

**DATA BASE DOCUMENT
NEW YORK STATE
EDUCATION DEPARTMENT**

Submitted May 1999

by the

School of Medicine

Universidad Autónoma de Guadalajara

Office of the Executive Secretary
New York State Board for Medicine
Room 3023, Cultural Education Center
Empire State Plaza
Albany, N.Y. 12230

DATA BASE DOCUMENT

New York State Education Department

INSTRUCTIONS

1. Respond to all items as completely as possible. Questions may be adapted to relate to specific circumstances in the institution provided the original question is also stated.
2. Use additional sheets wherever necessary.
3. Replies must be in English. Fiscal items are to be reported in U. S. dollars.
4. Materials such as catalogues, brochures, and policy statements considered useful for understanding of the program should be appended. The current catalogue must be provided. (Such materials should be English versions, when available.)
5. This document and all attachments must be supplied in seven copies to:

Executive Secretary
New York State Board for Medicine
Room 3023, Cultural Education Center
Empire State Plaza
Albany, NY 12230

**NEW YORK STATE EDUCATION DEPARTMENT
1998 UAG DATA BASE DOCUMENT WITH ATTACHMENTS**

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NEW YORK STATE EDUCATION DEPARTMENT

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COMMUNICATIONS RELATING TO THIS REVIEW PROCEDURES SHOULD BE ADDRESSED TO:

Néstor Velasco Pérez, M.D., Ed.D.
Vice President of Health Sciences Area and
Dean of the School of Medicine
and/or Ms. Rosalía del Castillo de Leaño.
Name

Address & Telephone number if not provided above

I. LEGAL AUTHORITY TO OPERATE THE SCHOOL OF MEDICINE:

CHARTER ISSUED, DATE: The act of permanent incorporation was emitted on 3 August 1937 and was granted by the National Autonomous University of Mexico to the Universidad Autónoma de Guadalajara (UAG). From 16 July 1991 by presidential decree number 158, published in the Diario Oficial de la Federación, university educational autonomy was granted to UAG, which permits this educational institution to award academic degrees, legitimacy testified to by the national Secretaría de Educación Pública (SEP), Department of Education.

AUTHORITY GRANTING THE CHARTER:

NAME: Universidad Nacional Autónoma de México
Secretaría General
Dirección General de Incorporación y
Revalidación de Estudios

Secretaría de Educación Pública
Dirección General de Educación
Superior

ADDRESS: Universidad Nacional Autónoma de México
Ciudad Universitaria
México, D.F.

San Fernando No. 1
Col. Niño Jesús
Del.Tlalpan C.P. 14080
México, D.F.

TITLE:

(ATTACH A COPY OF THE CHARTER) See APPENDIX I - A and I - B

II. THE OWNERSHIP OF THE SCHOOL IS VESTED IN:

TRUSTEES/REGENTS:

SHAREHOLDERS:

OTHER (EXPLAIN): Ownership is vested in the Universidad Autonoma de Guadalajara, Asociación Civil (A. C.), a non profit organization standing under Mexican law similar to that of a non profit corporation in the United States.

NAME OF SCHOOL

Universidad Autónoma de Guadalajara
School of Medicine.

ADDRESS:

Av. Dr. Angel Leño 500
Zapopan, Jalisco
México

or

Apartado Postal 1-440
Guadalajara, Jalisco, México.

CHIEF EXECUTIVE OFFICER:

**UNIVERSITY
NAME & TITLE:**

Luis Garibay Gutiérrez, M.D., Ed. M., Rector

ADDRESS:

(Same as above)

**SCHOOL OF MEDICINE
NAME & TITLE:**

Néstor Velasco Pérez, M.D., Ed.D., Dean of Health
Sciences Area, and Dean of the School of Medicine

ADDRESS:

(Same as above)

NUMBER:

(3)
(AREA CODE)

834-39-68 or 641-5051 Ext. 1660
(NUMBERS)

**NAME, ADDRESS AND TELEPHONE NUMBER OF REPRESENTATIVE OF THE SCHOOL
IN THE U.S.:**

Sra. Rosalía del Castillo de Leño
Dean of International Students
4715 Fredericksburg Road
3rd Floor San Antonio, Tx.
78229-3642 Tel.(210)366-1611
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1-800-531-5494
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THIS DATA BASE DOCUMENT IS SUBMITTED BY:

Néstor Velasco Pérez, M. D., D. Ed.,
Vice President of Health Sciences Area and
Dean of the School of Medicine.
Name & Title

Signature

5 de mayo de 1999.

(Date)

III. NAMES AND ADDRESSES OF OWNERS/TRUSTEES:

1. Name: Antonio Leño Alvarez del Castillo, Attorney
Address: Loma Larga # 3880
Fraccionamiento Ciudad Universitaria
Academic Degrees: Attorney at Law, and Master Degree in Law
Occupation: Vice-President of the U.A.G. and President of the Civil Association U.A.G.
2. Name: ✓ Luis Garibay Gutiérrez, M.D. Ed. M. ✓
Address: Loma Larga # 3885
Fraccionamiento Villa Universitaria
Academic Degrees: Certification in Pediatrics and Master in Education
Occupation: President, Universidad Autónoma de Guadalajara
3. Name: Carlos Pérez Vizcaíno + , Attorney
Address: Acueducto # 4450
Los Naranjos Int. 3
Fraccionamiento Lomas del Bosque
Academic Degrees: Attorney at Law
Occupation: General Secretary
4. Name: Juan José Leño Alvarez del Castillo, Engineer
Address: La Noria # 3582
Fraccionamiento Colinas de San Javier
Academic Degrees: Civil Engineer
Occupation: General Director
5. Name: Guillermo Hernández Ornelas, Attorney, M.L.
Address: Eclipse # 2647
Fraccionamiento Jardines del Bosque
Academic Degrees: Attorney at Law and Master Degree in Law
Occupation: Corporate and Patrimonial Director

6. Name: José Antonio Leño Reyes, Licenciante, M.A.

Address: Loma Larga # 3894
Fraccionamiento Ciudad Universitaria

Academic Degrees: Licenciante in Business Administration and Master in Administration U.A.G.

Occupation: Director of Finances

7. Name: Gonzalo Leño Reyes, Attorney, M.A.

Address: Loma Larga # 3892-A
Fraccionamiento Ciudad Universitaria

Academic Degrees: Attorney at Law and Master Degree in Public Administration

Occupation: Director of the University Communication Center

8. Name: Juan José Leño Espinosa, Licenciante, M.A.

Address: La Noria # 3858
Fraccionamiento Colinas de San Javier

Academic Degrees: Licenciante in Business Administration and Master in Administration U.A.G.

