment for the residential programs was 5,295, divided between the undergraduate enrollment of 4,809 and the graduate enrollment of 486. The most sought after undergraduate programs were the BS Physical Therapy, BS Pharmacy, Doctor of Dental Medicine, BS Biology, and BS Nursing. The most subscribed graduate programs were the Master of Public Health (MPH), Master of Arts in Nursing (MAN), Master of Science in Public Health, Master of Health Professions Education, and Master of Science in Epidemiology.

For the Distance Education programs, total enrollment for the second semester of AY 1996-1997 was 106, 56 of which were for the MPH, 28 for the MAN and 22 for MHA. For the first semester of AY 1997-1998, total enrollment was 92. Of this number, 64 were for the MPH, 15 for MHA and 13 for MAN.

A total of 846 students graduated during the April commencement rites held at the Philippine International Convention Center with Science and Technology Secretary William Padolina as guest speaker. Of this number, seven were *magna cum laudes* and 49 were *cum laudes*.

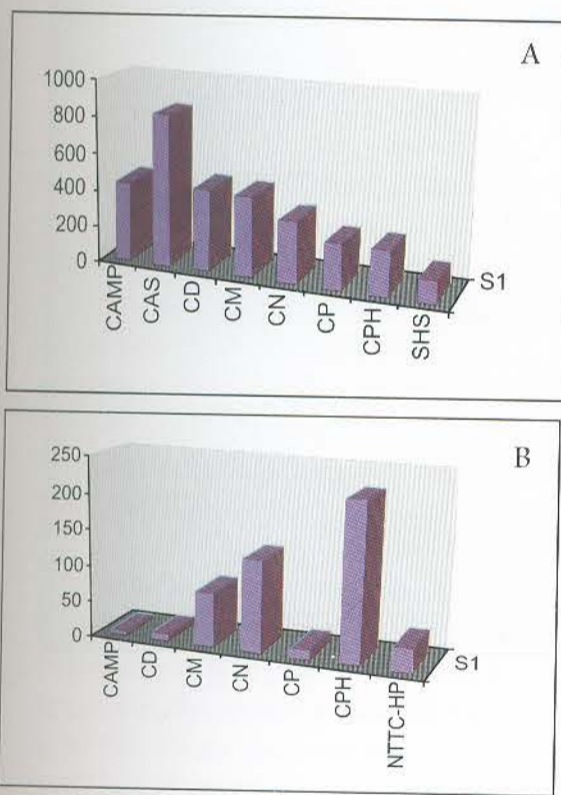


Fig. 1. UP Manila undergraduate (A) and graduate (B) enrollment for 1997



Going for the Gold: Board Exam Performance

UP Manila's primacy as the country's learning and training institution in the health sciences and the professions remained unchallenged in 1997.

Not only were its graduates topnotchers in all licensure examinations given during the year. Almost all of its colleges registered a 100% passing rate. UP Manila's Physical Therapy (PT) graduates' board exam rate is still the highest in the country despite a below 100% passing rate. The University's BSPT program is a four-year course as compared to the five-

year course offered by other universities.

In recognition of their outstanding performance in the licensure exams, the Professional Regulation Commission recognized four colleges - the College of Nursing, the College of Medicine, the College of Pharmacy, and the College of Dentistry, for their consistent record of 100% passing rate and dominating the top 10/20 positions.

Table 2 presents a summary of the board performance of UP Manila graduates for 1997.

Table 2. Board Exam Performance of UP Manila graduates in 1997

BOARD EXAM	DATE GIVEN	PERCENT PASSING	TOP 10/20 POSITIONS
Dentistry	December 1997	100%	1st, 3rd, 4th, 7th, 10th
	May 1997	100%	1st, 3rd, 4th, 5th, 6th, 7th, 8th, 9th
Pharmacy	January 1997	100%	2nd to 29th with ties at the 9th
	July 1997	100%	20th and 21st
Nursing	January 1997	100%	2nd, 6th, 9th, 10th (2)
	May 1997	100%	3rd, 5th, 6th, 8th, 14th, 17th, 19th
Medicine	August 1997	100%	2nd, 6th, 8th, 9th, 10th
Medicine	February 1997	100%	1st, 5th, 6th
Physical Therapy	August 1997	68%	--
Occupational Therapy	August 1997	100%	1st, 3rd

Nurturing the *Iskolar ng Bayan*

UP Manila continuously promotes the interests and welfare of its students through regular programs being implemented by the Office of Student Affairs such as guidance and counseling, scholarship and financial assistance, international students, auxiliary services, student disciplinary tribunal, the Dial-My-Number, and new initiatives that aim to provide an integrated, balanced approach to student growth and development.

UP and of UP Manila specifically on student welfare, guidelines for students, benefits, expectations and other crucial matters on student life in the University.

Two significant bills generated strong interest and participation from UP Manila students this year. These are HB 7956 which seeks the separation of PGH from UP and the Magna Carta of Students which aims to increase student voice and student representation in formulating policy decisions that affect student welfare especially in



Senator Orlando Mercado and Chancellor Santos Ocampo with the 1997 oblation scholars of UP Manila

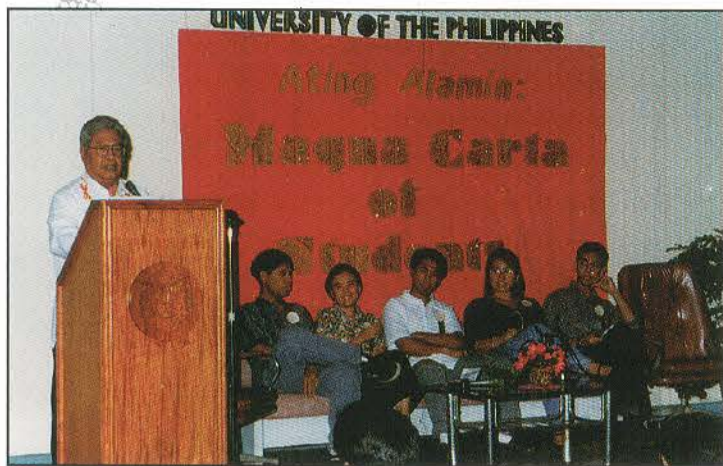
One such initiative is the Learning Resource Center (LRC) which was operationalized this year. The LRC aims to upgrade the capability of students to meet the demands of a UP education and enhance student life through learning assistance programs designed for freshmen and other students who may need help in both academic and non-academic areas (see separate report on p. 22).

The traditional opening ceremonies for new freshmen was held last June 16 with Senator Orlando Mercado as guest speaker. For the second year, the parents' orientation was held at the PGH Science Hall with an overflowing attendance of parents of new freshmen who were briefed on the programs and projects of

the private sector. The students expressed strong objection to the PGH bill through rallies, attendance in hearings of the Senate and Congress, fora and other mass actions.

On the other hand, the students expressed support for the enactment of the Magna Carta of Students because of provisions on increased student representation in the decision-making and policy-making bodies of schools and colleges.

A UP Manila student summit was held last July with Bulacan Governor Roberto Pagdanganan and the Chancellor as inspirational speakers. The summit served as a forum to determine the perceptions of students on various issues as



Rep. Edcel Lagman explains details of the Magna Carta of Students

well as to identify problems that affect them. The Annual Leadership Training Seminar was held in Los Baños on November 21-23 which was attended by the University Student Council members and the different college councils.

During the USC elections held last August, College of Arts and Sciences Student Mylon Villasante was voted USC chair. Elmira Bungabong, was chosen new Manila Collegian Editor.

Table 3. Services offered by OSA and number of students served in 1997

Guidance and counselling services	1,573
Provision of group and individual testing services	584
Processing of appointment papers and salaries of student assistants	241
Accreditation of student organizations	34
Processing of papers of STFAP qualifiers	1,723
Conduct of home visits under STFAP	62
Processing of papers and orientation of foreign students	59
Facilitation of the health exams of students	4,118
Trainings and seminars	1,080
Provision of loans	38

The implementation of other regular activities continued such as the job bonanza, the industrial assessment program, orientation of and tour for foreign students, holding of trainings and leadership seminars, and accreditation of student organizations.

Various University events and celebrations elicited huge participation and involvement from the students. These include the holding of the scholars' convocation, celebration of World AIDS Day, International Human Rights Day, lantern parade, holding of Freshmen Week, accreditation of student organizations, administration of scholarships including the Socialized Tuition and Financial Assistance Program, and participation in finalizing plans for the construction of a Student Center on the fourth floor of the old administration building.

The Expanded Reserve Officers Training Corps (ROTC) program was modified to provide students more and better opportunities for community service (see separate report on p. 20).

For 1997, a total of 858 and 865 students received financial assistance for the first and second semester, respectively, under the Socialized Tuition and Financial Assistance Program (STFAP). A scholarship grant of P200,000 was donated by Senator Franklin Drilon to fund the Comprehensive Assistance Resource (CARE) program of the Office of Student Affairs. The program will offer enrollment, emergency and assistance loans to students.

