

1991

Health Professions Division Catalog 1991-1993

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**SOUTHEASTERN
UNIVERSITY**
OF THE HEALTH SCIENCES

CATALOG
1991 - 1993

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Southeastern University of the Health Sciences does not discriminate on the basis of age, race, color, national and ethnic origin, sex, religion or handicap in the administration of its employment and educational policies, student admissions policies, scholarship and loan programs and other programs administered by the University.

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**Southeastern University
of the
Health Sciences**



**College of Osteopathic Medicine
College of Pharmacy
College of Optometry**

**1750 N.E. 167th Street / North Miami Beach, FL 33162-3017
(305) 949-4000**

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Morton Terry, D.O.

President

Letter From The President

What started out barely a decade ago as a dream for a more "people oriented" medical curriculum has evolved into a major health professions campus with colleges of osteopathic medicine, pharmacy, and optometry. Yet with our growth comes an enhanced dedication to excellence in health care and a desire to break through traditional barriers between the professional and patient communities.

Our mission is to train health professionals who will make an impact and fulfill a unique need in society. With our commitment to the underserved, and to geriatric, minority, and rural health care, we are reaching patients who have fallen through the cracks" of the traditional medical system. We have led the way with programs that focus efforts on those in greatest need of care.

We are a unique school, and it is the difference we provide that contributes to the better health of the communities in which we serve. Our campus promotes the interaction of medical, pharmacy, and optometry students and faculty, and the resulting multidisciplinary environment provides for an enriched health education.

We continue our commitment to excellence in health education and in service to the community.

Morton Terry, D.O.
President

Administration



Arnold Melnick, D.O.
Executive Vice President and Provost



Daniel M. Finkelstein, D.O.
Vice President, Finance



Frederick Lippman, B.S.
Vice President, External Affairs

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Frederick Lippman, B.S., Vice President, External Affairs

Joseph J. Namey, B.S., D.O., F.A.C.G.P., F.A.O.C.A.I., F.A.C.O.Rh., Vice President for Medical Affairs

Neil Natkow, A.B., D.O., F.A.C.G.P., Vice President, Professional Affairs

Harold E. Laubach, B.S., M.S., Ph.D., Associate Dean for Basic Sciences

Marla Frohlinger, B.A., Assistant Dean for Admissions and Student Affairs

Mary R. Smith, Registrar

Patrick J. Gorman, B.S.H.A., Director of Student Financial Aid

Jeffrey Schneider, C.P.A., M.B.A., Director of Finance

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Joseph J. Namey, D.O.,
Vice President, Medical Affairs



Neil Natkow, D.O.
Vice President, Professional Affairs

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General Hospital

History

The Southeastern University of the Health Sciences was born out of the commitment and determination of a core group of osteopathic physicians to further the profession and perpetuate the tradition of service unique to the practice of osteopathic medicine.

Through the course of exploring various possibilities, the founders devised a method to secure the necessary funding for what would be the nation's 15th college of osteopathic medicine.

The strategy involved the sale of Osteopathic General Hospital, a non-profit teaching institution they founded, managed, and supported for over twenty years.

OGH was sold to American Medical International and renamed Southeastern Medical Center. The proceeds from the sale were placed into an endowment fund created for the development of the college. The Southeastern College of Osteopathic Medicine, as it was first known, was chartered by the State of Florida in 1979 and was soon recognized by the American Osteopathic Association. In 1981, SECOM opened with a charter class of 40 students. In a few short years, incoming classes have grown to 100 students.

Then, in 1985, a task force was appointed to explore the feasibility of creating a College of Pharmacy. The task force recognized that a growing need existed in Florida for pharmacists and recommended that a College of Pharmacy be created at SECOM. In the Fall of 1987, the Southeastern College of Pharmacy opened with a charter class of 49 students.

SECOM administrative officers recognized a need for a school of optometry in the state, citing future population projections. SECOM's Board of Governors voted unanimously to form a College of Optometry.

December 6, 1988 was a doubly auspicious day for SECOM, for on that date the State Board of Independent Colleges and Universities conferred full university status on the school. The college then became known as the Southeastern University of the Health Sciences. SECOM's application to establish a College of Optometry was also approved, and in the Fall semester of 1989, the Southeastern University College of Optometry opened its doors with a charter class of 29 students.

To meet the needs posed by this rapid development, University officials purchased the Southeastern Medical Center in May, 1991. The former 224-bed hospital, which AMI closed in 1989, was renamed the Morton Terry, D.O., Building in honor of the founder and President of the University. It provides 154,000 square feet of additional renovated space for classrooms, laboratories, and office facilities, and houses the colleges of osteopathic medicine and optometry. It offers the community much needed primary care services on an out-patient basis, and provides medical students with clinical training and experience.

In eleven years SECOM has grown from a college of osteopathic medicine to a multidisciplinary health professions university complex with medical, pharmacy and optometry students sharing the facilities of a \$25 million campus.

Campus

The Southeastern University of the Health Sciences is a complex of four modern buildings designed for educational, administrative and student-related functions. Situated in the heart of North Miami Beach in a quiet residential suburb close to transportation, recreation and housing, the campus offers an ideal environment for students and faculty members alike.

Central to the campus is the three-level Education Building. Completed in 1982, the building boasts two fully-equipped amphitheater-style lecture rooms housed in the eastern wing. A large open student commons area dominates the lobby level of the \$4 million structure.

The second floor is being converted from offices to two large classrooms. Two state-of-the-art laboratories, four preparation rooms used for research and student lockers comprise the third floor.

The Student Activities Building, completed in 1988, offers a broad array of recreational and student activities. The building houses the university's expanded 12,000-square-foot library, which features a vast selection of medical books and professional journals. It is also the home of HARVEY, a computerized mannequin capable of simulating all normal and abnormal cardiac sounds. Designed to address the needs of a diverse student population, the building also features a 500-seat auditorium equipped with an advanced multi-media sound and light system, partition walls to transform the space into three separate classrooms, an Osteopathic Principles and Practice laboratory, student cafeteria, lounge and a gymnasium.