Occupation: Director Special Projects

9. Name: José Morales González, Architect, M.Arch., Ed. D.

Address: Salvador de Madariaga # 5208
Fraccionamiento Jardines Universidad

Academic Degrees: Licenciante in Architecture, Master Degree in Architecture and Doctor in Education

Occupation: Director of Continuous Education Department

10. Name: Arturo Barriga Pineda, Licenciante

Address: Paseo de los Virreyes # 4392 Depto. 1
Fraccionamiento Villa Universitaria

Academic Degrees: Licenciante in Business Administration

Occupation: Executive Secretary of the President

- 11. Name:** Mrs. Rosalía del Castillo de Leaña
Address: Loma Larga # 3894
Fraccionamiento Ciudad Universitaria
Academic Degrees: Bachelor Degree
Occupation: Dean of Foreign Students and Director of Communications and Development
- 12. Name:** Jesús Flores Sánchez, M.D.
Address: José Clemente Orozco # 1037
Mezquitan Country
Academic Degrees: Doctor of Medicine
Occupation: Dean of International Students Affairs
- 13. Name:** José Luis Arreguín Romero, Biologist, M.A.
Address: Mar del Sur # 2075
Fraccionamiento Country Club
Academic Degrees: Licentiate in Biology, Postgraduate and Master in International Administration
Occupation: Director of International Programs
- 14. Name:** Rodolfo del Castillo Ruano, M.D.
Address: Calle Coral # 2719
Fraccionamiento Residencial Victoria
Academic Degrees: Doctor of Medicine
Occupation: Director of Human Resources
- 15. Name:** Angelica Velázquez Bravo, Licentiate,
Address: Sendero de los Alamos # 7
Fraccionamiento Puerta de Hierro
Academic Degrees: Licentiate in Business Administration
Occupation: Administrative Director of the University in the Community System

- 16. Name:** Salvador Jiménez Esparza, Attorney, M.Ed.
Address: Bugambillas # 98
Condominio Rancho Contento
Academic Degrees: Attorney at Law and Master in Education
Occupation: Registrar of the U.A.G. and Director of Admission for Mexican Students
- 17. Name:** Francisco Camberos Othon, Licenciante
Address: Ecka Doqueiros # 5279
Fraccionamiento Jardines Universidad
Academic Degrees: Licenciante in Business Administration
Master in Administrative
Occupation: Director of Institutional Investigation
- 18. Name:** Ruben Quiroz Vega, Licenciante
Address: Tchaikowski # 512
La Estancia
Academic Degrees: Licenciante in Business Administration
Occupation: Administrative Private Secretary for the General Director
- 19. Name:** Jaime Emilio Hernández Ortiz, Engineer
Address: Paraná # 3070 - 8
Col.Providencia
Academic Degrees: Engineer
Occupation: Director of Students Affairs
- 20. Name:** Arturo Velasco Pérez, Attorney, M. Ed.
Address: Cuitláhuac # 474
Jardines del Sol
Academic Degrees: Attorney at Law and Master in Education
Occupation: President of the Graduate Students' Association of the
Universidad Autónoma de Guadalajara

21. **Name:** Antonio Aldama Espinosa, Attorney
Address: Tchaikowski # 333
Fraccionamiento La Estancia
Academic Degrees: Attorney at Law
Occupation: Alumni Coordinator
22. **Name:** Sr. Enrique Ascencio Gómez
Address: Av. Patria # 1201
Lomas del Valle
Academic Degrees: Student in Business Administration
Occupation: President of the Jalisco Student's Federation
23. **Name:** Juan Carlos Santoyo Botello, Chemist, M.A.
Address: Av. Moctezuma # 4838
Ciudad del Sol
Academic Degrees: Chemical Engineer, Master in Administration
Occupation: Academic Executive Secretary of the General Direction,
Director of the University in the Community
24. **Name:** Eduardo Fernández Salazar, Licenciante, M.Inf.
Address: San Gabriel # 3069
Vallarta Sur
Academic Degrees: Licenciante in Business Administration
Master in Administrative Informatic
Occupation: Coordinator of Information Technology
25. **Name:** Alberto Olivares Duarte, Licenciante, M.A.
Address: Santa Aurelia # 468
Unidad Habitacional U.A.G.
Academic Degrees: Licenciante in Library Science, Master in Administration
Occupation: Director of the Library System

26. Name: Teresa del Castillo S, Licenciata, Ed. D.
Address: Montevideo # 3301
Fracc. Providencia
Academic Degrees: Licentiate in Library Management
Master and Doctor in Education
Occupation: Director of the Pedagogical School and of the Learning Department

HEALTH SCIENCES AREA

27. Name: Néstor Velasco Pérez, M. D., Ed. D.
Address: Condominio la Colina # 19
Fraccionamiento Royal Country
Academic Degrees: M. D., Specialty in Dermatology, Doctor in Education
Occupation: Vice-President of Health Sciences and
Dean of the School of Medicine

28. Name: Jesús Castillo Pacheco, M.D.
Address: Pablo Neruda # 4273, Depto. C-6
Col.Villa Universitaria
Academic Degrees: M.D., Specialty in Gyneco-Obstetrics
Occupation: Director of the Ramón Garibay Hospital

29. Name: Rodolfo Casillas Vargas, Chemical Engineer, M. Ed., M. Ch.
Address: Bruselas # 540 B
Col. Moderna
Academic Degrees: Chemical Engineer, Master in Education and Master in Chemistry
Occupation: Director of the Research Department

30. **Name:** Leonel Solís Mena, M.D.
Address: George Bizet # 5520
La Estancia
Academic Degrees: Doctor of Medicine, Master in Education Graduate
Occupation: Medical Director of the Angel Leaño Hospital
31. **Name:** Juan José Jáuregui Lomelí, M.D., M.P.H.
Address: Puerto Tuxpan # 931
Circunvalación Belisario
Academic Degrees: Doctor of Medicine, Master in Public Health
Occupation: Director of Program of Medicine in the Community
32. **Name:** Gloria de la Cerda Hernández, R.N.
Address: Nápoles # 2529
Fraccionamiento Providencia
Academic Degrees: Registered Nurse
Occupation: Director of the Nurse School
33. **Name:** Francisco Rodríguez González, M.D.
Address: Santa Patricia # 468
Unidad Habitacional UAG
Academic Degrees: Doctor of Medicine
Occupation: Director of the Biological Sciences Institute
34. **Name:** Rafael Chacón Varela, D.D.S., Ed. M.
Address: Chichen Itzá # 432
Fraccionamiento Jardines del Sol
Academic Degrees: Doctor in Dental Science, Master in Education
Occupation: Director of the Odontology School

35. Name: Palma Fernández del Valle, Licenciata
Address: Pablo Neruda # 4273 Edificio "D" Depto. No. 8
Col. Villa Universitaria
Academic Degrees: Licenciata in Literature, Licenciata in Library Science
Occupation: Director of Health Sciences Library

HUMANITIES AND SOCIAL SCIENCES AREAS

36. Name: Ismael Zamora Tovar, Licenciata, M.& D. Ed.,
Address: Golfo de Cortez # 3038-8
Vallarta Norte
Academic Degrees: Licenciata in Pedagogy, Master and Doctor in Education
Occupation: Coordinator of the Humanities Area

37. Name: Javier González Castillo, Accountant
Address: José María Vigil # 2793
Fraccionamiento Lomas de Guevara
Academic Degrees: Certified Public Accountant
Occupation: Academic Coordinator of the Business Area

38. Name: Rodrigo Cedeño Córdoba, Accountant, M.A.
Address: Paseos de los Cedros # 36
Pinar de la Venta
Academic Degrees: Public Accountant, Master in Administration
Occupation: Director of the School of Accounting

39. Name: Gabriel Morales Hernández, Licenciata, Ed. M.
Address: Isla Santillana # 2297
Jardines de la Cruz
Academic Degrees: Licenciata en Psychology, Master in Education
Occupation: Director of the School of Psychology