The Office surveyed the dormitory needs and preferences of UP Manila students and available housing/dormitory facilities around UP Manila which were distributed to freshmen students. Another survey revealed that existing facilities in the different colleges need major repair.



Supporting Academic Activities

Information, Publication, and Public Affairs Office (IPPAO)

The Information, Publication and Public Affairs Office continued publishing the monthly *UP Manila Bagumbayan*, the bi-monthly *UP Manila Newsletter*, the quarterly *UP Manila Journal*, and the *UP Manila Annual Report*.

It launched six other publications during UP Manila's 89th foundation week celebration in June including the Proceedings of the International Symposium on Disasters and Health which UP Manila conducted in 1996.



Other publications launched were the *Zoology 10 Laboratory Manual* by Professors Rosario Rubite and Audwin Yap, *Laboratory Manual for Operative Dentistry 12B* by Dr. Vicente Medina, *Manual on the Class II Cavity Preparations for Amalgam* by Dr. Avelino Macasaet, and the *General Education monograph*.

It also published the *National Institutes of Health brochure* and prepared UP Manila's *Mid-term Report*. It provided information support to University and college events through press releases, wall news, posters, coverages, preparation of backdrops and stage designs, and similar tasks.

Office of Research Services (ORS)

The Office of Research Services published the *UP Manila Research Manual* which contains guidelines for the conduct of researches in the University. It also processed research proposals for funding, monitored the progress of research projects, and coordinated the research activities of existing study groups under the *National Institutes of Health*.

Office of Extension and Continuing Education (OECE)

Formerly the Office of Graduate and Continuing Education, the office was reorganized into the Office of Extension and Continuing Education to concentrate on monitoring and coordinating the implementation of extension and continuing

education programs in the University.

The OECE conducted a survey to assess the extension and volunteer programs of the various units of UP Manila. Based on the results, the following measures were recommended to improve the implementation of these programs: clearer guidelines, increased budget, increased faculty items, and closer coordination with other agencies/individuals, increase in linkages for more resources and more effective information dissemination, coordination and feedback system.



Office of the University Registrar (OUR)

Aside from taking care of registration and admission procedures, the University Registrar participated in the implementation of regular activities such as holding of scholars' convocations, freshmen orientations, commencement exercises and safekeeping of registration documents. It also prepared a profile and analysis of UPCAT applicants and qualifiers profile, and enrollment and graduation trends

It published the UP Manila Catalogue of Programs for 1997-1999 which contains information on each course offering both at the undergraduate and graduate levels.

A major involvement of the office in 1998 will be the full computerization of the registration procedure. The computerization project was started by the office in 1988 (see separate report on p. 24).

The ongoing expansion and renovation of the office is expected to facilitate the various services it renders to students. The newly-renovated Registrar's Office at Padre Faura Street will be inaugurated in 1998



Office of Alumni Affairs (OAA)

Major activities of the Office of Alumni Affairs included databanking of alumni information, networking with alumni through homecomings, fellowships, meetings and cultural activities, serving as information center for all alumni and distribution of alumni cards.

The office also organized the UP Manila alumni homecoming, prepared souvenir programs for the commencement rites and the foundation week celebration and co-organized the staging of the concert of the UP Madrigal Singers.

It also finalized plans for the generation of funds for the construction of the Apolinario Mabini Carillon which will be launched on February 1998 as part of the UP centennial celebration launching. Among the initial donors being tapped are the alumni especially those based abroad and those working in the private sector and legislators. The carillon will be built inside the PGH complex.

(An update on the University Library is on p. 19 while a separate account is devoted for student welfare services which includes the achievements of the Office of Student Affairs.)



Widening the Gateway: The University Librarian



The library has become not only a depository of reading materials; it has become a conduit in the information highway, a link to the databases of the world.

The upgrading of library resources and library facilities, training of library users and preparation of program proposals, in addition to the usual tasks such as indexing and cataloguing, binding of materials and collection preservation and maintenance were the major activities during the year.

Total library collection reached 177,757 with the medical and public health libraries having the highest collection of materials. Computer-based information services were rendered to a total of 11,403 users composed of students, staff/residents, faculty and others. It updated its reference collection both print and electronic format (CD-ROMs and multimedia CD-ROMs). Local databases were updated such as the faculty research papers, Fildoc, Mosquito-borne Diseases, OPAC, Philippine Index Medicus, and Union List of Periodicals.

Computer-based information services were provided to some 11,403 clients composed of 4,143 students, 2,308 faculty members, 4,474 staff/residents, and 478 others.

The University Library prepared the UPM Library Automation Program for 1997-2000 which include Wide Area Networking of UPM libraries, Internetworking of libraries of UP autonomous campuses, automation of library procedures and services, manpower training, upgrading of facilities, and access to international databases.

It also prepared the development plan for the School of Health Sciences and prepared a proposal to upgrade the Medical Library to international standards.

Aside from the regular orientation seminars it conducts, the UL also conducted an in-house training on "Overview on the TINLIB" and a team building seminar.

The Medical Library continued to serve as the SEAMIC Coordinating Library in the Philippines and as a member of the DOST-Engineering, Science and Education Project (ESEP) Library Network, a program which aims to provide the latest information on science and technology to the faculty, staff and students of participating ESEP institutions.

Special Report:

Reconfiguring the ROTC Program



ROTC cadets as health care givers? Or as peer counsellors? Or as tutors? Why not?

The implementation of the Expanded Reserve Officers' Training Corps program in 1996 made all these scenarios possible.

The expanded ROTC program is a modification of the traditional two-year basic ROTC course as provided in the Implementing Rules and Regulations of R.A. 7077. It is basically composed of basic military subjects in the first curriculum year and any of the following three service components in the second curriculum year: military training service (MTS), civic welfare service (CWS), and law enforcement service (LES).

Based on Commission on Higher Education Memorandum Order No. 10, series of 1996 and consistent with the policy of the government to reduce the military orientation of the ROTC program and to align the nonacademic preparation of those who take the ROTC Program with the respective courses they are enrolled in, all second year tertiary students who are registered in the following courses are hereby required to take the related ROTC program components.

These are Criminology - LES component, Teacher education - CWS component, Medical/health-related courses - CWS component, Social work - CWS component

Being a health science campus, UP Manila decided to implement the CWS component of the new ROTC program effective first semester of 1996.

In its early days, the civic welfare service included four programs: tutorials, ecoscouts, peer counseling, and hospital immersion program.

The Chancellor's committee which was created to look into the program agreed that the best way to implement it was to link up with the Pahinungod. Hence, it was not incidental that these programs were also the existing Pahinungod programs.

Apparently, the UP Manila cadets welcomed the radical change in their "military" training.

"Na touch ako nang bigyan nila kami ng Valentine card," said Romnick, who volunteered to join the peer counseling group that took care of the Serras Center for Girls.

The ecoscouts module is designed to deploy ROTC cadets to schools and communities for them to teach unemployed individuals with low family income how to make soap, recycle paper, do container gardening, and process food. It also engages the students in ecological awareness and campaign activities.

What makes the PGH immersion module different is that the cadets will not have to travel far just to offer their assistance. The spirit of volunteerism, the exposure to the



cadets' chosen field, and the participation in health care activities all come to PGH to complement the medical missions the cadets used to do.

The PGH experience

"It's a way of reawakening the UP student's sense of social responsibility," said Mrs. Grace Valderama, wife of a retired AFP general, head of the nursing department, and coordinator of the immersion program.

The cadets offer varied support services such as assisting hospital staff in dispensing medicine and facilitating the turnover of watchers. They even wheel the corpses to the morgue.

**The bottom line of all
this ROTC expansion
is the University's
desire to instill a deep
sense of nationhood and
spirit of service in the
heart and mind of
every UP student.**

CMaj. Anna Karenina Golez had this to say about the expanded ROTC: "the cadets acquire a better grasp of social responsibility."

The management committee saw the need to craft a more systematic curriculum for the tutorial sessions and peer counseling activities. Specifically, the committee found that the different needs of the children - cognitive, psycho-social, and developmental-had to be addressed.

After analyzing these problems, the Office of the Vice Chancellor for Academic Affairs

(OVCAA) proposed some modifications to fine tune the CWS programs. OVCAA came up with these proposals after consulting with officials of the University, proponents of parallel programs, and representatives of cooperating institutions like the DSWD, Kanlungan sa ER-MA, Serras Center for Girls, and the Don Bosco Tuluyan Center. The result was an alternative education program for streetchildren.

Children of the street

Professor Benjamin Mangubat of the College of Arts and Sciences proposed the creation of the UP Alternative School to provide free educational opportunities to those deprived of formal schooling. What came out of it was the UP Manila Alternative Education Program for Street children (UPMAEPS).

UPMAEPS is an integration of the programs on tutorial, ecoscouts, and peer counseling. Its vision is to provide an educational program for street children that will enable them to join the formal school system.

The University trains its students to be fully and adequately ready to take on responsibilities as a professional, a scholar, and a citizen of his country. Through this program, the UP student is constantly reminded that in serving others, they give essence to the service mission of their calling.