The University's original building, the former administrative hub of the University and its three health professions schools, now serves as the base for the College of Pharmacy. A completely renovated, three-level structure, the building also contains pharmacy laboratories, a model community pharmacy dispensary used to provide clinical training for pharmacy students, and the school's Drug Information Center, which provides needed information on drugs and medications to health care professionals.

Near the campus are over 20 college-owned homes that have been renovated for student housing needs.

Public transportation is served by the nearby bus and rail systems and interstate and turnpike access is in close proximity to the campus. Two international airports at Miami and Fort Lauderdale serve the area.

The academic environment is complemented by the rich cultural and recreational amenities of North Miami Beach and nearby downtown Miami and Fort Lauderdale.

Financial Aid

Applicants should have specific plans for financing three to four years of professional education. This should include provision for tuition, living expenses, books, equipment, travel and miscellaneous expenses.

We encourage student applicants to investigate independent sources of funds. The Financial Aid Office will work with students to pursue all avenues concerning loans, scholarships and federal assistance programs. Separate financial aid programs are provided for the College of Osteopathic Medicine, College of Pharmacy and College of Optometry. These programs can be found under Financial Aid in the listing for the individual college. For more information on any financial aid program, contact the Financial Aid Director.

PHYSICAL EXAMINATION

Every incoming first-year student is required to have a complete physical examination by a licensed physician before registration. Forms to be completed by the student's physician are sent to each new student during the summer prior to the opening of college.

STUDENT HOUSING

Numerous apartments, condominiums and other rental housing facilities are available within a 5 mile radius of the University. Limited on-campus housing facilities are available from the school on a first come, first served basis. Students must secure their own accommodations. Information concerning both on and off campus housing may be obtained from the Office of the Registrar.

HEALTH INSURANCE

It is required that each student carry adequate personal medical and hospital insurance. It is strongly suggested that students and their families avail themselves of the insurance plan obtainable through the University. Students who choose another policy will be required to show proof of adequate medical coverage for the mandatory insurance.

Those with lapsed or inadequate insurance will be held financially responsible for obligations incurred prior to graduation.

HEALTH CENTERS

The clinics owned and operated by the Southeastern University of the Health Sciences serve an important function and are an integral part of the training program. In addition, the clinics provide a vital community function by reaching areas that have traditionally been neglected by the private health sector.

The Broward Family Health Center, now in its fourth year of operation, is staffed and managed by the faculty of the Southeastern University, aided by family medicine residents. Additionally, the facility is used by senior medical students for clinical training rotations.

The clinic, a 16,000 square-foot structure at 1111 W. Broward Blvd., is located in an underserved area of Fort Lauderdale. The management of this healthcare facility, with the full support of SECOM's nearby medical school, guarantees quality health care for the area's residents.

The health center also contains a full service community pharmacy. This facility offers a full line of over-the-counter and prescription drugs and provides hands-on training to senior pharmacy and Pharm.D. students. Recently constructed as part of this unit is the Broward Family Eye Center, a full-service primary eyecare facility operated by the College of Optometry. With a complete array of examining and diagnostic equipment, the facility was modeled as a successful optometric practice site to give students experience in a real-life professional setting. Faculty optometrists staff the optical laboratory and dispensary, visual field testing room, and the five examination rooms of the over 2,000-square-foot unit. The mission of the eye center is to serve the community and provide students hands-on training in optometric practice under the supervision of faculty members. Fourth-year students will spend most of their time there on clinical training rotations.

The University also owns and operates the Family Health Center in Opa-Locka, an underserved inner-city community in the Greater Miami area. The clinic is used as a training center for medical, pharmacy and optometry students and for family medicine residents of the College of Osteopathic Medicine. Besides its training function, the center provides much needed service to the surrounding community.

A new Clinical Center is being established in the Terry Building. It will contain medical, pharmacy and optometry facilities and will service Northeast Dade County.

College of Osteopathic Medicine





College of Osteopathic Medicine

Matthew A. Terry, D.O.
Dean

Administration

Matthew A. Terry, B.S., D.O., M.A., F.A.C.G.P., Dean

Robert A.J. Fernandez, D.O., M.P.H., F.A.C.G.P., Deputy Dean

Howard Neer, B.A., D.O., Associate Dean for Clinical Affairs

Harold E. Laubach, B.S., M.S., Ph.D., Associate Dean for Basic Sciences

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Royal Flagg Jonas, B.S., J.D., Legal Counsel

An Osteopathic Physician

A Doctor of Osteopathy (D.O.) is a highly-trained physician recognized to practice medicine and surgery in all 50 states on the same basis as other physicians.

Osteopathic medical education encompasses all phases of medicine and all scientifically accepted modalities of treatment. But, in addition, DOs bring to the practice of medicine an added dimension in the prevention, care and treatment of patients.

Osteopathic training emphasizes the relationship between physical structure (musculoskeletal) and organic function. Consequently, DOs view the human body as an interdependent unit, rather than an assortment of separate parts and systems. To maintain or restore the harmonious relationship between structure and function, DOs use manipulative therapy, when indicated, to facilitate the healing process. This form of therapy may be used alone or in combination with drugs, x-ray or surgery. Or, it may not be used at all, depending on the diagnosis.

This concept of "whole patient" care coupled with a training program stressing family medicine practice produces highly qualified physicians who are different by design. As a result, DOs have shaped a profession with some unique characteristics. For example:

- Over 65 percent of all DOs are in family practice or one of the primary care specialties, such as internal medicine, obstetrics or pediatrics.
- More than 66 percent of all DOs practice in communities of 50,000 population or less.
- DOs represent only five percent of the total physician population, but provide health care services to ten percent of the people, some 23 million Americans.
- DOs comprise 13 percent of the total physician manpower in the Medical Corps of the Armed Forces.

Because osteopathic physicians provide something more, not something else, communities are experiencing a period of phenomenal need for osteopathic services. A study of osteopathic education funded by the Kellogg Foundation called Osteopathic Medicine "The fastest growing health care profession."