40. **Name:** Guadalupe Atala Souza Hernandez, Licenciata
Address: Misión San Isidro # 332
Residencial Plaza Guadalupe
Academic Degrees: Licenciata International
Occupation: Director of the School of Administration, Human Resources,
and International Careers
41. **Name:** Víctor Javier Escalante Vera, Licenciata
Address: Javier Vargas # 5305 - 201
Paseos del Sol
Academic Degrees: Licenciata in Communication Sciences
Occupation: Director of the Communications School
42. **Name:** Celina Margarita Gallegos Sato, Licenciata, M.A.
Address: A las Llanuras # 349
Prados Vallarta
Academic Degrees: Licenciata in Psychology, Master in Administration
Occupation: Director of the School of Tourism and Hotels
43. **Name:** Carlos Herrera Pérez, Licenciata
Address: Paseo Torremolinos # 260 Norte
Fraccionamiento Las Cúpulas
Academic Degrees: Licenciata in Graphic Design
Occupation: Director of the School of Graphic Design
44. **Name:** Ma. Esther de la Cuesta Díaz, Professor
Address: Antofagasta # 2266
Fraccionamiento Colomos Providencia
Academic Degrees: Licenciata in Education
Master in Linguistics
Occupation: Director of the School of Languages and Director of the Center for Asia and
Latin-American Studies

45. **Name:** Susana Maytorena de Ibarra, Designer
Address: Avenida Patria # 1436 Apt. 4
Guadalajara, Jal.
Academic Degrees: Licentiate in Interior Design and Landscape
Occupation: Director of the School of Interior Design and Landscape
46. **Name:** Raúl Mendoza Rivera, Architect, M.B.A.
Address: Paseo de los Parques # 1990
Fraccionamiento Colinas de San Javier
Academic Degrees: Licentiate in Architecture and Master in Business Administration
Occupation: Coordinator of the School of Architecture and Design and Coordinator of the Academic Area of the Design Center
47. **Name:** Juan Fernando González Zugasti, Architect
Address: Av. Central # 45, 32 y 33
Ciudad Granja
Academic Degrees: Licentiate in Architecture
Occupation: Director of the School of Industrial Design
48. **Name:** José Luis Sánchez de la Fuente, Licenciante, M.A.
Address: Salvador de Madariaga # 5192
Jardines Universidad
Academic Degrees: Licentiate in Economy and Master in Administration
Occupation: Director of the School of Economy
49. **Name:** Cristina Ruíz de Hernández, Licenciante, Ed. M., Ed. D.
Address: Jesús García # 2339
Academic Degrees: Licentiate in Hispanic Literature and Language,
Master & Doctor in Education
Occupation: Director of the Schools of Anthropology, History, Architecture,
Languages and Pre-Hispanic Literature

50. Name: Teresa del Castillo de Sáinz, Licenciata, Ed. M., Ed. D.
Address: Montevideo # 3301
Academic Degrees: Licenciata in Library Management
Master and Doctor in Education
Occupation: Director of the Faculty of Education
Principal at the Antonio Caso Elementary School

SCIENCE AND TECHNOLOGY AREA

51. Name: Antonio E. Peimberd Velarde, Ch.Engineer
Address: Joseph Hayden # 5077
Prados Guadalupe
Academic Degrees: Chemical Engineer
Occupation: Director of the School of Chemical Science and Coordinator at the
Academical Unit of Natural & Exact Sciences

52. Name: Modesto Ismael Miranda Nieto, Chemist
Address: Vista Hermosa # 2136
Fracc. La Aurora
Academic Degrees: Chemist and Pharmaco-Biologist
Occupation: Director of the Exact Sciences & Earth Institute of the
School of Sciences

53. Name: Rafael Jaime Alejo, Mechanical Engineer, M.B.A., Ed.D.
Address: Libra # 478 D
Residencial Lomas Altas
Academic Degrees: Electric and Mechanical Engineer, Master in Business Administration,
Master in Electronic Engineering and Doctor in Education
Occupation: Director of Computer Engineering, Coordinator of all the Schools
of Engineering

54. **Name:** Gonzalo Osuna Millán, Engineer
Address: Misión San Antonio # 6144 - 38
Fracc. Parques del Auditorio
Academic Degrees: Computer Science Engineer
Occupation: Director of the School of Computer Science
55. **Name:** Manuel Uriarte Razo, Mechanical Engineer, M.A.
Address: Sto. Domingo # 1389
Unidad Habitacional U.A.G.
Academic Degrees: Electrical and Mechanical Engineering and Master in Administration
Occupation: Director of the School of Electrical and Mechanical Engineering,
and Industrial and Systems Engineering
56. **Name:** Miguel Angel Parra Mena, Engineer
Address: Santo Domingo # 1383
Col. Santa Margarita
Academic Degrees: Civil Engineer
Occupation: Director of the School of Engineering
57. **Name:** José Ramón Vázquez Espíndola, Engineer, Ed. M.
Address: Santa Sofía # 458
Unidad Habitacional U.A.G.
Academic Degrees: Electronics Engineer and Master in Education
Occupation: Director of the Electronic Engineering School
58. **Name:** Eduardo Manuel Ojeda Peña, Mechanical Engineer, M.Math.
Address: Clemente Orozco # 362, Sector Hidalgo
Academic Degrees: Electrical and Mechanical Engineering and Master in Math Sciences
Occupation: Director of the School of Mathematics

GENERAL DIRECTION OF GRADUATE STUDIES

59. Name: José Benito Mauricio Alcocer Ruthling, Biologist, N.S.D.
Address: Domenico Scarlatti # 159, Prados Vallarta
Academic Degrees: Doctorate in Natural Science, Biologist
Occupation: Director of the General Direction of Graduate Studies UAG,
Director of the School of Natural Science

MIDDLE EDUCATION AREA

60. Name: Guadalupe Figueiras de Montiel, M.D.
Address: Avenida Patria # 2527
Fraccionamiento Lagos del Country
Academic Degrees: Doctor in Medicine
Occupation: Director of the Female Junior High School and High School

61. Name: Daniel Aceves Rodríguez, Chemist, Ed.M.
Address: Av.Guadalupe # 5511 - 117
Plaza Guadalupe
Academic Degrees: Chemist Pharmaco-Biologist,
Master in Education
Occupation: Principal at the Centro de Estudios Técnicos U.A.G.,
Junior and High School

62. Name: Alonso Gutiérrez Ramos, Licenciante, M.A.
Address: Santo Domingo # 1692, Unidad Habitacional, U.A.G.
Academic Degrees: Licenciante in Psychology and Master in Administration
Occupation: Director of the Lomas del Valle Junior High School

63. Name: Abel Silvestre Comejo, Licenciante, M.A.
Address: Santa Maricela # 4775 A Unidad Habitacional, U.A.G.
Academic Degrees: Licenciante in Business Administration & Master in Administration
Occupation: Director of the Evening Junior High School and High School

64. Name: José María Angel Rodríguez, Lawyer, Ed. D.

Address: Pompeya # 3161
Col. Italia Providencia

Academic Degrees: Attorney at law and Doctorate in Education with Specialty in
Educational Administration

Occupation: Coordinator of Middle Education
Principal at Lomas del Valle High School

(ATTACH CURRICULUM-VITAE OF EACH OWNER/TRUSTEE)
(ADD ADDITIONAL PAGES, IF NEEDED)

See Appendix II

IV. HISTORY OF OPERATION:

A. Medical students were first enrolled in:

September 1935
Month/Year

B. Instruction has been given in the current site since:

1.- Institute of Biological Sciences
(Basic Science campus): 1965

2.- Dr. Angel Leaño Hospital and
Medical Center (Clinical Sciences
campus): 1973

Month/Year

Prior to that Date, Instruction took place in:

(City, Place, Dates, Etc.) The first site for instruction in basic science was Ramón Garibay Hospital (HRG), downtown Guadalajara, since its acquisition by the University in 1937, to its transfer to the Institute of Biological Sciences in 1965.

From 1937 to 1973, when the clinical campus of Dr. Angel Leaño University Hospital and Medical Center became operational, Ramón Garibay Hospital was the place of instruction for primary clinical sciences; since 1974, instruction here has been limited to obstetrics, gynecology, and pediatrics.