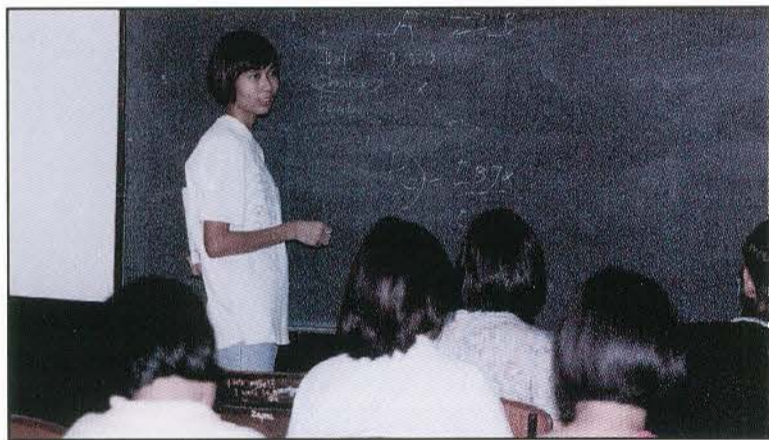
The bottom line of the ROTC expansion is the University's desire to instill a deep sense of nationhood and spirit of service in the heart and mind of every UP student. The program provides the opportunity for UP students to render service to the nation while still in school, thus acquiring a more meaningful education (Culled from the UP Manila Bagumbayan).



Enriching the Quality of Student Life on Campus:

The Learning Resource Center

The Learning Resource Center (LRC) was established by the UP Board of Regents last April 17, 1997 to supplement, complement, and coordinate existing learning-assistance programs in the University. The Center administers learning-assistance programs designed not only for freshmen who qualified with the help of the affirmative action program but also for other students who may need assistance and enrichment on both the academic and nonacademic areas. This is to ensure that the goal of promoting academic excellence will be realized on a more caring and nurturing environment.



Three programs are being implemented by the Center. The Instructional and Enrichment Assistance Program helps bridge the gap between the students' exit skills at the secondary level and the requisite entrance skills for the first year at the university. The program commences with the Summer Bridge Program (SBP) and continue along the residential programs offered in campus.

The SBP emulates the best features of the Agricultural and Rural Development Scholars summer bridge program and will be prescribed to freshmen whose University Pre-

dicted Grade (UPG) fall within .05 of the actual cut-off or the bottom decile of the entering freshmen class per campus. These will be supplemented with self-instructional modules and facilitation classes. Focus will be the development of critical thinking skills in Communication, Mathematics, and Science.

The Psychosocial Development Program which supplements the instructional assistance program includes values education, personality development and leadership training, and development of extra-curricular skills or avocations. The LRC will coordinate with student organizations, the guidance and counselling offices, and related units in implementing psychosocial assistance and enrichment programs.

The Monitoring and Evaluation Program includes a systemwide student tracking system to be set up under the AU office of the LRCs to monitor the academic performance over time of the clientele of learning assistance packages. Student tracking begins at admission and ends upon the graduation (or permanent disqualification) of a student-client beginning with his/her UPCAT subtest scores and the results of other diagnostic tests taken.

Subsequent monitoring or "soundings" will be taken during the course of a learning assistance program taken by the client. Beyond the GE curriculum, the performance of learning assistance clients will be compared against that of nonclients.

To determine the effectiveness of learning assistance programs, the following measures may be used: attrition and retention rates, GWA averages and other descriptive statistics, and the number of clients earning academic honors. The performance of nonclients along the same measures will be used as the criterion for purposes of comparison.



The specific goals of the LRC are as follows:

- To upgrade the capability of the student to meet the demands of UP education particularly in Communication, Science, and Mathematics.
- To enrich student campus life by providing alternative avenues towards creativity and personal growth.
- To provide assistance to students in their psychosocial development by providing specific activities and programs.
- To coordinate with all other offices/units and organizations in the university regarding student progress and welfare.
- To determine the effectiveness of the learning assistance through a student tracking and evaluation system.

To realize these goals, the LRC has devised an integrated program to include (but not limited to) the following strategies:

Tutorials

Tutorials for mathematics and communications were held for the first time during the first semester of SY 1997-1998. For the second semester, two subjects were added, chemistry and biology.

Use of LRC library

A collection of selected books in communication, mathematics, science and technology and research, has been started. Newspapers and magazines will soon be added to the collection.

Use of Audio-visuals

The use of AV facilities will be allowed as soon as tapes, slides, and other materials have been collected. A cable TV connection is also being

planned to give students exposure to international and informative programs other than those seen on local channels.

Computer literacy

Computers will be made available to students who wish to learn how to use any available computer softwares and improve their access to other sources of information via Internet.

Community Bulletin Board

This will be set up to aid the dissemination of information regarding LRC activities and projects as well as services rendered by other institutions, which students can avail of.

Sponsorships of workshops/training seminars/lectures/symposia

The seminars and workshops will be on various areas of interest and skills development.

Psychosocial Counselling Services

These services will be provided to students who would avail of the LRC tutorial should they have problems in their adjustment to university life. Career counselling will also be provided to ensure that students get to set clear goals in terms of course selection.

Setting up of LRC Volunteer Corps

A student volunteer organization will also be set up to help in the delivery of LRC services to the student body.

Student tracking system

A longitudinal database on the student clientele population being provided with specific learning assistance starting from admission up to graduation to determine effectiveness of learning assistance programs.



Streamlining Registration: The Computerization Program

The full implementation of the computerized system will greatly facilitate registration procedures and minimize if not totally eliminate registration-related problems.

The computerization of the registration process started in 1988 with the computerized enlistment of 4,810 students from UP Manila.

With the initial increase in student population to the current 2,700-2,900 enlists at the College of Arts and Sciences, problems such as lack of slots, bottle necks in the manual aspect of registration, underloading and conflicts in schedule started to arise.

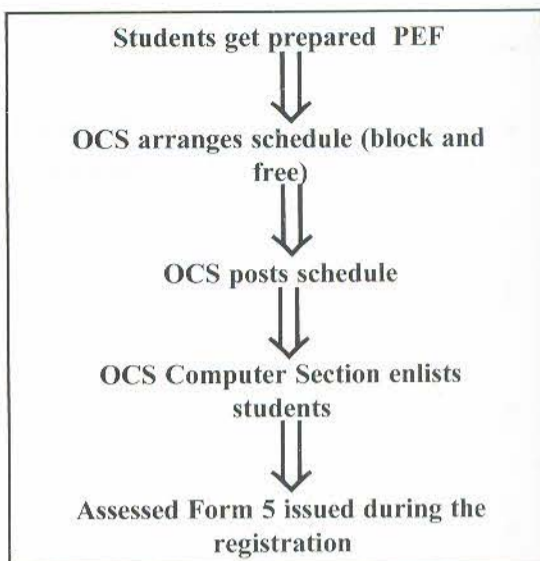
These problems indicated the need for a complete computerization program from enlistment up to assessment. Once computerized, networking among the different colleges can help eliminate problems of conflicts and further facilitate registration.

The full implementation of the computerized system will greatly facilitate registration procedures, minimize if not totally eliminate registration-related problems such as underloading, delayed registration and an overworked registration staff.

The implementation of the Wide Area Network which will link the different units of UP Manila will greatly facilitate the operationalization of the computerization program.

CAS as pilot area

The first phase of the program will be implemented at the College of Arts and Sciences on the second semester of 1997-1998. The first stage of phase I is simply a modification of existing procedures but simplified for the purpose of order and facility in fitting together individual schedules of about 3,000 students. The flow chart is very easy and is as follows:



After the initial implementation, the second semester schedules can now be programmed into the computer and except for minor revisions, can now be used every second semester.

The second stage of phase I, the flexible stage, will be implemented starting summer 1998.

UP Manila wide implementation

After a pilot study of two semesters and one summer, the new procedure will be implemented in all the colleges of UP Manila. Critical to the implementation is the wide area network linking the offices of the College Secretaries, the Registrar, the Assistant for Academic Affairs, and the Management Information System.

Full implementation

Phase III of the project will be its full implementation. The target is for all students to key in their schedule based on the posted schedule of the departments/colleges. Critical to the full implementation are the operational wide-area and local area networks linking all offices involved in the registration, computer terminals in various critical areas, availability of schedules, availability of other infrastructures such as classrooms, lab rooms, facilities, etc.

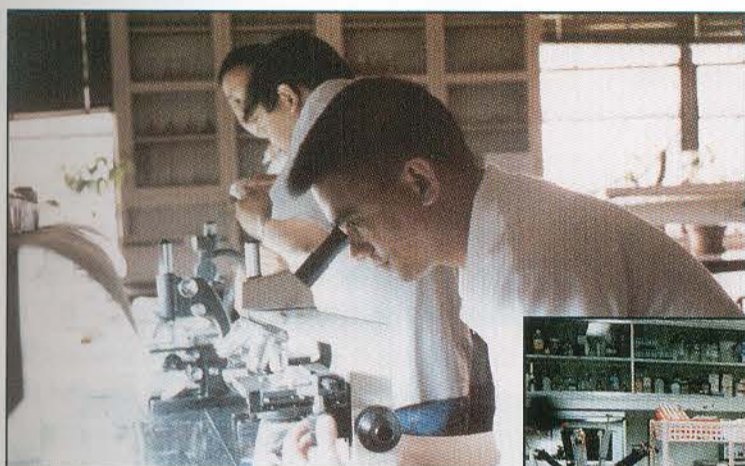


Revitalizing Research

More and better research facilities, increased research grants and professorial chairs, provision for research support services and incentives, capability build-up, strengthening of existing linkages and exploration of more research linkages were the major achievements during the year.

toxicology, and others. Of this number, 13 will take their studies in 1997, 15 in 1998 and 8 in 1999.