SECOM views with pride the role it is playing in the ongoing development of osteopathic medicine.

ACADEMIC CALENDAR

1991-92

FALL SEMESTER

Monday, August 5, 1991	8:10 A.M. Junior Class 5th Semester Begins.
Saturday, August 10, 1991	Freshman Orientation.
Sunday, August 11, 1991	Registration.
Monday, August 12, 1991	8:10 A.M. Freshman & Sophomore Classes Begin.
Monday, September 2, 1991	Labor Day, No Classes.
Wednesday, November 27, 1991	5:00 P.M. Thanksgiving Recess Begins. Junior Class Phase I Ends.
Monday, December 2, 1991	8:10 A.M. Freshman & Sophomore Classes Resume. Junior Class Phase II Begins.
Friday, December 13, 1991	5:00 P.M. Freshman & Sophomore Semester Ends.
Monday, December 16, 1991	8:10 A.M. Freshman & Sophomore Final Exams Begin.
Friday, December 20, 1991	5:00 P.M. Freshman & Sophomore 1st Semester Ends. Winter Recess Begins.

SPRING SEMESTER

Monday, January 6, 1992	8:10 A.M. Freshman & Sophomore 2nd Semester Begins.
Monday, February 17, 1992	Presidents' Day, No Classes.
Thursday & Friday, March 19 & 20, 1992	National Board Exams, Part II.
Friday, April 10, 1992	5:00 P.M. Spring Recess Begins.
Monday, April 20, 1992	8:10 A.M. Freshman & Sophomore Classes Resume.
Friday, May 1, 1992	5:00 P.M. Senior Class Phase II Ends. Junior Class Phase I Ends.
Monday, May 4, 1992	8:10 A.M. Senior 8th Semester Begins. Junior Class Phase II Begins.
Friday, May 15, 1992	5:00 P.M. Freshman & Sophomore Classes End.
Monday, May 18, 1992	8:10 A.M. Freshman & Sophomore Final Exams Begin.
Friday, May 22, 1992	5:00 P.M. Freshman & Sophomore 2nd Semester Ends.
Monday, May 25, 1992	Memorial Day
Friday, May 29, 1992	5:00 P.M. Senior 8th Semester Ends.
Sunday, May 31, 1992	Graduation.
Thursday & Friday, June 11 & 12, 1992	National Board Exams, Part 1.

ACADEMIC CALENDAR
1992-93
FALL SEMESTER

Curriculum changes at the College of Osteopathic Medicine are currently in the development stages. The College of Osteopathic Medicine will publish a supplement to the 1991-93 Southeastern University catalog which will outline the new curriculum schedule. This supplement will be available in Spring, 1992.

Requirements For Admission

Applicants for admission to the first-year class must meet the following requirements prior to matriculation:

1. A Bachelor's degree from an accredited college or university.
2. Completion of one academic year (generally eight semester hours) of each the following:
GENERAL BIOLOGY, including laboratory
INORGANIC CHEMISTRY, including laboratory
ORGANIC CHEMISTRY, including laboratory
PHYSICS, including laboratory
ENGLISH COMPOSITION AND LITERATURE

These are minimum academic requirements for admission to Southeastern University College of Osteopathic Medicine. Students are urged to enroll in additional courses in behavioral sciences, cultural subjects and the humanities. Embryology and Genetics are also suggested.

3. All applicants are required to take the Medical College Admissions Test (MCAT). It is strongly recommended that the examination be taken in the spring of the year preceding the admissions date. If the applicant feels that test scores are unsatisfactory, the examination may be retaken. Only the best set of scores is considered. All scores are to be forwarded to AACOMAS (American Association of Colleges of Osteopathic Medicine Application Service), 6110 Executive Boulevard, Suite 405, Rockville, Maryland 20852.

Applications for the MCAT may be obtained from your college's pre-professional advisor's office, the SECOM admissions office or by writing directly to the Medical College Admission Test, Box 451, Iowa City, Iowa 52240.

The discipline of intensive study required by osteopathic medicine makes the attainment of a superior GPA in undergraduate studies essential.

ACCREDITATION

Southeastern College of Osteopathic Medicine (SECOM) has been granted accreditation by the Bureau of Professional Education of the American Osteopathic Association. This body is recognized by the U.S. Department of Education and the Council on Post-secondary Accreditation as the accrediting agency for colleges educating osteopathic physicians and surgeons.

SECOM has also been licensed by the State Board of Independent Colleges and Universities of Florida.

Application Procedure

Inquiries for admission should be addressed to the Admissions Office, Southeastern University of the Health Sciences College of Osteopathic Medicine, 1750 Northeast 167th Street, North Miami Beach, Florida 33162-3097.

SECOM participates in the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) for the receipt and processing of all applications. AACOMAS takes no part in the selection of students.

AACOMAS application packets may be obtained from SECOM in person or by writing directly to AACOMAS, 6110 Executive Boulevard, Suite 405, Rockville, Maryland 20852.

The following information must be completed before application may be reviewed by SECOM's Admissions Committee:

1. Materials to be mailed directly to AACOMAS — must be received by January 1st:
 - A. AACOMAS Application
 - B. An official transcript from the Registrar of each college or university in which the student was enrolled (mailed directly by the college to AACOMAS).
 - C. MCAT scores.
2. Materials to be mailed to SECOM by February 15th:
 - A. Supplemental Application (sent to applicant by SECOM on receipt of AACOMAS application).
 - B. Application fee of \$50.00 (non-refundable).
 - C. Letter of recommendation from an osteopathic physician is required.
 - D. A letter of recommendation from the Preprofessional Committee, or if such committee does not exist, three letters of recommendation, two from science professors and one from a liberal arts professor.

Upon receipt of the completed application and required credentials, the Committee on Admissions will select those who are to be interviewed. Those applicants who are selected will be notified in writing as to the time and place. All applicants who are eventually accepted must be interviewed, but an invitation to appear for an interview should not be construed by the applicant as evidence of final acceptance.

All application credentials must be received by the Admissions Office no later than February 15th.