C. Attach a brief history of the school including identification of all sites in which the school currently operates for any phases of program.

Recognized and respected nationally and internationally, UAG is the largest and oldest private university in Mexico. The University is a coeducational lay institution, non-profit and multidisciplinary; it is independent and self-sufficient -autonomous- and not related with, nor dependent upon any government, church, or political party.

While more than 80% of its students are Mexican, hundreds of people from many countries are registered in the various academic programs in 13 major locations, two hospitals and in nearby clinics.

UAG offers 52 programs at licenciatura level, 13 masters, two at level of medical residency, two at doctoral level, 15 at medical residency level, and 5 at dentistry level and 48 at of professional/technical level. These last ones constitute the program of UNICO (University in the Community). Moreover, there is also an extensive program of Continuing Education (EDUCON). Degrees are granted in the following way: since 1935 and until 1991, UAG was maintained as incorporated to the National Autonomous University of Mexico (UNAM). Starting from July 1991, by presidential decree number 158 published in the Diario Oficial de la Federación accreditation was granted by the Department of Public Education (SEP).

The dynamic growth and success of UAG are the result of years of dedication, sacrifice, and hard work. These tiring efforts were made by many individuals who during those first years frequently were compensated only by their ideal of what they might create.

UAG was founded in 1935, during an era in which the future of higher education in Mexico was in danger. The founders and successors of the new University were mainly members of a recently formed group called the Federation of Students of Jalisco (FEJ), whose objectives were similar to those of other contemporary Latin American movements dedicated to struggle for freedom of expression and higher educational autonomy.

The first years of the University were extraordinarily difficult. Classes were given in facilities that had been donated and professors frequently worked without receiving any pay. In 1963, after considerable preparation and planning, UAG announced its master development plan, whose objective was an extensive improvement of the University, particularly of the teaching staff and its ability to transmit knowledge to students.

In 1966 the University obtained a US \$ 2,600,000 loan from the Agency for International Development (AID) for the purpose of broadening its curriculum and to improve its administration, financial system, teaching staff, and employees. Since then, development has been fast and continuous.

The School of Medicine, which was one of the original divisions established in 1935, is the largest and best known of the University. As has happened with the rest of the UAG, the School of Medicine has had a dramatic and practically uninterrupted growth and progress since 1963. Two of its most significant successes are the inauguration of the Institute of Biological Sciences (ICB) in 1965, and of the clinical area of Dr. Angel Leaño University Hospital (HAL) in 1973.

Due to the vigorous growth experienced by the Health Sciences Division as well as the entire School of Medicine, the University decided to continue its development begun from 1963 to 1973, to include the expansion of existing programs and to establish new ones. For example, construction began on the new clinical facilities mentioned above; Ramón Garibay Hospital in downtown Guadalajara was remodeled (See appendix IX-C); new laboratory equipment and other facilities were added to the ICB campus.

Other expansions during this period include: more and better instruction at graduate level, continuing education, and upgrading of teaching staff (as, for example, in 15 different residency programs).

Additional changes added starting from 1973 are: a special variation of curriculum designed to receive students who have pre-medical preparation, developed first as a pilot program, now regularized as part of the curriculum now called International Program; considerable expansion and updating of resources for teaching at the School of Medicine with appropriate publications, electronic information resources audiovisual programs and microcomputers for individual use; greater emphasis on research with some projects, such as the present Child Nutrition Program, that contributes to the progress of the community; more resources destined to the Program of Medicine in the Community (a project of great value for medical education as well as for the communities that depend on the program clinics).

On August 25, 1977, authorities of the School of Medicine, with the purpose of improving even more the quality of teaching given through patients for student practice, and as a teaching resource for complementing programs of the School of Medicine, officially inaugurated the Unit of Patients under Study, now called the Unit of Ambulatory Medical Attention (UAMA).

This teaching-assistance project involves general and specialist doctors as teachers of practice, effecting with such additionally praiseworthy social labor. In order to adhere to this objective, the Clinical Sciences Area brought infrastructure and service up to date, to handle necessities of various departments.

The Cooperative Medical Education Program (CO-OP) was begun in 1978, a very important year for the School of Medicine. The CO-OP Program has been significantly refined since then. CO-OP formalized relations between the School of Medicine and its affiliated teaching hospitals in the USA. In October 1988, the UAG entered into a contract with the Regional Department of Health to send students to the Subregional Hospital in Aguadilla, Puerto Rico, and the Lutheran Medical Center in New York (See appendix IV-A y B).

V. Enrollment of Students:

The UAG School of Medicine enrolls two classes per year, one in July and one in January. Those completing their program in January and those completing their program in July are "final year students" and will be added together for purposes of answering the relevant question. Similarly, students in the two parts of each of the other years of the program are combined to supply one figure for each year.

CURRENT YEAR: 1998 (NOTE: IF THE PROGRAM EXTENDS MORE OR LESS THAN FOUR YEARS, SHOW THE NUMBER OF STUDENTS IN EACH YEAR OF THE PROGRAM.)

A. SIXTH-YEAR ("SERVICIO SOCIAL") STUDENTS: 363 (GIVE DATE THESE STUDENTS ARE TO COMPLETE THEIR PROGRAM: 226 on July 31st, 1998 and 137 on January 31st, 1999)

B. CLINICAL STUDENTS (OTHER THAN SIXTH-YEAR STUDENTS):

FIFTH (INTERNSHIP) YEAR: 312

FOURTH YEAR: 505

THIRD YEAR: 758

C. BASIC SCIENCE STUDENTS:

SECOND YEAR: 983

FIRST YEAR: 1,200

TOTAL STUDENTS: 4,076

% NATIONALS OF COUNTRY IN WHICH SCHOOL IS LOCATED: 53.85%

% U.S. NATIONALS: 36.15%

% OTHERS: 10.00%

V. ENROLLMENT PRIOR FIVE YEARS: OF STUDENTS: (continued)

| SCHOOL YEAR | TOTAL | 1ST YEAR STUDENTS | 2ND YEAR STUDENTS | 3RD YEAR STUDENTS | 4TH YEAR STUDENTS | ** GRADUATES | *** OTHERS |
|-------------|-------|-------------------|-------------------|-------------------|-------------------|--------------|------------|
| 1994 | 1618 | 550 | 404 | 327 | 337 | 317 | 311 |
| 1995 | 1841 | 709 | 464 | 344 | 324 | 309 | 276 |
| 1996 | 2394 | 1036 | 632 | 414 | 312 | 281 | 303 |
| 1997 | 2907 | 1057 | 934 | 532 | 384 | 332 | 316 |
| 1998 | 3446 | 1200 | 983 | 758 | 505 | 312 | 276 |

Note: Total includes only first to fourth year students.

** Students who completed internship but not licensing examination.

*** Students who completed internship and licensing examination.

1. Are graduates of your school eligible for licensure in your country?
(Yes) No (circle one)

2. Pass rate on ECFMG/FMGEMS FOR PAST FIVE YEARS:

| | | |
|-------------------------|------------|----------|
| No. taking ECFMG/FMGEMS | No. passed | % passed |
|-------------------------|------------|----------|

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Note: See APPENDIX III

* if more than one class is admitted in one calendar year, adapt the table to identify each class and indicate date (s) of admission.

VI. OTHER EDUCATIONAL PROGRAMS OF THE SCHOOL:

ENROLLMENT IN THE UNIVERSITY

Introduction:

Before introduction, following is a brief explanation of the Mexican system of education:

There exists in Mexico a different concept of professional careers and how to grant a license to practice them. The USA system depends greatly on private institutions and state regulatory agencies to insure quality control and to grant license to people in professions such as law, architecture, medicine, and teaching.