Biotechnology researches are slowly but steadily pushing efforts to develop and improve vaccines for the leading causes of infectious diseases and simple, rapid, highly



The facilities of the National Institutes of Health were inaugurated on April 18, 1997 with Science and Technology Secretary William Padolina as guest of honor. The facility houses the Institute for Socio-Biomedical Research, the Office of Research Services, laboratories, an animal house, offices for the various programs and study groups, and an office for the Metro Manila Health Science Community and the Philippine Council for Health Research and Development.

Under the NIH, UP Manila concluded a memorandum of agreement with DOST, which will provide an P87 million funding support for an MS/Ph D program for UP Manila faculty members. Through this program, some 36 faculty members were recommended for master's and Ph D studies in top US and Asian universities in the fields of molecular biology, tropical medicine, environmental health,

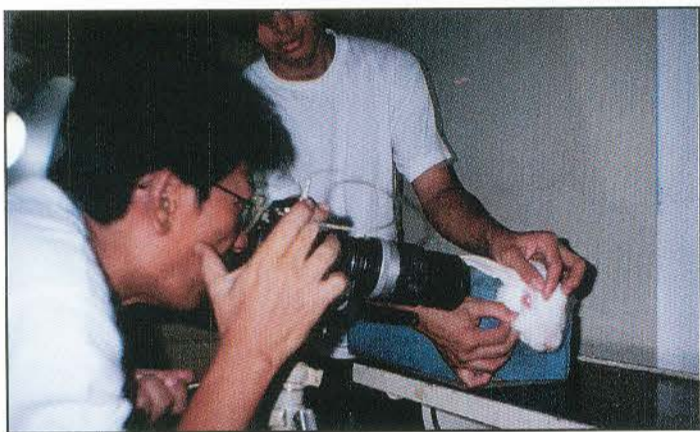
sensitive diagnostic tests applicable to field conditions. Of the five research projects of the Institute of Biotechnology and Molecular Biology started in 1995, two are expected to publish their results soon. These are the studies on "Genetic Characterization of Virulent Isolates of Philippine Plasmodium falciparum" and "Characterization, Cloning, Sequencing and Expression of Egg Antigens of Schistosoma Japonicum Relevant to the Development of Anti-Pathology Vaccine."

The completed project on "Genetic Characterization of Human Immunodeficiency Virus-I Isolates in Metro Manila" determined the



genotypes of some 32 HIV-1 isolates from commercial sex workers and other high risk groups in Metro Manila. This work has implications on anti-viral therapy as well as vaccine development. Another project, the "Development of Anti-Hepatitis C Virus Agglutination Assay," has come up with a modification of the procedure, thereby effectively reducing the volume of reagents required for the assay, which has great implications in reducing the cost of screening especially of blood donations.

Started in 1997 are five projects which are hoped to generate products that will address current major health problems such as HIV/AIDS, malaria, and schistosomiasis.



Eye researches also got a big boost with the conduct of the study on "Eye Injuries Among Workers of Selected High-Risk Establishments in the Philippines under a P2 million grant from the DOH. The project is a component of UP Manila's National Eye Injury Research Program which consolidates all current efforts on eye injury as basis for the formulation of appropriate preventive measures and treatment strategies.

Other research milestones were the launching of the Child Protection Unit (CPU) and the Touch and Behavioral Development Program



Lecture-demonstration on touch therapy at PGH

under the NIH which are simultaneously service-oriented. Spearheaded by PGH and CM, CPU is a collaborative program which aims to provide the highest standards of clinical care for abused children through research and training programs. The TBDP aims to boost the conduct of researches on maternal and infant health care specially on the effects of touch on the health status of children and mothers.

Various orientation programs and trainings on gender sensitivity, women empowerment, and women's health are being finalized through the Committee on Women and Development chaired by Dr. Susan Pineda-Mercado. Existing studies along these areas are being consolidated to formulate a more focused and responsive agenda for research and training programs that will address crucial issues affecting women today.

To further strengthen the research capabilities and competence of its faculty members, seminar workshops were held on research methodology and proposal development spearheaded by the Manila Studies Program. Through funds given by the UP Center for Integrative and Development Studies, the MSP is now conducting some 11 researches on



urban development issues and environmental problems in Metro Manila, and area-based studies (Paco, Sta. Cruz, and Sta. Ana districts).

As of December 1997, the Office of Research Services reported a total of 521 researches, 146 of which were completed and 375, ongoing.

Proof of the excellent research outputs of UP Manila faculty members were the various awards and recognitions bestowed by local and international groups and organizations. Worth mentioning is the silver medal award given to Lagundi and Sambong tablets during the 25th International Exhibition of Innovations, New Techniques and Products held last April 11-20, 1997 in Geneva, Switzerland.



Award-winning lagundi

The two medicinal plants were products of researches conducted by faculty members of the College of Medicine and College of Pharmacy under the National Integrated Research Program on Medicinal Plants.

The Outstanding Young Filipinos (TOYF) award was conferred on Dr. Arturo Pesigan, dean of the School for Distance Education and Dr. Rafael Bundoc, PGH Coordinator for Research for their outstanding contributions to medical research and development.

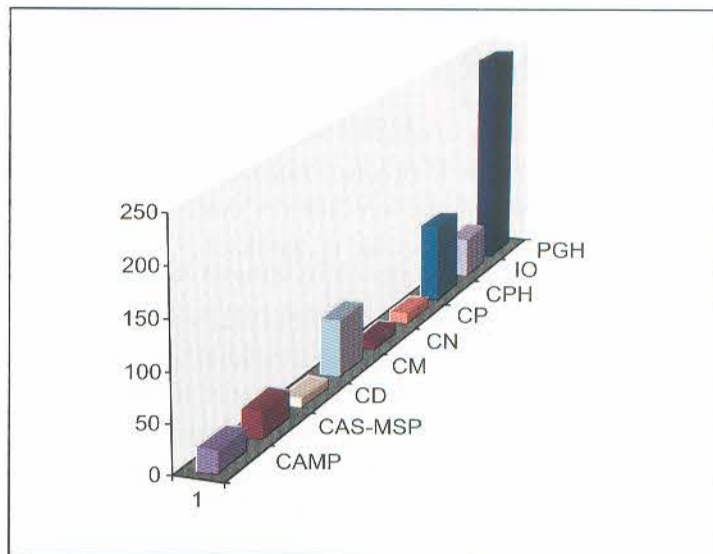


Fig. 2. Number of 1997 researches by college

Research breakthroughs were published and disseminated through the UP Manila Journal, the *UP Manila Bagumbayan*, the respective journals or research magazines of each college/unit, the various research fora, and through seminar-workshops and similar continuing education activities held in and out of the University. A research manual was published for better administration and management of research projects.

During the 89th foundation week celebration of UP Manila, some 32 publications tackling various fields - medicine, dentistry, nursing, disaster management, the natural sciences, culture and arts - were either launched or relaunched in brief rites held at the University Library.

Three books of UPM faculty members were published by the Sentro ng Wikang Filipino - *Anatomiya at Morpolohiya ng Ngipin* by Dr. Leonor Lago, *Manwal para sa Community-based Rehabilitation Worker* by Prof. Lucia Magallona and *Pag-aaruga sa mga May-cdad Na* by Dr. Letty Kuan.



Special Report: The Promise of Biotechnology

The creation of the Institute of Biotechnology and Molecular Biology in 1995 is one major step that will enable UP

Manila to conduct and promote researches that aim to produce diagnostic, therapeutic, and preventive modalities that can improve the quality of life of mankind.

In the medical or health field, biotechnology refers to the use of cell culture technology that enables in-vitro propagation of bacteria, yeasts, or viruses in large quantities and the use of such microorganisms and their components to produce useful materials to diagnose, treat, control or prevent human diseases.



In UP Manila, medical biotechnology focuses on the production of "state of the art" health products geared towards the prevention, diagnosis, treatment and control, and ultimately, eradication of human diseases.

Below is a summary of the biotechnology researches being conducted by the University.

Basic researches with potential for vaccine development/immunotherapeutic agents:

Characterization, cloning, sequencing, and expression of Schistosoma japonicum egg antigens

Using different recombinant DNA techniques, the project aimed to characterize the various excretory and secretory egg antigens of Schistosoma japonicum, and to clone and express the

recombinant antigens for their vaccination effects. Now nearing the end of its third year of implementation, the project has isolated 20 new cDNA clones with potential as vaccine molecules. These studies are currently at the very basic level of understanding immunopathogenetic mechanisms, knowledge of which may contribute to the global efforts to come up with an effective vaccine for the prevention of schistosomiasis.