Notice of acceptance or other action by the Committee on Admissions will be on a "rolling" or periodic schedule. Early completion of the application is, therefore, in the best interest of the student.

Tuition and Fees

The Board of Trustees has established the following tuition and fees:

1. Tuition – \$12,325 for 1991-92 academic year for Florida residents and \$16,325 for residents of all other states. In addition, a Student Activities Fee of \$100 is required.
2. Acceptance Fee — \$1,000. This fee is required to reserve the accepted applicant's place in the entering First Year Class. This advance payment will be credited to the tuition payment due on registration day but is not refundable in case of withdrawal. Payment of the first deposit of \$250 is due no later than two weeks after the applicant's date of acceptance. Payment of the second deposit of \$750 is due March 15.
3. Pre-registration Fee — \$1,000. Due May 1st, under the same conditions as Acceptance Fee.

All tuition and fees, less the \$2,000 paid in advance, are due on or before Registration Day. Students will not be admitted to classes until their financial obligations have been met.

*NOTE: Tuition and fees are subject to change at any time at the discretion of the Board of Trustees. Fees are neither refundable nor transferable.

Schedule of Application — Admission Cycle

- JUNE:** Application cycle for following academic year begins. Inquiries are invited by SECOM, and AACOMAS forms will be made available.
- JULY:** Credentials sent to AACOMAS are processed and applicant records sent to SECOM.
A supplementary application will then be sent to the applicant. When it is completed and returned to SECOM and recommendations are received, the completed application will be evaluated for interview.
- OCTOBER:** Personal interviews start.
- MARCH 1:** Deadline for applications to AACOMAS.
- APRIL 15:** Deadline for supplemental applications.
- MAY 1:** Pre-registration fee is due.

Financial Aid

The primary purpose of the Student Financial Aid Program at SECOM is to help as many qualified students as possible attend and complete medical college.

The college believes that the primary financial responsibility for a student's education rests with the student and his family, but realizes that the economic circumstances of some families make it necessary for the student to obtain assistance from other sources.

Most aid awards are based on the financial need of the applicant. Eligibility for financial aid is determined by subtracting the expected family contribution (available sources) from the appropriate budget. The difference is the student's computed financial need. It is the computed financial need (budget minus resources) that the financial aid office attempts to meet in making financial aid awards.

Aid recipients are required to report promptly to the financial aid office any additional financial assistance, such as outside scholarships, grants, and loans.

The section below provides a brief summary of scholarship and other sources of financial aid from the State of Florida, the osteopathic profession, and the Federal government.

SECOM-ADMINISTRATION PROGRAMS

College Work Study (CWS). This program provides financial aid in the form of part-time employment to enable students to earn some of their educational-related expenses. As a rule, students will normally work ten hours per week and up to forty hours during summer and other vacation periods. A student's College Scholarship Services (CSS) Financial Aid Form, SECOM Financial Aid Application, financial aid transcripts, and all tax forms or their equivalent, must be on file for the student to be eligible.

SECOM Minority Scholarship in Osteopathic Medicine.

Amount: Full Tuition for four years.
Eligibility: Entering SECOM Freshman; U.S. citizen or permanent resident; resident of Florida; minority status (strong preference given to members of minority groups considered under-represented in medicine). Selection based on overall qualifications and financial need.

Short Term Emergency Loans. These loans are for emergency purposes and are available with the amount and duration to be determined in each case by the President or his designee.

OSTEOPATHIC PROFESSION SCHOLARSHIP/LOAN PROGRAMS

A.O.A.-N.O.F. Student Loan Fund. National Loans from this source are available to students who are in their third or fourth year in a college of osteopathic medicine. The maximum loan is for \$2,000 with an interest rate of 8% from date of issuance. Interest payments are due on May 31 of each year. All loans are payable two years after graduation, or three years after graduation if the recipient serves an AOA-approved internship. Application forms are available in the Financial Aid Office.

Auxiliary to the AOA Scholarships. Students who rank in the top 20% of the class are eligible to apply for a \$2,000 scholarship at the end of their freshman year.

Russell C. McCaughan Scholarship. This is a \$400 scholarship awarded to one student from each osteopathic college on completion of the first year.

STATE

Auxiliary to the Florida Osteopathic Medical Association Scholarship/Loan Fund. A.F.O.M.A. awards Scholarship Loans to deserving osteopathic students who are in need of financial assistance in order to pursue an osteopathic medical education. The note carries interest from its date of issuance at the rate of six percent. Applicants must be United States citizens and legal residents of the State of Florida.

Auxiliary to the Pinellas County Osteopathic Medical Society, Florida. This is an interest-free loan of approximately \$1,000. The qualifications for applicants are: residency in Pinellas County, Florida; demonstrated financial need; and good standing as a student, preferably in junior or senior year.

Kiwanis Club of North Miami Beach Scholarship Loan Fund. This is a 6% simple interest loan in the amount of \$1,000. The applicant should demonstrate financial need.

Georgia Osteopathic Medical Loan. Awards of up to \$10,000 per year are available to legal residents of the State of Georgia accepted for admission to, or enrolled in good standing at, an osteopathic medical school. Recipients must express a willingness to practice primary care medicine in a medically underserved area in Georgia. Applications can be secured from the Financial Aid Office. Repayment can be cancelled on a year-for-year basis through primary care practice in an underserved area of Georgia.

FEDERALLY SPONSORED SCHOLARSHIP PROGRAMS

Exceptional Financial Aid (EFN) Scholarships. This federally sponsored program provides a limited number of scholarships to students whose needs analysis indicates that neither they nor their parents have any financial resources available to meet the cost of attending medical school. An official need analysis report containing all student and parental financial information, SECOM Financial Aid Application, financial aid transcripts, and all tax forms or their equivalent, must be on file for the students to be deemed eligible. Candidates' files are reviewed in late July or early August. Note: in addition to the above eligibility criteria, to be considered for this scholarship a student must be a U.S. citizen or permanent resident.