In México, granting of licenses is done through the national General Direction of Titles and Professions of the National Autonomous University of México up to July 1991, from that date by the presidential decree number 158 mentioned above UAG grants the final degree of professional study, the national Secretariat of Public Education as witness. Additionally, it must be registered in the government agency established for this in order to grant the corresponding licence. Once granted, the person can practice his/her profession in any part of the country.

There exists another dimension in the centralized organization in the Mexican system. Many careers have been classified as "professional" and any person that studies in these programs needs to complete more university semesters than those who study "nonprofessional careers". After graduating, the individual who did professional studies must pass the Professional Examination. This examination is given at the UAG. After the UAG graduate completes this requisite, he/she receives a title which is the evidence for granting the licenciatura degree.

An Explanation of the Degrees follows:

The licenciatura can be vaguely compared with the bachelor's, but there exists a small difference. The typical university in USA including Puerto Rico, has a list of general education courses that must be taken so that the candidate may be eligible to graduate and obtain the bachelor's. This courses normally take up approximately two program years or four pre-degree years required for the majority of baccalaureates. As a consequence, the USA graduate does approximately two years of study in the area of concentration.

In the Mexican system, what can be compared with the courses of general education offered at university level and the USA, including Puerto Rico, are the courses taken in preparatory school: the students choose an "area of concentration" and must take a variety of courses to graduate. The study program is called bachillerato. After graduating from preparatory school the student is considered adequately prepared in courses of general education to continue studies in the area of the chosen career.

The degree of licenciatura that requires 8 or more semesters (medicine for example, comprises 10 semesters, including the internship) represents perhaps double or more time of study in the area of the concentration than the bachillerato.

Another type of degree is the diplomado or técnico profesional. This degree usually requires two or three years of study. The degree of diplomado is granted directly by the UAG, although some have compared the "associate degree" with the diplomado.

The maestría and the doctorado are similar to USA counterparts. These graduate programs include courses similar to those offered in the USA, in comparable periods of time.

Following are listed the study programs, enrollments, and degrees granted for the health sciences area of UAG, of which the school of medicine forms part. Also included is a list of programs and degrees granted for other areas of the university.

VI. OTHER EDUCATIONAL PROGRAMS OF THE SCHOOL:

HEALTH SCIENCES AREA

| NAME | SCHOOL | CURRENT ENROLLMENT | DEGREE |
|-------------------|---------------------|--------------------|-------------|
| - MEDICINE | SCHOOL OF MEDICINE | 4076 | LICENCIATE |
| - DENTISTRY | SCHOOL OF DENTISTRY | 205 | LICENCIATE |
| - GENERAL NURSING | SCHOOL OF NURSING | 42 | CERTIFICATE |

GRADUATE HEALTH SCIENCES AREA

| NAME | SCHOOL | CURRENT ENROLLMENT | DEGREE |
|---------------------------------------|-----------|--------------------|---------------|
| - NEUROLOGY | MEDICINE | 0 | CERTIFICATION |
| - PEDIATRICS | MEDICINE | 4 | CERTIFICATION |
| - DERMATOLOGY | MEDICINE | 0 | CERTIFICATION |
| - ANESTHESIOLOGY | MEDICINE | 0 | CERTIFICATION |
| - OPHTHALMOLOGY | MEDICINE | 2 | CERTIFICATION |
| - GINECOLOGY-OBSTETRICS | MEDICINE | 4 | CERTIFICATION |
| - INTERNAL MEDICINE | MEDICINE | 1 | CERTIFICATION |
| - NEUROSURGERY | MEDICINE | 0 | CERTIFICATION |
| - GENERAL SURGERY | MEDICINE | 3 | CERTIFICATION |
| - OTORHINOLARYNGOLOGY | MEDICINE | 1 | CERTIFICATION |
| - PSYCHIATRY | MEDICINE | 11 | CERTIFICATION |
| - RADIOLOGY-IMAGING | MEDICINE | 4 | CERTIFICATION |
| - TRAUMA AND ORTHOPEDICS | MEDICINE | 6 | CERTIFICATION |
| - UROLOGY | MEDICINE | 0 | CERTIFICATION |
| - ENDOCRINOLOGY | MEDICINE | 1 | CERTIFICATION |
| - BIOMEDICAL SCIENCES | MEDICINE | 0 | CERTIFICATION |
| - ENDODONTICS | DENTISTRY | 12 | CERTIFICATION |
| - PEDIATRIC DENTISTRY | DENTISTRY | 12 | CERTIFICATION |
| - ORAL REHABILITATION | DENTISTRY | 16 | CERTIFICATION |
| - PERIODONTICS | DENTISTRY | 6 | CERTIFICATION |
| - ORTODONTICS | DENTISTRY | 14 | CERTIFICATION |
| - SURGICAL NURSING | NURSING | 11 | CERTIFICATION |
| - PUBLIC HEALTH NURSING | NURSING | 3 | CERTIFICATION |
| - PEDIATRIC NURSING | NURSING | 4 | CERTIFICATION |
| - ADMINISTRATION AND TEACHING NURSING | NURSING | 7 | CERTIFICATION |
| - INTENSIVE CARE NURSING | NURSING | 10 | CERTIFICATION |

HUMANITIES AND SOCIAL SCIENCES AREA

| NAME | SCHOOL | CURRENT ENROLLMENT | DEGREE |
|------------------------------------|-----------------------------------|--------------------|------------|
| - ECONOMICS | FACETRHI | 110 | LICENCIATE |
| - PUBLIC ACCOUNTING | FACETRHI | 608 | LICENCIATE |
| - TOURISM ADMINISTRATION | FACETRHI | 147 | LICENCIATE |
| - BUSINESS ADMINISTRATION | FACETRHI | 273 | LICENCIATE |
| - HOTEL ADMINISTRATION | FACETRHI | 62 | LICENCIATE |
| - HUMAN RESOURCES ADMINISTRATION | FACETRHI | 14 | LICENCIATE |
| - ARCHEOLOGY | ANTHROPOLOGY | 13 | LICENCIATE |
| - SOCIAL ANTHROPOLOGY | ANTHROPOLOGY | 9 | LICENCIATE |
| - ARCHITECTURE | DESIGN CENTER | 573 | LICENCIATE |
| - INTERIOR & LANDSCAPE DESIGN | DESIGN CENTER | 104 | LICENCIATE |
| - INDUSTRIAL DESIGN | DESIGN CENTER | 119 | LICENCIATE |
| - GRAPHIC DESIGN | DESIGN CENTER | 173 | LICENCIATE |
| - SOCIAL WORK | LAW | 3 | LICENCIATE |
| - LAW | LAW | 378 | LICENCIATE |
| - EDUCATION | FACULTY OF PEDAGOGY | | LICENCIATE |
| - PRIMARY EDUCATION | FACULTY OF PEDAGOGY | 25 | LICENCIATE |
| - PRESCHOOL EDUCATION | FACULTY OF PEDAGOGY | 70 | LICENCIATE |
| - HISTORY | FACULTY OF PHILOSOPHY | 140 | LICENCIATE |
| - LITERATURE AND HISPANIC LANGUAGE | FACULTY OF PHILOSOPHY AND LETTERS | 67 | LICENCIATE |
| - PSYCHOLOGY | PSYCHOLOGY | 129 | LICENCIATE |
| - COMMUNICATION | JOURNALISM | 228 | LICENCIATE |
| - INTERNATIONAL BUSINESS | FACETRHI | 537 | LICENCIATE |
| - INTERNATIONAL FINANCES | FACETRHI | 135 | LICENCIATE |
| - INTERNATIONAL MARKETING | FACETRHI | 316 | LICENCIATE |
| - LANGUAGE TEACHING | INTL. LANGUAGE CENTER | 7 | LICENCIATE |
| - INTERNATIONAL/RELATIONS | FACETRHI | 573 | LICENCIATE |