Genetic characterization of the Human Immunodeficiency Virus-1 Isolates from Commercial Sex Workers and Other Risk Groups in Metro Manila

This project is part of a bigger study that includes Malaysia, Vietnam, Indonesia, Hongkong and Singapore in the collection of local HIV-1 isolates for genetic and antigenic characterization and possible inclusion in a cocktail of vaccine molecules that will be specific and relevant for the Southeast Asian population. The subtypes developed from the blood samples from HIV+ individuals have implications in vaccine development, susceptibility to antiviral therapy and transmission efficiency. Knowledge of these subtypes could help us greatly in vaccine efforts, as well as in the prevention and control of transmission.

Genetic Characterization of virulent isolates of Plasmodium falciparum

This project aimed to isolate the parasite from severe cases of cerebral malaria in two endemic areas, Davao del Norte and Palawan, and characterize them using cytoadherence assays, and ultimately to do genetic characterization using DNA techniques. Efforts are being undertaken to improve the technical aspects to help come up with data on Philippine malaria isolates and knowledge on virulence mechanisms employed by the parasite that could serve as potential targets for immunotherapy.

Development of diagnostic reagents

Development of Anti-Hepatitis C virus Agglutination Assay



This project collected anti-HCV positive serum samples from a wide seroepidemiologic survey conducted in Metro Manila and various parts of the country. The standard micro-agglutination test that is commercially available was modified into a micro-agglutination assay, effectively reducing the volume of reagents required to do the assay. These have implications in reducing the cost of anti-HCV testing especially in screening blood donations.

Development of DOT-ELISA utilizing the 30Kda antigen of Mycobacterium tuberculosis as a diagnostic kit

The project aims to culture and produce large quantities of the Mycobacterium tuberculosis bacilli in a culture filtrate, from which will be isolated and purified, a 30Kda antigen. This will be used to develop a DOT-ELISA kit for use in the diagnosis of TB meningitis, using serum and cerebrospinal fluid specimens. Further improvements in the yield of the bacilli using various culture conditions are being tried, while appropriate laboratory conditions for the 30Kda antigen extraction and purification are being established.

Development of monoclonal antibodies for use in the screening/testing of human serum transferrin

So far, the project has produced polyclonal antisera in mice, prior to monoclonal antibody production. Conditions are being established for the tissue culture/hybridoma technology.

Development of TSH assay for screening congenital hypothyroidism

The clinical aspect of the project aims to determine the prevalence of congenital hypothyroidism among newborns in the Philippines, using the immunofluorescence method. The serum samples taken from babies with high levels of hTSH will be used to develop a TSH assay for local use.

Screening of indigenous plant products to detect bacteriuria compared to DIPSTICK and Routine Analysis.

This project aims to rapidly screen plant products for their potential to detect the presence of pus and other abnormalities in the urine

Biological Control/Vector Control

Development and optimization of some promising plant products as broad spectrum mosquito larvicides

This project has recently been completed and aimed to screen some plants for mosquito larvicidal activity. Of 26 extracts tested, two showed significant mosquito larvicidal activity. These are now undergoing further testing in the laboratory, for isolation and identification of active constituents responsible for the mosquito mortality, for developing a suitable formulation against different species of mosquito vectors and for large scale field trials against target and non-target species.

Biotechnological development of mosquitocidal microorganisms: Culicinomyces clavissporus, Bacillus thuringensis var israelensis and Bacillus sphericus as control agents for mosquitoes.

This project aims to mass produce the spores of Culicinomyces clavissporus, a saprophytic fungus, for testing as biological control agents for mosquitoes. The project also aims to isolate Bacillus thuringensis and Bacillus sphericus, both agents known for their biological control potential.

Laboratory and field studies on the biological control potential of Culicinomyces clavissporus, Bacillus thuringensis and Bacillus sphericus for control of mosquitoes in the Philippines

Limited bioassays were started using the spores produced from this project.

However, these results have not yielded significant mosquitocidal activity. Bioassays at the laboratory level need to be continued before field trials can be started. Bioassays using the Bacillus species will be started as soon as the isolates obtained above are identified/confirmed to be such species.



Reaching Out: Extension Services



Treatment session for a cerebral palsy child with the family, the intern and the community-based rehabilitation (CBR) worker as a team under CAMP'S CBR program in Montalban, Rizal

The varied forms of extension services rendered by UP Manila, through its Ugnayang Pahinungod, the Philippine General Hospital and the various colleges/units enabled it to serve more needy sectors and communities and to deepen its constituents' awareness and understanding of problems existing in these areas.

Aside from the programs of the Pahinungod and the direct health care delivery services of PGH, the University reaches out to the larger society through the community-based programs and seminars, fora, and other continuing education activities being conducted by each college/unit, participation of faculty members in outside CE activities either as speakers, resource persons, or participants, consultancies to local and international institutions, secondment or special detail to other government agencies, and provision of technical assistance to other colleges/universities.

This year, the Community-based Rehabilitation (CBR) program of the College of Allied Medical Professions received the bronze award from the Health Action Management Information System of the Department of

Health for its innovative management strategies in educating/promoting the health of the people in Montalban, Rizal in the field of physical and occupational therapy and speech pathology. The program uses the Transdisciplinary Approach.

Various extension units rendering services in different areas were inaugurated during the year. These include the previously mentioned Child Protection Unit which started offering services during the early part of this year, the Field School program in Quezon, the Balik Diwang Bayan program the Comprehensive Ambulatory Respiratory Rehabilitation (CARE) Center, and the Hospice Care Unit of the Cancer Institute.

The Field School program enables students of the College of Arts and Sciences to enrich their understanding of social realities and to apply theories learned in the classroom.

While the students and the University profit from the wealth of data made available to them by the community, the community in turn, sees the Field School as a conduit for the delivery of services to which they often have limited access. Two batches of students have been deployed for the year.



Intensifying I.T. Capabilities

Our information technology capability needs to be further enhanced, our equipment needs to be upgraded.

Several information technology projects were started/implemented this year such as the Electronic Medical Research and Library Database System (EMERALDS), the Medical Informatics Unit (MIU), the Telepathology Project, and the Philippine Medical Internet Chat Conference (PMCC).

Other projects were continued such as the installation of the Wide Area Network, the teleconferencing activities of the Colleges of Medicine, Nursing and Public Health, and the computerization of registration.



Sen. Franklin Drilon tries on the EMERALDS during its inauguration

EMERALDS is the first electronic facility in the country's medical education system that allows users to access global sources of digital information in abstract form and in full text with graphics.

It has a software database which includes Medline and Ovid Core Biomedical Collection accessible within seconds. Medline is a database produced by the US National Library of Medicine which is widely recognized as the premier source for bibliographic and abstract coverage of biomedical literature. More than 8.7 million records from more than 3,600 journals are indexed, plus selected monographs of congresses and symposia. Ovid is a digital collection of 30 international biomedical journals in full text with graphics, tables, and photographs.

Inaugurated last October, the P6-million project was realized through a P3.68 donation of Class '71 of CM and a P2.6 million allocation from the Countrywide Development Fund of Senator Franklin Drilon. An additional P300,000 was pledged by Senator Drilon for the maintenance of the facilities.

The MIU is tasked to study how information technology can be used in the teaching, training and other activities of the CM. One of its telehealth projects is the PMCC where doctors in the country are able to update themselves on current concepts in medicine via the Internet Relay Chat Technology. For its first conference held recently, 150 doctors registered, proving UP Manila's big potential as a center of telehealth in the Philippines.

The Philippine Medical Informatics Society, which was established in 1996 to promote and monitor medical informatics development in the country, hosted various fora and lectures for University constituents.

For the Wide Area Network project, bidding has been completed and the fiber optic will be laid out for its operationalization in 1998. The WAN will link all the colleges and units of UP Manila and will facilitate the implementation of the full computerization of UP Manila's registration.

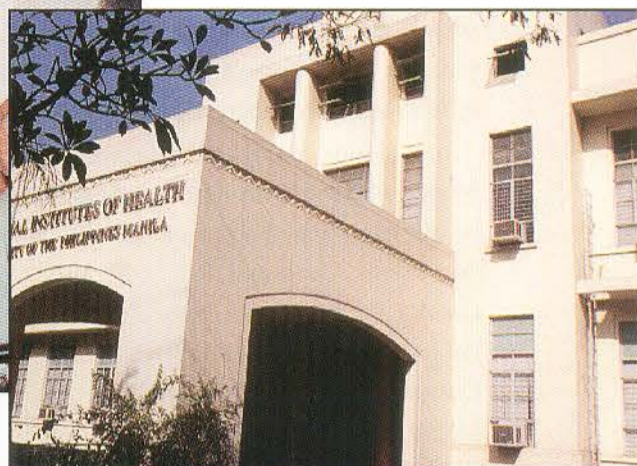
Through the College of Public Health's Management Information System, a research finding on the isolation of an influenza virus was wired to the WHO Flunet, which greatly contributed to the global surveillance necessary for the timely formulation of the appropriate vaccine for the virus.