FEDERAL SERVICE OBLIGATED SCHOLARSHIPS

Armed Forces Health Profession Scholarship Program (HPSP). These awards are competitive. The award will cover the costs of tuition, fees, books, supplies and a monthly taxable stipend for a year. Recipients must repay that branch of service (Army, Air Force, Navy) one year's active service as a commissioned officer for each year of scholarship support. Minimum obligation is three years.

For further information, contact your nearest Army, Air Force, or Navy recruiter or the Financial Aid Office.

OUTSIDE LOANS/SCHOLARSHIPS/FELLOWSHIPS

Stafford Student Loan (formerly GSL). This loan program enables graduate/professional students to borrow up to \$7,500 per academic year with an overall aggregate to \$54,000, including undergraduate loans. These loans are government subsidized. The interest is paid by the federal government while the student is in school and during deferment and grace periods.

Health Education Assistance Loan (HEAL). This is a variable interest rate, unsubsidized loan. The maximum is \$20,000 per academic year to an aggregate total of \$80,000. However, total aid including the HEAL loan must be within applicable budget and need limits.

Supplemental Loan for Students (SLS). The SLS program awards \$4,000 per year up to a total aggregate amount of \$20,000. The interest is assessed at a variable rate with a 12 percent ceiling. The loan may not exceed the total educational cost minus financial aid awarded.

Veterans' Benefits. Students attending Southeastern College of Osteopathic Medicine are eligible to receive Veterans' benefits under Chapters 30, 31, 32, 34 and 35. For further information and certification material, please contact the Financial Aid Office.

National Medical Fellowships, Inc. This private organization makes awards based on demonstrated financial need. Awards are intended to supplement aid received from other sources. The number of awards is determined by the funds available.

Eligibility Criteria: Applicants must be U.S. citizens or permanent residents who have filed a declaration of intent to become a U.S. citizen, and must be from a minority group considered under-represented in medicine (Blacks, Mexican Americans, American Indians, and mainland Puerto Ricans), and in their first or second year of studies.

We encourage our student applicants to investigate independent sources of funds, such as corporations in which family or relatives are employed, and religious or fraternal groups and service organizations in the localities where the applicant or his/her family resides.

The financial aid administrator stands ready to assist students in pursuing any and all of these avenues.

For further information on any of the listed programs contact the financial aid officer.

Requirements For Graduation

In order to be eligible for the degree of Doctor of Osteopathy, each student shall:

- a) Be at least twenty-one years of age.
- b) Be of good moral character.
- c) Have satisfactorily passed all prescribed examinations.
- d) Have satisfactorily completed the program of study required for the degree, including all assignments.
- e) Have satisfactorily discharged all financial obligations.
- f) Take Parts I and II of the National Board Examination.
- g) Attend in person the commencement program at which time the degree is conferred.
- h) Have been a student in an accredited osteopathic college for at least four academic years.

The College reserves the right, and the student, by his/her act of matriculation, concedes to the College the right to require his/her withdrawal at any time the College deems it necessary to safeguard its standards of scholarship, conduct and compliance with regulations or for such other reasons as are deemed appropriate.

Course of Study

SECOM's four-year curriculum leading to the DO degree has for its goal the preparation of the student for the general practice of osteopathic medicine. A qualified faculty of certified and board-eligible physicians, competent PhDs, and supportive staff will carry out the program's objectives.

The first two and one-half years of instruction are devoted to developing a good foundation in the basic sciences (anatomy, microbiology, pathology, biochemistry, physiology and pharmacology) along with didactic studies in the clinical sciences, including osteopathic principles and practice and the humanities. Clinical sciences are introduced in the first year, and are gradually expanded as the student progresses in his/her course. "Hands-on" experience is provided regularly to enhance the learning process.

Starting with the sixth semester, emphasis will be on actual clinical training, which includes teaching rotations in affiliated hospitals, clinics and health centers as well as in the offices of selected physicians. Under the direct supervision of qualified physicians, students will learn to assume an increasingly greater share of responsibility for all phases of patient care.

After 17 months of clinical service, students will return to campus for an eighth semester consisting of basic and clinical science correlations, and professional and personal preparation for internship, residency and practice.

Throughout the course of study the principles and practice of osteopathic medicine, emphasizing manipulative techniques, will be applied in specific fields. Special attention will be given to important aspects of community medicine including geriatrics, minority medicine, and the humanities.



CURRICULUM OUTLINE

FIRST YEAR, FIRST SEMESTER

COURSE	HOURS
Anatomy I (Embryology)	15
Anatomy II (Histology)	108
Anatomy III (Gross Anatomy of the Trunk and Extremities)	183
Biochemistry I (Introduction, Metabolism)	109
Dean's Hour	18
Emergency Medicine I (First Aid)	9
Emergency Medicine II (Basic Cardiac Life Support)	9
Medical Humanities I (History of Medicine)	9
Medical Humanities II (Humanities in Medicine)	9
OP&P I (General Principles and Techniques)	72
Physiology I (General)	76
TOTAL HOURS	617

FIRST YEAR, SECOND SEMESTER

COURSE	HOURS
Anatomy IV (Head and Neck)	82
Anatomy V (Neuroanatomy)	65
Biochemistry II (Nutrition, Organ Systems)	53
Dean's Hour	18
Family Medicine I (Art of History Taking)	18
Medical Humanities III (Human Sexuality)	18
Microbiology I (Immunology, Bacteriology)	97
OP&P II (Regional Principles and Techniques)	72
Physiology II (Systems)	122
Psychiatry I (Introduction to Psychiatry)	9
TOTAL HOURS	554

SECOND YEAR, FIRST SEMESTER

COURSE	HOURS
Community Medicine I (Biostatistics)	6
Community Medicine II (Survey of Community Medicine)	8
Medical Communications I (Writing, Speaking and Computers)	18
Microbiology II (Mycology, Parasitology, Virology)	62
Neurology	36
OP&P III (Systemic Dysfunctions)	72
Pathology I (General Pathology)	154
Pharmacology	90
Psychiatry II (General Psychiatry)	36
Surgery I (Basics in Surgery)	10
Surgery II (General Surgery)	26
TOTAL HOURS	518