GRADUATE HUMANITIES AND SOCIAL SCIENCES AREA

| NAME | SCHOOL | CURRENT ENROLLMENT | DEGREE |
|--|-------------------|--------------------|----------------------|
| - ARCHITECTURE | GRADUATE DIVISION | 10 | MASTER'S |
| - ADMINISTRATION | GRADUATE DIVISION | 81 | MASTER'S |
| - FISCAL LAW | GRADUATE DIVISION | 0 | MASTER'S |
| - INT'NL. CORPORATION LAW | GRADUATE DIVISION | 53 | MASTER'S |
| - FISCAL LAW | GRADUATE DIVISION | 22 | CERTIFICATION |
| - TRANSLATION AND INTERPRETING (ENG.& SPAN.) | GRADUATE DIVISION | 11 | MASTER'S |
| - PHILOSOPHY AND LOGIC | GRADUATE DIVISION | - | MASTER'S |
| - EDUCATION | GRADUATE DIVISION | 14 | MASTER'S & DOCTORATE |
| - QUALITY CONTROL SYSTEMS | GRADUATE DIVISION | 27 | MASTER'S |

SCIENCE AND TECHNOLOGY AREA

| NAME | SCHOOL | CURRENT ENROLLMENT | DEGREE |
|---|-----------------------|--------------------|------------|
| - CIVIL ENGINEERING | ENGINEERING | 304 | LICENCIATE |
| - ACTUARY | MATHEMATICS (ICET) | 573 | LICENCIATE |
| - MATHEMATICS | MATHEMATICS (ICET) | 122 | LICENCIATE |
| - AGRICULTURAL ENGINEERING | AGRICULTURAL ENGINEER | 17 | LICENCIATE |
| - ENVIRONMENTAL BIOTECHNOLOGY | BIOLOGY (ICB) | 316 | LICENCIATE |
| - AQUICULTURE BIOTECHNOLOGY | BIOLOGY (ICB) | 78 | LICENCIATE |
| - CHEMICAL ENGINEERING | CHEMICAL SCIENCES | 30 | LICENCIATE |
| - FOOD ENGINEERING | CHEMICAL SCIENCES | 26 | LICENCIATE |
| - CHEMICAL PHARMACOBIOLOGY | CHEMICAL SCIENCES | 51 | LICENCIATE |
| - ZOOTECNICAL ADMINISTRATION | ENGINEERING | 104 | LICENCIATE |
| - MEDICAL ELECTRONICS ENGINEERING | ENGINEERING | 60 | LICENCIATE |
| - ELECTRONIC ENGINEERING | ENGINEERING | 65 | LICENCIATE |
| - ELECTRONICS AND COMMUNICATION | ENGINEERING | 88 | LICENCIATE |
| - POWER ELECTRONICS ENGINEERING | ENGINEERING | 33 | LICENCIATE |
| - INDUSTRIAL & ELECTRONIC ENGINEERING | ENGINEERING | 13 | LICENCIATE |
| - INSTRUMENTATION AND CONTROL ENGINEERING | ENGINEERING | 3 | LICENCIATE |
| - COMPUTER SCIENCE ENGINEERING | ENGINEERING | 57 | LICENCIATE |
| - COMPUTATIONAL SYSTEMS ENGINEERING | ENGINEERING | 122 | LICENCIATE |
| - INDUSTRIAL & SYSTEMS ENGINEERING | ENGINEERING | 122 | LICENCIATE |
| - ELECTRICAL & MECHANICAL ENGINEERING | ENGINEERING | 62 | LICENCIATE |
| - FINANCIAL INFORMATICS | ENGINEERING | 28 | LICENCIATE |
| - INDUSTRIAL INFORMATICS | ENGINEERING | 3 | LICENCIATE |
| - TELEINFORMATICS | ENGINEERING | 55 | LICENCIATE |
| - INFORMATICS | ENGINEERING | 9 | LICENCIATE |

GRADUATE SCIENCE AND TECHNOLOGY AREA

| NAME | SCHOOL | CURRENT ENROLLMENT | DEGREE |
|------------------------|-------------------|--------------------|-----------|
| - COMPUTER SCIENCE | GRADUATE DIVISION | 11 | MASTER'S |
| - MATHEMATICS TEACHING | GRADUATE DIVISION | 3 | MASTER'S |
| - CHEMISTRY | GRADUATE DIVISION | 1 | MASTER'S |
| - CHEMISTRY | GRADUATE DIVISION | 1 | DOCTORATE |

MIDDLE EDUCATION

| NAME | SCHOOL | CURRENT ENROLLMENT | DEGREE |
|-------------------------|-----------------------------|--------------------|-------------|
| - LOMAS DEL VALLE | JUNIOR HIGH SCHOOL | 483 | CERTIFICATE |
| - LOMAS DEL VALLE | HIGH SCHOOL | 783 | CERTIFICATE |
| - COLINAS DE SAN JAVIER | FEMALE JUNIOR & HIGH SCHOOL | 316 | CERTIFICATE |
| - ESCUELA CENTRO | JUNIOR & HIGH SCHOOL | 193 | CERTIFICATE |
| | NIGHT & HIGH SCHOOL | 40 | CERTIFICATE |
| - ANTONIO CASO | JUNIOR HIGH SCHOOL | 98 | CERTIFICATE |

UNIVERSITY OF THE COMMUNITY

| NAME | SCHOOL | CURRENT ENROLLMENT | DEGREE |
|---------------------------------------|--------|--------------------|-------------|
| - CLINICAL BIOCHEMISTRY | UNICO | 2 | CERTIFICATE |
| - MICROBUSINESS ADMINISTRATION | UNICO | 148 | CERTIFICATE |
| - GARDENING | UNICO | 11 | CERTIFICATE |
| - COMPUTER-ASSISTED INDUSTRIAL DESIGN | UNICO | 39 | CERTIFICATE |
| - ELECTRONIC COMMUNICATIONS | UNICO | 87 | CERTIFICATE |
| - FOOD AND DRINKS | UNICO | 118 | CERTIFICATE |
| - HOTELS & MOTELS | UNICO | 23 | CERTIFICATE |
| - TRAVEL AGENCY | UNICO | 14 | CERTIFICATE |
| - FASHION DESIGN | UNICO | 101 | CERTIFICATE |
| - ADVERTISING GRAPHIC DESIGN | UNICO | 133 | CERTIFICATE |
| - PHYSIOTHERAPY | UNICO | 21 | CERTIFICATE |
| - OPTOMETRY | UNICO | 28 | CERTIFICATE |
| - DECORATIVE DESIGN | UNICO | 78 | CERTIFICATE |
| - PUBLIC RELATIONS | UNICO | 45 | CERTIFICATE |
| - BILINGUAL ADMINISTRATIVE ASSISTANCE | UNICO | 38 | CERTIFICATE |
| - AGRIBUSINESS | UNICO | 20 | CERTIFICATE |
| - INDUSTRIAL ELECTROMECHANICS | UNICO | 15 | CERTIFICATE |
| - CHILDCARE | UNICO | 82 | CERTIFICATE |
| - DENTAL PROSTHETICS | UNICO | 3 | CERTIFICATE |
| - RADIOLOGY | UNICO | 28 | CERTIFICATE |
| - NUTRITION | UNICO | 63 | CERTIFICATE |
| - BOVINE PRODUCTION | UNICO | 8 | CERTIFICATE |
| - ELECTRONIC SYSTEMS | UNICO | 48 | CERTIFICATE |
| - INTERNATIONAL BUSINESS | UNICO | 151 | CERTIFICATE |
| - PROFESSIONAL PHOTOGRAPHY | UNICO | 26 | CERTIFICATE |
| - ELECTRONICS SYSTEMS | UNICO | 24 | CERTIFICATE |
| - ACCOUNTING SYSTEMS | UNICO | 1 | CERTIFICATE |
| - MARKETING AND PUBLICITY | UNICO | 168 | CERTIFICATE |
| - INFORMATION SYSTEMS | UNICO | 75 | CERTIFICATE |
| - INTERNAL AUDITING | UNICO | 4 | CERTIFICATE |
| - STOCK MARKET | UNICO | 5 | CERTIFICATE |
| - RESIDENT IN CIVIL BUILDINGS | UNICO | 4 | CERTIFICATE |
| - LABOR SAFETY & HYGIENE | UNICO | 59 | CERTIFICATE |
| - QUALITY SYSTEMS | UNICO | 2 | CERTIFICATE |