About 1,800 nurses have been reached by the nursing teleconferencing. Three additional sites were opened by the college in addition to the Zamboanga Medical Center. These were the Davao Medical Center, Legaspi Medical Center, and Cagayan Valley Regional Hospital.

Strengthening Infrastructure Support

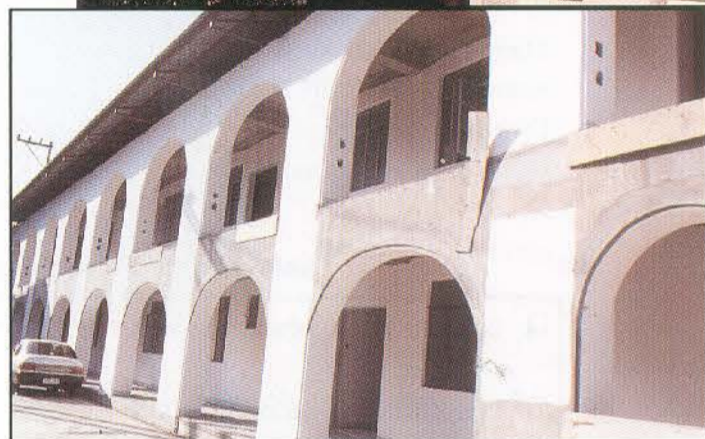


Inauguration of the National Institutes of Health building (right)



A part of its thrust to provide a home for each college/unit and to upgrade and modernize equipment and facilities, several infrastructures were completed.

Inaugurated were the College of Arts and Sciences Annex building, and the College of Nursing, National Institutes of Health and College of Pharmacy buildings along Pedro



The Spine Center inside the PGH complex



The College of Pharmacy building along Taft Avenue

Gil Street. The CAS and CN buildings were constructed through allocations from the Countrywide Development Funds of Senators Orlando Mercado and Congressman Rolando Andaya, respectively, while the pharmacy

building was completed from funds given by UP Manila and from donations from alumni and friends. The NIH building was renovated through funds provided by UP Manila and DOST through Secretary William Padolina and Philippine Council for Health Research and Development Director Pacita L. Zara.

Still being constructed is the Spine Center inside the PGH compound from a congressional appropriation, the College of Dentistry building along Taft Avenue from



a congressional insertion of Senator Mercado, the School of Health Sciences in Palo, Leyte from funds provided by DOH through Senators Mercado and Juan Flavier and the PGH Sewage Treatment Plant.

Scheduled for construction next year are buildings for the College of Allied Medical Professions - National Teacher Training Center for the Health Professions, College of Public Health Distance Education, Student Dormitory, Medical Arts, and the Apolinario Mabini Carillon.

Many administrative offices are also being renovated such as the Registrar's Office, Cash Division, Property and Supply Office and the Ugnayan ng Pahinungod, as well as other

academic offices such as Sentro ng Wikang Filipino, Learning Resource Center, School for Distance Education, and the Graduate School.

Part of the thrust towards equipment and facilities upgrading is the equipping and renovation of the auditoriums of the Colleges of Pharmacy, Nursing, Arts and Sciences, Public Health and the PGH Science Hall and the construction of new ones at the College of Medicine and at the College of Dentistry.

Agricultural and engineering designs were also completed for the general renovation of the UP Manila main and annex buildings, the CAS canteen, and the renovation of the CM Annex I Phase II building.

Table 9. List of ongoing construction/renovation projects

<input type="checkbox"/> Renovation of Cashier's and Registrar's Office	<input type="checkbox"/> Architectural and engineering designs for the general renovation of UPM Annex Building
<input type="checkbox"/> Construction of Mezzanine Floor, Ugnayan ng Pahinungod	<input type="checkbox"/> Architectural and engineering designs for the general renovation of CAS Canteen,
<input type="checkbox"/> Fiber Optic Communication Backbone	<input type="checkbox"/> DPWH Projects
<input type="checkbox"/> Supply and Installation of Stage Curtain, Little Theater, CAS	<ul style="list-style-type: none"> ● Roadways of UPM ● Auditorium of College of Dentistry (Civil Works) ● Auditorium of College of Pharmacy (Civil Works) ● Biochemistry laboratory rooms CM (civil works)
<input type="checkbox"/> Construction of Sewage Treatment Plant, PGH	<input type="checkbox"/> CAMP Building, Phase I
<input type="checkbox"/> Construction of Spine Center, PGH	Driveway and steel windows, CD Building
<input type="checkbox"/> Supply and installation of auditorium seats, College of Nursing	Miscellaneous PGH buildings
<input type="checkbox"/> CPH Annex Building (GTZ funded)	
<input type="checkbox"/> Architectural Detailing Works for the renovation of CM Annex I Phase II	
<input type="checkbox"/> Architectural and Engineering Designs for the General Renovation of the UPM Main Building	

Building and Strengthening Partnerships



A number of new linkages was forged with government and nongovernmental institutions, academic and research and training institutions in health and related fields, local or international, and with alumni groups while existing ones were continued and intensified.

rating Center for Schistosomiasis Research, WHO Collaborating Center for Health Promotion and Education and National Center for Global Influenza Surveillance.

The College has also forged agreements with four leading universities in the ASEAN region on faculty development, research and train-



Signing of memorandum of agreement for the Touch and Behavioral Research and Development Program

The new linkages are with the Advisory Board Foundation and various cooperating agencies for the operationalization of the Child Protection Unit, the Department of Health for the conduct of researchers on occupational eye injuries and for the implementation of VITAL LINK project on Environmental Health, with St. Scholastica College for the development of its curricular programs and enhancement of its faculty development programs; and with Johnson and Johnson for the conduct of researches on touch therapy.

At the college level, many linkages were continued and strengthened. Worth mentioning are the College of Public Health and the College of Nursing. CPH has been the SEAMEO TROPED Regional Center for Public Health since 1965 as the Philippines' contribution to Health Human Resource Development for Southeast Asia and WHO Collabo-

ing of ASEAN epidemiologists. It is also hosted the 3rd Capacity-building Course in the Control of HIV/AIDS/STD Partnership Project in Asian Region (CHASPPAR) which enabled member countries such as Cambodia, Laos, Nepal, Vietnam and the Philippines to forge greater commitment for and support to the prevention of these diseases.

The College of Nursing has been redesignated as WHO Collaborating Center for Nursing Development in Primary Health Care and along with the College of Medicine, was chosen as center of excellence by the Commission on Higher Education.

During her trips this year to Japan, Turkey and Azerbaijan, Chancellor Santos Ocampo explored possible areas of linkages with selected universities and research and training institutions in health and related fields.



Below is a list of institutions with which UP Manila maintains linkages with:

A. NATIONAL GOVERNMENT AGENCIES

1. Department of Agrarian Reform
2. Department of Agriculture
3. Department of Education, Culture, and Sports
4. Department of Environment and Natural Resources
5. Department of Health
6. Department of Interior and Local Governments
7. Department of National Defense
8. Department of Science and Technology
9. Department of Social Work and Development
10. Commission on Higher Education
11. Commission on Urban Poor
12. Dangerous Drugs Board
13. Philippine Council for Health Research and Development
14. Philippine Council for Advanced Science and Technology Research and Development
15. Philippine Sports Commission
16. President's Commission on Culture and the Arts
17. Philippine National Red Cross
18. Research Institute for Tropical Medicine
19. Fabella Hospital
20. Zamboanga City Medical Center
21. Philippine Regulation Commission
22. Philippine Senate Committee on Health and Committee on Science and Technology
23. Philippine Congress-Committee on Health and Committee on Science and Technology
24. Komisyon ng Wikang Filipino
25. Municipal government of Tagkawayan, Quezon
26. Cultural Center of the Philippines
6. Association for Voluntary Surgical Contraception
7. Bayside Conference in Obstetrics and Gynecology
8. Bukluran para sa Kalusugan ng Sambayanan
9. Catholic Nurses Guild of the Philippines
10. Center for Multidisciplinary Studies on Health and Development, Inc.
11. Congress of Teachers for Nationalism and Democracy
12. Council for Health Development
13. Critical Care Nurses Association of the Philippines
14. Dangerous Drugs Board
15. Family Cooperation of Health Service Foundation
16. Good Samaritan Colleges of Cabanatuan, Nueva Ecija
17. Health Action Information Network
18. Health Alliance for Democracy
19. Helen Keller Institute
20. Integrated Registered Nurses of the Philippines
21. Institute for Social Studies and Action, Inc.
22. Manila Sanitarium
23. Maternal and Child Nursing Association of the Philippines
24. Mother-Baby Friendly Hospital Initiative
25. National Asthma Movement
26. National Commission for Culture and the Arts
27. National Integrated Research on Medicinal Plants
28. National Program for Mental Health
29. Philippine Oncology Nurses Association
30. Nuclear Free Philippines Coalition
31. Occupational Health Nurses of the Philippines
32. Ophthalmological Foundation of the Philippines
33. Philippine Association for the Rehabilitation of the Disabled
34. Philippine Cancer Society
35. Philippine Climacteric Society
36. Philippine College of Occupational Medicine
36. Philippine College of Surgeons

B. PRIVATE LOCAL AGENCIES

1. Alliance of Concerned Teachers Philippines
2. Ayala Museum
3. Association of Deans of Philippine Colleges of Nursing
4. Association of Diabetes Nurses Educators
5. Association of Philippine Medical Colleges
- Tomas Aguirre Foundation, Inc.