SECOND YEAR, SECOND SEMESTER

COURSE	HOURS
Community Medicine III (Tropical Medicine)	9
Community Medicine IV (Health Care Delivery)	9
Dermatology	18
Family Medicine II (Rural Medicine)	18
Family Medicine III (Hospital Practicum)	72
Internal Medicine I (Endocrinology)	18
Internal Medicine II (Pulmonary)	18
Internal Medicine III (Gastroenterology)	36
Obstetrics and Gynecology I (Gynecology)	36
Ophthalmology	18
OP&P IV (Special Techniques)	68
Pathology II (Clinical Pathology)	24
Pediatrics I	36
Pharmacology	36
Psychiatry III (Special Problems and Substance Abuse)	18
Radiology (Clinical Radiology)	18
Surgery IV (Urology)	18
Surgery V (Orthopedics)	18
TOTAL HOURS	488

THIRD YEAR, FIRST SEMESTER

COURSE	HOURS
Anesthesiology	6
Community Medicine V (Medical Jurisprudence)	14
Emergency Medicine III (Advanced Cardiac Life Support)	16
Emergency Medicine IV (Emergency Medicine)	16
Family Medicine IV (Geriatrics)	18
Family Medicine V (Minority Medicine)	9
Family Medicine VI (Nutrition)	10
Family Medicine VII (Patient Procedures and Management)	36
Family Medicine VIII (Medical Problem Solving)	36
Family Medicine IX (Physical Medicine and Rehabilitation)	18
Family Medicine X (Sports Medicine)	18
Family Medicine XI (Clinical Practicum)	72
Internal Medicine IV (Rheumatology)	9
Internal Medicine V (Allergy)	9
Internal Medicine VI (Infectious Diseases)	16
Internal Medicine VII (Nephrology)	16
Internal Medicine VIII (Hematology, Oncology)	16
Internal Medicine IX (Cardiovascular Medicine)	40
Internal Medicine IX (Electrocardiography)	12
Internal Medicine X (Cardiovascular Medicine)	40
Medical Humanities IV (Religion, Philosophy and Ethics in Medicine)	9
Obstetrics and Gynecology II (Obstetrics)	32
Otorhinolaryngology	16
Pediatrics II	32
Surgery VI (Proctology)	9
TOTAL HOURS	525

THIRD AND FOURTH YEARS

Clinical Rotations — Phase 1

Family Medicine
Internal Medicine
Pediatrics
Psychiatry
Surgery

Clinical Rotations — Phase II

Elective
Geriatrics
Internal Medicine
Obstetrics/Gynecology
Out-Patient Clinics, 3 months
Rural Medicine
Selective - Medical
Selective - Surgical
Surgery and Surgical Specialties
Vacation

FOURTH YEAR, SECOND SEMESTER

EIGHTH SEMESTER — (1 MONTH)

This semester consists of full-time teaching correlation seminars as well as sessions relating to personal and professional preparation for internship, residency and practice. More than 160 hours of activity are included in this semester.



Anatomy

Chairman & Professor: G.R. Conover; **Professor:** G.C. Ericson; **Professors Emeriti:** A.C. Higginbotham, F.H. Higginbotham; **Associate Professors:** L.B. Dribin, J.C. Lanning; **Assistant Professor:** S.F. Simpson

Anatomy I HISTOLOGY & EMBRYOLOGY

112 Hours

A detailed study of cells, tissues and organs of the body as seen through the light microscope, involving both lectures and laboratory work. Transmission and scanning electron micrographs are also studied. A brief introduction to human embryology from gametogenesis to formation of the trilaminar disc, including placentation is included in this course. Development of organ systems is studied in appropriate areas of Gross Anatomy and Neuroanatomy.

Anatomy II GROSS ANATOMY OF THE TRUNK & EXTREMITIES

129 Hours

A detailed study of the gross structure of the human trunk and extremities, including dissection by teams of four students.

Anatomy III GROSS ANATOMY OF THE HEAD & NECK

66 Hours

Continuation of Anatomy II with dissection of the head and neck excluding the brain.

Anatomy IV NEUROANATOMY

52 Hours

A study of the gross structure of the brain and spinal cord and the functional relationship among their parts. Emphasis is placed upon major motor and sensory pathways and integrative mechanisms of the central nervous system.

Anesthesiology

Chairman & Associate Professor: R.H. Sculthorpe; **Clinical Assistant Professor:** E.L. Lowery; **Instructor:** G.J. Arcos; **Clinical Instructors:** C. Friedman, B. Hindin;

ANESTHESIOLOGY

9 Hours

This course will present the student with the fundamentals of clinical anesthesia including pre-operative and post-operative care, selection of anesthesia, and intra-operative management with both general and regional anesthetics. It will provide the background knowledge necessary for family physicians who may be responsible for the preparation and after-care of their patients undergoing anesthesia.

Biochemistry

Chairman & Professor: K.H. Woodside; **Associate Professor:** E.E. Groseclose; **Assistant Professor:** E.O. Keith

Biochemistry I INTRODUCTION AND METABOLISM

109 Hours

This course considers the biochemical reactions and pathways which form the basis for an understanding of normal human health. Laboratory exercises, some involving student volunteer subjects, are included. Several clinical correlation conferences serve to illustrate the normal pathways of metabolism by presenting data on specific diseases.

Biochemistry II NUTRITION AND ORGAN SYSTEMS

53 Hours

Nutrition from a biochemical viewpoint, the biochemistry of the gastrointestinal, pulmonary, renal, muscular and other systems, and endocrinology will be studied. Several laboratories and clinical correlation conferences will be included.