| | | | |
|--|-------|-----|-------------|
| FINANCIAL INSTITUTIONS ADMINISTRATION | UNICO | 16 | CERTIFICATE |
| - COMMUNICATION & PUBLIC RELATIONS | UNICO | 54 | CERTIFICATE |
| - MARKETING & COMMERCIALIZATION | UNICO | 101 | CERTIFICATE |
| - BT. ADMINISTRATION | UNICO | 573 | CERTIFICATE |
| - BT. COMMUNICATION | UNICO | 78 | CERTIFICATE |
| - BT. ACCOUNT | UNICO | 9 | CERTIFICATE |
| - BT. ARCHITECTONIC DESIG | UNICO | 119 | CERTIFICATE |
| - BT. GRAFIC DESIG | UNICO | 74 | CERTIFICATE |
| - BT. ELECTRONIC | UNICO | 60 | CERTIFICATE |
| - BT. INFORMATICS | UNICO | 155 | CERTIFICATE |
| - BT. COMPUTATION | UNICO | 20 | CERTIFICATE |

ABBREVIATIONS

| | |
|------------------|---|
| FACETRHI. | School of Administration, Accounting, Economics, Tourism, Industrial Relations, Hotel Management, and International Careers |
| ICET. | Institute of Exact and Terrestrial Sciences |
| ICB. | Institute of Biological Sciences |
| UNICO. | University in the Community |
| ADMON. | Administration |
| INTER. | International |
| BT. | Technical High School |

VII.- STUDENT EXPENSES IN U.S. (In dollars)

**DOLLARS FOR A TYPICAL
SCHOOL YEAR:**

A. TUITION PER ACADEMIC/YEAR:

| | |
|----------|-----------|
| 1st year | \$ 15,700 |
| 2nd year | \$ 15,700 |
| 3rd year | \$ 15,700 |
| 4th year | \$ 15,700 |
| 5th year | \$ 3,000 |
| 6th year | \$ 2,480 |

B. FEES: (LIST EACH)

1st Year

| | |
|--|------------|
| APPLICATION INTERVIEW FEE | \$ 25 |
| (For interview in USA) | \$ 50 |
| INSCRIPTION (One time payment) | \$ 2,000 |
| DOCUMENT TRANSLATION FEE | \$ 40 each |
| NORTH AMERICAN STUDENT ASSOCIATION FEE (NASA) | \$ 180 |

2nd Year

| | |
|---|--------|
| NORTH AMERICAN STUDENT ASSOCIATION FEE | \$ 180 |
|---|--------|

3rd Year

NORTH AMERICAN
STUDENT ASSOCIATION
FEE \$ 180

4th Year

NORTH AMERICAN
STUDENT ASSOCIATION
FEE \$ 180

GRADUATION FEE \$ 190

LATIN DIPLOMA \$ 100

MALPRACTICE
INSURANCE \$ 667

5th Year --

6th Year

PROFESSIONAL DEGREE
EXAMINATION \$ 1,160

AVERAGE TOTAL YEARLY EXPENSE:
(SHOW COMPONENTS INCLUDING
ACADEMIC COSTS AND LIVING
EXPENSES; OMIT TRANSPORTATION TO
OVERSEAS LOCATIONS) \$ 18,700

VIII. EDUCATIONAL PROGRAM LEADING TO M.D. DEGREE OR EQUIVALENT:
(IF YOU HAVE MORE THAN ONE PROGRAM, DESCRIBE EACH PROGRAM)

A. TOTAL DURATION OF THE PROGRAM IN WEEKS

261

| | |
|-----------------------|-----------|
| WEEKS IN FIRST YEAR | <u>37</u> |
| WEEKS IN SECOND YEAR | <u>40</u> |
| WEEKS IN THIR YEAR | <u>40</u> |
| WEEKS IN FOURTH YEAR | <u>40</u> |
| OTHER YEAR: INTERNADO | <u>52</u> |
| SERVICIO SOCIAL | <u>52</u> |

CONTENT OF THE EDUCATIONAL PROGRAM REQUIRED FOR ALL STUDENTS.

CLINICAL INSTRUCTION

INTERNATIONAL PROGRAM AND LATIN GROUP.

| CLINICAL INSTRUCTION INVOLVING PATIENTS | CLOCK HOURS OF LECTURE | LOCATION OF INSTRUCTION | DURATION WKS OF CLINICAL CLERKSHIP |
|--|------------------------|---------------------------------|------------------------------------|
| INTERNAL MEDICINE | 72 | H.A.L. | 15 |
| CARDIOLOGY | | H.A.L. | |
| GASTROENTEROLOGY | | H.A.L. | |
| NEUMOLOGY | | H.A.L. | |
| APPLIED CLINIC | | H.A.L. | |
| FAMILY AND COMMUNITY MEDICINE | | H.A.L. | |
| PSYCHIATRY | 23 | H.A.L. & SAN JUAN DE DIOS HOSP. | 5 |
| OBSTETRICS AND GYNECOLOGY | 35 | H.A.L. | 6 |
| PEDIATRICS | 57 | H.A.L. & H.R.G. | 6 |
| SURGERY | 29 | H.A.L. & H.R.G. | 8 |
| SELECTIVE SUBJECTS OF INTERNAL MEDICINE AND PEDIATRICS | 135 | H.A.L. & H.R.G. | 20 |
| NEUROLOGY | | | |
| DERMATOLOGY | | H.A.L. & H.R.G. | |
| INFECTOLOGY | | H.A.L. & H.R.G. | |
| FORENSIC MEDICINE | | H.A.L. & H.R.G. | |
| ENDOCRINOLOGY | | H.A.L. & H.R.G. | |
| NUTRITION | | H.A.L. & H.R.G. | |
| AMBULATORY MEDICINE | | H.A.L. & H.R.G. | |
| SELECTIVE SUBJECTS OF SURGERY AND OBSTETRICS/GYNECOLOGY | 109 | H.A.L. & H.R.G. | 20 |
| UROLOGY | | H.A.L. & H.R.G. | |
| EMERGENCY MEDICINE | | H.A.L. & H.R.G. | |
| TRAUMATOLOGY AND ORTHOPEDICS | | H.A.L. & H.R.G. | |
| OPHTHALMOLOGY | | H.A.L. & H.R.G. | |
| E.N.T. | | H.A.L. & H.R.G. | |
| SURGICAL AND OB/GYN EMERGENCIES | | H.A.L., H.R.G. & H.L.M. | |

ABBREVIATIONS

H.A.L. = Dr. Angel Leaño Hospital
H.R.G. = Ramón Garibay Hospital
H.L.M. = López Mateos Hospital

- L. The student should possess skills to educate patients, members of the community, health care personnel, medical students and physicians in the area of the graduate's own expertise.
- M. The student should practice the art of patient care, demonstrating knowledge of the impact of illness on the patient and the patient's family.