37. Philippine Dental Association
 38. Philippine Health Social Sciences Association, Inc.
 39. Philippine Medical Association
 40. Philippine Microbiological Society of the Philippines
 41. Philippine Nurses Association
 42. Philippine Obstetrics and Gynecology Society
 43. Philippine Orthopaedics Association
 44. Philippine Osteoporosis Society
 45. Philippine Pediatric Society
 46. Philippine Perinatology Society
 47. Philippine Society for Ultrasound in Ob-Gyn
 48. Philippine Society of Anatomists
 49. Philippine Society of Otolaryngology
 50. Philippine Society of Reproductive Endocrinology and Infertility
 51. Polymedic General Hospital, Inc.
 52. San Miguel Corporation
 53. Society of Gynecologic Oncologists of the Philippines
 54. St. Luke Medical Center
 55. St. Paul University (Tuguegarao)
 56. St. Scholastica Academy
 57. Sta. Lucia Eye Bank
 58. Tahanang Walang Hagdan
 59. United Laboratories, Inc.
 60. UP Medical Alumni Society
- C. INTERNATIONAL AGENCIES**
1. Asian Development Bank
 2. AVSC International
 3. Azerbaijan Medical University
 4. Baylor College of Dentistry
 5. Boston University
 6. British Council
 7. British Health
 8. Brown University, Rhode Island, USA
 9. Children's Research International
 10. China Medical Board
 11. European Commission
 12. Family Planning International
 13. Federal Republic of Germany
 14. Fogarty International Center
 15. FRG-GTZ
 16. Gunma University- Japan
 17. Harvard University
 18. Hellen Keller Institute
 19. Hyogo Medical College - Japan
 20. International Federation of Otorhinolaryngological Societies
 21. International Labor Organization
 22. International Labor Organization
 23. International Society for Ultrasound in Obstetrics-Gynecology
 24. Japan Society for the Promotion of Science
 25. JHPIEGO
 26. Kansas University
 27. Kansas University
 28. Kobe University
 29. Korea Green Cross Corporation
 30. Levis International
 31. Loma Linda University
 32. London School of Hygiene and Tropical Medicine
 33. Mahidol University
 34. McGill University
 35. Memorial University of Newfoundland
 36. Monash University, Australia
 37. National Institutes of Health, Bethesda,
 38. Nippon Dental University
 39. Queensland Institute for Medical Research
 40. Queensland Institute of Medical Research
 41. Rockefeller Foundation
 42. SEAMEO-TROPMED
 43. Southeast Asian Medical Information Center
 44. The New Children's Hospital, Australia
 45. The New Children's Hospital, Westmead, Australia
 46. UNICEF
 47. United Nations Development Programme
 48. United Nations Population Fund
 49. University of Adelaide, Australia
 50. University of California-Los Angeles
 51. University of Hawaii
 52. University of Tokyo
 53. US Army Medical Corps Breast Cancer Research Foundation
 54. US-NAMRU in Jakarta, Indonesia
 55. Walter and Eliza Hall Institute of Medical Research
 56. WHO Special Programme for Research and Training in Tropical Diseases
 57. World AIDS Foundation, Paris, France
 58. World Bank
 59. World Health Organization



Looking Forward to 1998

ON UP MANILA'S NATIONAL ROLE

- ❖ Continued provision of model curricula in the health science and arts and science professions
- ❖ Sustained graduation of competent and relevant professionals in health, the social and natural sciences and the humanities
- ❖ Dissemination and utilization of more research and development outputs
- ❖ Continued provision of world class health services through the Philippine General Hospital's catheterization program, open heart surgery, organ transplantation and Spine Center
- ❖ Evaluation and strengthening of the Ugnayan ng Pahinungod programs and implementation of the newly-launched Gurong Pahinungod program
- ❖ Intensification of extension and continuing education programs
- ❖ Continued provision of consultancy and professional services
- ❖ Hosting of the launching of the 1998 UP System-wide celebration of the Centennial Philippine Revolution and participation in the 90th year of UP through year-long activities such as exhibits, cultural shows, historical tours, symposia, garden shows, sports and tournaments throughout the year
- ❖ Stronger advocacy of research based policy formulation
- ❖ Establishment of a health data center in health
- ❖ Provision of continuing education and life-long learning activities
- ❖ ences buildings, PGH Sewage Treatment Plant and Spine Center buildings
- ❖ Completion of the renovation of several administrative offices: Registrar's Office, Cash Division, Property and Supply Office, Ugnayan ng Pahinungod, Graduate School, School for Distance Education, Sentro ng Wikang Filipino, Learning Resource Center
- ❖ Repair and repainting of the old historical buildings of the College of Medicine Annex, the College of Public Health, the College of Arts and Sciences
- ❖ Continued provision of more support for culture and art groups and activities such as the UP Manila Chorale, UP Manila Indayog, UP Manila Debate Circle, etc.
- ❖ Formation of additional art and cultural groups
- ❖ Construction of a number of gardens including a herbal garden through the UP Manila Garden Club
- ❖ Implementation of managed health care and other non-monetary benefits
- ❖ Renovation of existing auditorium and building of new auditoriums in several colleges
- ❖ Strengthening of efforts on resource generation, maximization of appropriate distribution of available resources
- ❖ Intensification of networking and linkages: academic, government, nongovernment, industry and alumni
- ❖ Conduct of researches on the use of Filipino in the medical profession
- ❖ Planning and lobbying for the reacquisition of the NBI site
- ❖ Preparation of plans and generation of funds for new physical plant projects: College of Dentistry expansion, CPH Distance Education building, NIH Main Smart Intelligent building, CAMP-NTTC building, Medical Arts building, student dorms and the UPM Carillon, parking spaces

ON GOVERNANCE AND PLANNING

- ❖ Continued practice of a consultative and participative management
- ❖ Completion of the construction of the College of Dentistry and School of Health Sci-



ON ACADEMIC PROGRAMS

- ❖ Implementation of new programs which are relevant to the health needs of Filipinos, e.g. BS Health Economics
- ❖ Complete ongoing review of the GE Program
- ❖ Strengthening of existing programs, both at the undergraduate and graduate levels
- ❖ Offering of the MD-Ph D program
- ❖ Synchronization of existing community-based programs
- ❖ Full operationalization of the Learning Resource Center
- ❖ Provision of more student training groups such as creative and technical writing workshops, technical programs in the performing arts and in enhancing the students' reading, listening and math skills
- ❖ Enrichment of classroom learning through symposia and lectures on national and university issues and lecture demonstrations on the arts and culture

ON RESEARCH AND PUBLICATIONS

- ❖ Strengthening of organizational structures such as support services, funding support, capability building
- ❖ Publication, dissemination, and utilization of more research outputs
- ❖ Stronger advocacy of research-based policy formulation
- ❖ Seeking the legislation of the National Institutes of Health
- ❖ Expansion and upgrading of existing laboratories
- ❖ Finalization of the Diksyonaryo ng Terminong Pang-agham Kalusugan
- ❖ Continued holding of the Inventors-Innovators Fair
- ❖ Continued publication of the UP Manila Journal
- ❖ Construction of the Student Center at the 4th floor of the old administration building
- ❖ Designation of counselling nooks in every college and construction of more student tambayans
- ❖ Generation of more student scholarships from alumni and through sponsorships of movie premiers, concerts, raffles, etc.