Community Medicine

Chairman & Assistant Professor: W.D. Kirsh; **Professor:** F. Lippman; **Professor Emeritus:** C.L. Brumback; **Clinical Professor:** M. Morganstine; **Associate Professor:** R.A.J. Fernandez; **Clinical Associate Professors:** H.H. Mones, M. Rosenbluth, B.B. Slaughter, P.E. Varidin, R.D. Knapp, S.B. Zucker; **Adjunct Associate Professor:** M. Casper; **Assistant Professors:** C. Aceves-Blumenthal, E.H. Clouse, D.P. Lipson; **Clinical Instructor:** D.R. James

Community Medicine I SURVEY OF COMMUNITY MEDICINE

12 Hours

A socio-economic overview of "public health" with emphasis on the last 20 years. Course work focuses on health statistics, epidemiology, medical sociology, environmental and occupational medicine, quality of care and manpower management. The role of government is contrasted to the historic "non-involvement" of primary medicine.

Community Medicine II BIostatISTICS

6 Hours

The student will be introduced to some of the basic concepts of medical biostatistics. Basic terminology, as well as evaluation of medical research and literature, will be stressed.

Community Medicine III TROPICAL MEDICINE

9 Hours

The Tropical Medicine section of Community Medicine covers the diseases found in sub-tropical and tropical climates. Emphasis is placed on etiology, epidemiology, prevention and treatment of the disease conditions.

Community Medicine IV HEALTH CARE DELIVERY

9 Hours

An overview of the existing methods of bringing health care to the community. Individualism and old traditions are contrasted with the need for balancing availability of services with equitable costs and quality of care.

Community Medicine V MEDICAL JURISPRUDENCE

18 Hours

A seminar and lecture series designed to give the student an appreciation of physician-attorney relationships. An appropriate positive viewpoint is developed relative to court appearances of physicians and preparation of medical reports related to legal issues.

Dermatology

Chairman & Associate Professor: H.A. Schwartzberg; **Clinical Professor:** I. Feldman; **Clinical Assistant Professors:** P.E. Dermer, G. Siegel, S.E. Skopit

DERMATOLOGY

18 Hours

This course will cover basic diagnostic and laboratory methods used to classify and diagnose dermatologic problems. Simple office surgical techniques will also be covered.

Emergency Medicine

Chairman & Associate Professor: B. Feingold; **Clinical Associate Professors:** J.C. Eutzler, E.L. Gitin; **Clinical Assistant Professors:** G.S. Birse, J. Coyle, W. Fili, D. Reynolds, S. Silverman, E.B. Tow, L.S. Ulin; **Clinical Instructors:** A. Bern, S. Collucciello, M. Garrell, D. Hauser, P. Lamelas, F.G. Latos, M. Latterman, M. Meloni, D. Muth, M. Plotka, A. Roba, S. Tenenbaum; **Adjunct Clinical Instructors:** E. Sarama, R. Snodgrass

Emergency Medicine I FIRST AID

9 Hours

The goal of this course is proficiency in basic first aid. It is based on the Emergency Medical Technician introductory course and prepares the student to render first aid in all situations.

Emergency Medicine II BASIC CARDIAC LIFE SUPPORT

9 Hours

This course in basic cardiac life support is approved by the American Heart Association and leads to certification upon successful completion.

Emergency Medicine III ADVANCED CARDIAC LIFE SUPPORT

16 Hours

The student will take an advanced cardiac life support course approved by the American Heart Association. Current certification in basic cardiac life support is a prerequisite for this course.

Emergency Medicine IV EMERGENCY MEDICINE

18 Hours

This course stresses the prompt recognition and emergency management of both common and serious problems.

General Practice/Family Medicine

Chairman & Associate Professor: R.A. Fernandez; **Professors:** S. Bhalla, L. Fry, M.J. Goldstein, J.J. Namey, N.A. Natkow, M.T. Smith, M.A. Terry; **Associate Professors:** A. Feldman, D.R. Reider, Director of Residency Training Program; **Clinical Associate Professors:** J.J. Blitz, M.S. Fox, D.G. Hooper, J.G. Hull, M. Perez-Espinosa, R.L. Perraud; **Visiting Associate Professor:** R. Goldberg; **Assistant Professors:** J. Sutton, Director of Geriatrics, W.D. Kirsh, D.B. Levine, K. Reiter, D.E. Shaw, C.A. Woodson; **Clinical Assistant Professors:** J.A. Agostinelli, B. Alpert, S. Bennett, E.D. Brandt, R.A. Collins, W. Flessner, M. Ghen, J.A. Gonzalez, R.C. Greer, IV, A.K. Gruskin, M. Ham-Ying, R.S. Hand, R.E. Hathaway, F. Herrera, D. Kudelko, D. McBath, S. Mosler, B.M. Nelson, R.S. Oller, A.G. Pappas, M. Rosenblatt, J.J. Serra, W. Silverman, L.P. Stillman, S. Strikowsky; **Instructors:** T. Chaille, Y. Duffee, A. Hayden, M. Kramer, A. McLean; **Clinical Instructors:** C. Boehmer, D. Breazeale, E. Bringman, M. Davenport, L. Delo, M. Franklin, B. Garcia, J. Gonzales, D. Guadagna, I. Hassin, M. Kasabian, R. Kidd, N. Krouse, M. Kucker, D. Levinson, B. Miller, C. Mondello, K. Rhodes, D. Richard, C.P. Sarkar, J. Schaeffer, D. Simon, C. Spirazza, D.H. Teplitz, J. Zaccari



Family Medicine I PATIENT EVALUATION

54 Hours

The purpose of this course is to introduce the student to patient evaluation techniques. The student is exposed to standard history taking, physical examination and recognition of non-verbal and other clues.