V. CLINICAL CURRICULUM OUTLINE

Based upon the mission of the School of Medicine, two general principles have guided the development of the clinical curriculum.

- A. **First Principle: There is a body of fundamental, basic knowledge that all medical students should acquire regardless of their career plans.** The clinical curriculum of the School of Medicine is a superior overall approach, teaching as it does the required material in combination with an effectively integrated pathophysiological/introduction to medicine course. To fulfill this principle, the curriculum design emphasizes acquisition of basic skill rather than details of specialty knowledge. Most important as well is the strong grounding of each student in the humanistic aspects of medicine.
- B. **Second Principle: The balance of the curriculum should depart from traditional clinical curricula by increasing the amount of time spent in primary care rotations and deemphasizing the rotations through non-primary-care disciplines.** More will be said hereafter about the required clerkships.

VI. ACADEMIC GUIDELINES FOR FOURTH-YEAR CLERKSHIPS

For the Cooperative Medical education Program, the curriculum structure is:

Seventh semester: Selective subjects of Internal Medicine and Pediatrics

A. MEDICINE.

1. Clerkship summary--

During the medicine clerkship, (10 weeks) the student is expected to acquire the skills of data collection (history, physical examination, laboratory assessment) at a level consistent with the solution of common patient problems. This is achieved through the initial contact with patients admitted to the general medical units. In all of these exercises, the student is closely supervised by the faculty and senior house staff.

2. Goals for the Clerks--

- a. To integrate compassion, concern, and empathy in the delivery of comprehensive and personalized care;
- b. To acquire knowledge of common illnesses; and
- c. To be able to discuss and experience the problems related to medical and psychosocial issues, such as compliance behavioral issues, influence of family dynamics on the health of the individual, the influence of disease on other members of the family, screening, and other topics.

3. Objectives:

- a. To be able to identify and describe common illnesses on an objective test;
- b. To be able to describe the nature of continuous and comprehensive care;
- c. To be able to use interviewing techniques to determine the medical and psychosocial significance of patient problems.
- d. To be able to identify appropriate management skills for common patient problems.
- e. To be able to research the literature in the area of common illnesses;
- f. To be able to perform a competent history and physical exam; and
- g. To be able to approach medical problems with an understanding of how illness affects the family.

B. PEDIATRICS

During their rotation, the students will receive (10 weeks) of experience divided between pediatric in-patients, clinic, and the emergency room. Students will also receive exposure to the newborn service, during which time they will examine newborn infants and participate in the well-baby clinic. In the course of the clerkship the student will attend all conferences and will receive a lecture series on a range of topics in pediatrics and neonatology. Students may also be assigned on a regular basis to emergency and night admissions.

The students will participate in patient care as part of a team composed of the senior and/or junior residents, attending physician, and chief of the department. The emphasis is on the scientific basis of pediatrics practice, pathophysiology, and the preventive potential of pediatrics. The family as a nurturing unit is stressed. Special

emphasis is placed on history-taking and the interpretation of physical signs of disease and of growth and development.

Students are expected to demonstrate adequate interviewing, observational, and reasoning skills and basic fundamental knowledge of pediatrics. The student evaluation at the end of the clerkship will be based on reports submitted by the faculty and residents about their respective students.

Eighth semester: Selective subjects of Surgery and OB/GYN

C. OBSTETRICS AND GYNECOLOGY.

The clinical clerkship in obstetrics and gynecology (10 weeks) presents an opportunity for the student to become intimately involved with the ambulatory and hospital care of female patients with pregnancy and/or diseases of the reproductive tract. It is designed to appropriately ground students in obstetrics and gynecology regardless of the specialty they eventually enter. Doing as many deliveries as one can should not be the major goal of this rotation, as that is not the critical part of the learning experience. It is far more important to learn the medical complications of pregnancy, workup of infertility, normal menstrual cycle, etc.

Student evaluations are primary based on clinical functioning. This includes ability at history taking and physical examination; diagnostic acumen; clinical aptitude; growth in technical skills; ability to function within a hospital environment and to perform certain responsibilities; interaction with attending physicians, residents, nurses, and patients; and a willingness to accept responsibility for patient care and for self-

education by independent reading in assigned clinical problems. Evaluations are solicited from residents and preceptors following the conclusion of the clerkship.

D. SURGERY.

The clerkship in Surgery aims to prepare all students to be able to analyze surgical problems; to recognize and meet emergency situations, and to understand the diagnosis and management of common surgical diseases. Students are provided experiences with both in patient and out-patients, giving them opportunities for acquiring sound habits of case study, analysis of problems for decision-making, independent search for pertinent information, and the development of effective doctor/patient relationships.

Each student has an opportunity to have (10 weeks) of general Surgery and their sub-specialties in the eighth semester. The student is assigned usually to one surgical service. The entire clerkship includes assignment as part of the clinical care team, which includes attending, residents, sub-interns, and clinical clerks. Students may also be assigned on a regular basis to emergency and night admissions the students function as members of the care team by performing histories and physicals, daily progress notes, assessment of patient's condition, participation in the operating room, and functioning in clinics. In addition, students are provided lectures covering basic surgical topics and are encouraged to follow reading lists. Students are expected to attend departmental conferences and teaching rounds.

Every effort is made to provide the students with well-rounded instruction in the principles of general Surgery, including pre-and postoperative care, shock, wound healing, multiple organ systems studies, care of the seriously injured patient, and many other areas of general Surgery.

Students learn patient work-up, pre-and postoperative orders, daily progress notes, dressing changes, and other details of the patient/doctor relationship on the surgical service. The student has an opportunity for a close working relationship with the house staff and attending, and is given as much responsibility as is appropriate to his/her knowledge and ability. Students are incorporated into the care team and contribute materially to the management of patients, both from a diagnostic and a therapeutic standpoint. Emphasis is on a knowledge of the scope and limitation of surgical treatment, with the proper methods to apply in attempting to restore organic disturbances presented by the patients. Students are expected to attend clinics and conferences programs of their respective services.

Students evaluation is based on clinical performance, written examination, and oral presentation.

C. Students.

1. Students who apply to the Co-op Program are required to meet specific criteria and follow application procedures. Eligibility does not necessarily confer selection.
2. Students are assigned to the Director of Medical Education at each hospital, who maintains supervision of the students. This supervision may be delegated to individual department directors of the clinical disciplines, all of whom are adjunct faculty members

D. Clinical Coordinator.

1. Introduction: In January, 1986, the School of Medicine introduced an additional system of supervision for education programs offered to clinical clerks in the fourth year, through the Cooperative Medical Education Program.
2. Goal-- The goal of this program is to implement a program of systematic monitoring and evaluation of the quality and appropriateness of Cooperative Medical Education Program supervision, and to pursue opportunities to improve education and resolve problems.
3. Scope-- The program will apply to all departments at affiliated hospitals, including Medicine, Surgery, pediatrics, Obstetrics/Gynecology. Appointments are to be made with the approval of the Dean.