ON EXTENSION SERVICES

ON STUDENT WELFARE

- ❖ Continuation of dialogues with and among students and of their active participation and involvement in university affairs
- ❖ Enhancement of existing student development programs such as leadership trainings and peer facilitators training
- ❖ Holding of the International Nursing Research Congress as part of the Golden Jubilee of the College of Nursing
- ❖ Launching of the UPCN Nursing Clinics, a clinical practice and demonstration project for nursing students
- ❖ Continued holding of round table discussions to formulate policy statements on current health problems through the Committee on Health Policy and Strategic Program Planning
- ❖ Enhancing the excellence and relevance of training programs
- ❖ Strengthening of special programs such as the Child Protection Unit and the hospital computerization program
- ❖ Modernization of facilities



- ❖ Institutionalization of the National Poison Control and Information Service and the National Crisis Center
- ❖ Strengthening of the health care delivery system of PGH through the following:
 - ◆ Operationalization of the Cardiac Catheterization Laboratory, Open Heart Surgery, Organ/Kidney Transplantation and Spine Center
 - ◆ Renovation of the Nurses' Home and the dormitories
 - ◆ Acquisition of its own Magnetic Resonance Imaging Machine

ON PERSONNEL WELFARE

- ❖ Implementation of managed health care for all employees
- ❖ Continued holding of the Values Orientation Workshops
- ❖ Continued recognition of outstanding achievements in various fields
- ❖ Continued generation of more funds for more Professorial Chairs and Faculty grants
- ❖ Continued recognition of outstanding employees through the Employee of the Month Award
- ❖ Implementation of more staff development and team building programs
- ❖ Skills enhancement and professional development
- ❖ Institutionalization of the Faculty Code of Ethics
- ❖ Continued implementation of a Sports and Wellness, Culture and Arts programs for students and employees

- ❖ Provision of support for existing and newly formed workers' groups such as the Administrative Officers Council and REPSA (an Association of Research Extension and Professional Staff of all UP campus)
- ❖ Continued provision of a breast feeding room at the UP Manila Creche and Child Center

ON INFORMATION TECHNOLOGY AND DEVELOPMENT

- ❖ Establishment of the National Telehealth Center
- ❖ Computerization of UP Manila Libraries and campus wide area networking of main Library and unit Libraries of UP Manila
- ❖ Initial preparations for the transformation of the UP Manila Library into a National Library for the Health Sciences
- ❖ Full implementation of the Electronic Medical Research and Library Data Base System (EMERALDS) and other Internet linkages
- ❖ Completion and facile utilization of the Wide Area and Local Area Networks including office automation
- ❖ Conduct of computer literacy trainings
- ❖ Full computerization of Registration and Student Records



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LOURDES E. ABADINGO, DPA
Assistant for Academic Affairs



**ALEJANDRO S. DE LEON, MD,
MHA**
Assistant for Planning and
Development



**NAPOLEON M. APOLINARIO,
MD**
Assistant for Administration
(January-December 18, 1997)

Degree Granting Units



**POLICARPIA M. MAGPILI,
MPH**
Dean, College of Allied Medical
Professions



FATIMA A. CASTILLO, MA
Dean, College of Arts and
Sciences (until September 1977)



JOSEFINA G. TAYAG, DPA
Dean, CAS (October 1997
to date)



**NATIVIDAD C. GERVASIO,
DDM**
Dean, College of Dentistry
(until September 1997)

DR. LEONOR LAGO, DDM
Dean, CD (October 1, 1997
to date)



**AMELIA R. FERNANDEZ,
MD**
Dean, College of Medicine
(until September 1997)



**RAMON ARCADIO, MD,
MHPEd**
Dean, CM (October 1, 1997 to
date)



CECILIA LAURENTE, PhD
Dean, College of Nursing



**LETICIA BARBARA
GUTIERREZ, MS**
Dean, College of Pharmacy



**VERONICA CHAN, MPH,
PhD**
Dean, College of Public Health



ISABEL T. KOH, MD, MPH
Dean, School of Health Sciences



**CRISTINA F. MENCIAS,
MAT, MHPEd, PhD**
Dean, National Teacher
Training Center for the Health
Professions





ARTURO M. PESIGAN, MD
Dean, School for Distance
Education



Heads of UP Systemwide Programs

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Director, Ugnayan ng Pahinungod

ISIDRO C. SIA, MD, PhD
Dean, Graduate School



LEA A. IGAYA
Coordinator, Sentro ng Wikang Filipino
(until October 1997)

Dr. Lilia Reyes,
Officer-in-charge,
Graduate School

Non-degree Granting Units

ANTONIO M. MONTALBAN,
MD, MHA, MPH
Director, PGH
(until December 18, 1997)



LILIAN DE LAS LLAGAS, MS, PhD
Coordinator, SWF (November 1, 1997 to date)

NAPOLEON APOLINARIO,
MD
Director, PGH (December 19,
1997 to date)



ESMERALDA PEREZ, MAT
Director, Learning Resource Center

SALVADOR R. SALCEDA,
MD
Director, Institute of
Ophthalmology



Heads of Academic Service Offices

LEONOR C. LAGO, DDM
University Registrar (until September 1997)

EDUARDO C. LIM, MD
Director, Institute for
Socio-Biomedical Research



PROF. MA. ESTELA LAYUG, RN
University Registrar
(October 1997 to date)

NINA G. BARZAGA, MD, PhD
Director, Institute of
Biotechnology and Molecular
Biology for Health



REYNALDO H. IMPERIAL, MBA, PhD
Dean, Office of Student Affairs (OSA)
(until September 1997)

TESSA TAN TORRES-
EDEJER, MD
Director, Institute of Clinical
Epidemiology



PROF. LEA IGAYA, BA
Dean, OSA (October 1997 to date)



JOSEFINA G. TAYAG, DPA
Director, Information, Publication,
and Public Affairs Office (IPPAO)
(until September 1997)



PROF. MARINA B. OMAOIS, MA
Director, IPPAO
(October 1997 to date)



JANE C. BALTAZAR, DrPh
Chair, Office of Research Services



ARMANDO CRISOSTOMO, MD
Chair, Office of Extension and
Continuing Education



LEAA. IGAYA, BA
Chair, Office of Alumni Affairs
(OAA)
(until September 1997)



CLARITA MAAÑO, MD
Chair, OAA
(October 1997 to date)



ROSVIDA R. ROSAL, MLS
University Librarian

Heads of Administrative Offices



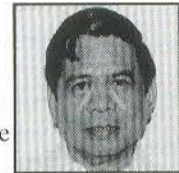
TESSIE B. MERCA, BA
Chief, Budget Office



VENERANDA S. GERONIMO
Chief, Personnel Office



ANGELAE F. PINLAC
Chief, Accounting Office



ROSAURO F. VILLARICO
Chief, Campus Planning,
Development and Maintenance
Office



ELSIE M. BOLAMBAO
Chief, Cash Division



SALVACION ACOSTA
Acting Chief, Property and
Supply Office



**CARMELITA YADAO-GUNO,
LLB**
Acting University Legal
Counsel



LOURDES T. POSADA
Chief, Internal Audit



ARIEL BETAN, MA
Consultant, Information
Management Support Office



UP Manila Chancellor's Oblation Club

Dear Friends and Colleagues:

UP Manila needs your help!

As the health science campus of the UP System, UP Manila strives to maintain academic excellence and relevance in its research and extension programs including better patient care and the promotion of well being and health of our people.

To achieve these goals, UP Manila must also improve its facilities, strengthen and offer more responsive curricular programs and provide for student welfare, faculty and personnel development, including support services.

However, we all know that despite our efforts to request for a bigger budget and the efficient management of available resources, these are never enough for the realization of our goals.

Our only alternative is to generate additional resources from our friends and alumni with whom we share our aspirations and visions for the University and the Filipino people.

We appeal to you to play a significant role in helping us sustain our projects and activities. Through your assistance, we can provide better patient care at the PGH, more professorial chairs, scholarships for needy students, improve our infrastructure, including classrooms, libraries and laboratories, expand our outreach and research activities.

There are a multitude of areas where we need help. Donations may be coursed through the UP Manila Chancellor's Oblation Club, and/or named in honor of a loved one. The needs are urgent! Any support or contribution given will go a long way and will be most appreciated.

With best wishes.

PERLA D. SANTOS OCAMPO, M.D.
Chancellor

Membership Guidelines

Life Membership

Life membership is given to individual/corporate donors whose contributions add up to P50,000 or more or its equivalent amount in foreign currencies or in kind. The names of the life members will be permanently displayed at the lobby of the UP Manila Central Administration building.

Diamond Club

Lifetime membership in the Diamond Club is awarded to donors whose cumulative contributions equal or exceed P2 million.

Emerald Club

Life membership in the Emerald Club is awarded to donors whose cumulative contributions range from P1 million to P1,999,999.00

Sapphire Club

Life membership in the Sapphire Club is awarded to donors whose cumulative contributions range from P500,000.00 to P999,999.00

Ruby Club

Life membership in the Ruby Club is awarded to donors whose cumulative contributions range from P100,000.00 to P499,999.00

Coral Club

Life membership in the Coral Club is awarded to donors whose cumulative contributions range from P50,000 to P99,999.00

Pearl Membership

Pearl membership is awarded to donors contributing a minimum of P5,000 per annum.

PLEDGE FORM

I/we pledge my/our support to the project of the University of the Philippines Manila

- unrestricted
- restricted

Please identify unit/project to be supported

- professorial chairs
- infrastructure
- outreach programs
- others _____
- scholarships
- equipment
- research

Name _____

Occupation _____

Home Address _____

E-mail address _____

Tel. no. _____ Fax no. _____

Office address _____

E-mail address _____

Tel. no. _____ Fax no. _____

Signature _____

Date _____

Please send me more information on _____

Please direct all communications to the:

*Committee on Resource Generation
Office of the Chancellor
UP Manila
8/F PGH Central Block Building
Taft Avenue, Ermita, Manila
Tel. no. (632) 525-56-89/521-01-84
521-84-50 local 3840
Fax no. (632) 521-01-84*





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Perla D. Santos Ocampo, MD
Overall Consultant

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Lourdes E. Abadíngo
Isidro C. Sia, MD
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Bles A. Ebina
Photographers

Chat M. Jemena
Artist

Sigríd G. Cabiling
Encoder