COLLEGE OF OSTEOPATHIC MEDICINE

- Family Medicine II RURAL MEDICINE** **18 Hours**
The student is introduced to the concepts of a rural practice. The role of the rural practitioner is explored looking at both the advantages and disadvantages.
- Family Medicine III HOSPITAL PRACTICUM** **72 Hours**
Students will be taught hospital techniques in preparation for clinical rotations. Training time will be assigned in a variety of areas at SECOM's teaching hospitals. Patient evaluation will be stressed.
- Family Medicine IV GERIATRICS** **18 Hours**
This course will review the normal geriatric patient as well as covering pertinent pathological processes. Bio-psycho-social aspects will be stressed.
- Family Medicine V MINORITY MEDICINE** **9 Hours**
Problems inherent in the delivery of health care to minority groups are discussed. A significant portion of the course will deal with communications, cultural factors, compliance and the doctor-patient relationship.
- Family Medicine VI NUTRITION** **10 Hours**
The student will be taught a detailed course in normal and abnormal nutrition. Included are the assessment of nutritional status and a discussion of many of the prevailing diets.
- Family Medicine VII PATIENT PROCEDURES & MANAGEMENT** **36 Hours**
The student will be prepared for some of the procedures encountered in clinical rotation. The goal is to ensure familiarity with these procedures.
- Family Medicine VIII MEDICAL PROBLEM SOLVING** **36 Hours**
Here, the student is required to demonstrate high-order problem solving ability through case studies and medical simulation, using knowledge gained from didactic and clinical courses.
- Family Medicine IX PHYSICAL MEDICINE AND REHABILITATION** **18 Hours**
This survey course will present a basic overview of physical medicine along with the use of modalities, and the interaction of somatic and psychological factors. Physical medicine in the rehabilitation of the patient is emphasized.
- Family Medicine X SPORTS MEDICINE** **18 Hours**
This course will emphasize the role of the physician in sports medicine. The entire spectrum, including nutrition, prevention, conditioning, diagnosis and therapy, will be covered.
- Family Medicine XI CLINICAL PRACTICUM** **72 Hours**
Students are assigned a series of history and physical examinations at SECOM's teaching hospitals which upon completion are thoroughly critiqued. Familiarity with various procedures is gained through lectures and use of manikins.

Humanities

Chairman & Professor: S. Cohen; **Visiting Professor:** E. Flegelman; **Associate Professor:** J.Z. Spike; **Assistant Professors:** D.E. Shaw, C.A. Woodson

- Medical Humanities I HISTORY OF MEDICINE** **9 Hours**
This course traces the recorded history of all kinds of medicine from the ancient Egyptians and Babylonians, 6000 years ago, through to modern times. There is a complete discussion of Osteopathic Medicine from its inception with Dr. Andrew Taylor Still to its place in the delivery of health care today.

Medical Humanities II HUMANITIES IN MEDICINE

9 Hours

Material presented aids the student in understanding the patient-physician relationship. Dilemmas such as euthanasia, truth telling, abortion, sterilization, malpractice and death & dying are discussed. Role playing and case histories are presented and analyzed.

Medical Humanities III HUMAN SEXUALITY

18 Hours

Topics covered include the human sexual response cycle as well as the physiology and anatomy of sexual apparatus. Masturbation, alternate sexual life styles, sexuality through the life cycle, sexual violence, effects of drugs and alcohol on sex function, and the effect of illness and surgery on sexuality are studied. Guest lectures, videotapes and role playing are arranged.

Medical Humanities IV RELIGION, PHILOSOPHY AND ETHICS IN MEDICINE

18 Hours

This course will consist of a series of lectures and discussion groups on the interpretation of religious beliefs, philosophical views and ethical outlooks with the problems of everyday medical care. Decision-making issues include the allocation of resources, human experimentation, informed consent, living will, refusing treatment, mental competency, suicide, patient-physician conflicts and patient-institution conflicts. Emphasis is on the psycho-social medical model rather than the bio-medical one.

Internal Medicine

Chairman & Professor: A.A. Greber; **Professor:** M. Terry; **Clinical Professors:** S. Alterman; **Clinical Associate Professors:** W.J. Blechman, L. Chaykin, C. Glasser, G. Kotsch, D. Saltzman, C.D. Wingfield; **Clinical Assistant Professors:** L. Adler, D.D. Angelis, J. Ciocon, O. Farmati, S. Frankowitz, B. Grapin, M. Jaffee, M. Kesselman, J.M. Littlefield, R. Misischia, H. Pardell, A.C. Powell, J. Rosin, A. Schultz, R. Schwartzberg, A.J. Shapiro; **Visiting Assistant Professor:** D. Condolucci; **Clinical Instructors:** M. Boehm, H. Busch, L. Farmer, J. Fox, S.L. Kanner, J. Levien, D. Liporace, P. Ludwig, R.M. Mall, M. Smith, N. Warshopp, N. Randall, J.R. Quero

Division of Cardiovascular Medicine

Chairman & Professor: A.A. Greber; **Professor:** R.B. Kaufman; **Visiting Professors:** J.W. Lister, R. Berger; **Clinical Associate Professors:** J.G. Minkes, C.I. Schulman, D.M. Spiller; **Clinical Assistant Professors:** M. Kesselman, P.E. Kudelko, M.A. Ravitsky, N.B. Tytler, Jr.

Division of Hematology/Oncology

Chairman and Clinical Assistant Professor: B.M. Krein; **Clinical Assistant Professors:** A.E. Hano, B.S. Horowitz, J.B. Leslie, H. Saber; **Clinical Instructor:** J.I. Weisberg

Division of Medical Diseases of the Chest

Chairman & Associate Professor: C.F. Corrales; **Clinical Associate Professors:** E.B. Bolton, Jr., A.N. Ottaviani; **Clinical Assistant Professor:** D.J. O'Leary

Division of Nephrology

Chairman & Clinical Assistant Professor: C.M. Glasser.

COLLEGE OF OSTEOPATHIC MEDICINE

Internal Medicine I ENDOCRINOLOGY

18 Hours

The student will gain an understanding of the abnormalities of the endocrine system. Endocrine function studies will be presented in conjunction with the etiology, diagnosis and treatment of disease states.

Internal Medicine II PULMONARY MEDICINE

36 Hours

A complete discussion of pulmonary disease will be presented. Emphasis will be placed on ventilatory management, blood gases, bronchoscopy and occupational lung diseases.

Internal Medicine III GASTROENTEROLOGY

36 Hours

A detailed program on gastrointestinal diseases will be presented. This will include a review of x-ray and laboratory findings.

Internal Medicine IV RHEUMATOLOGY

9 Hours

The goal of this course is to instruct the student in the arthropathies. Physical diagnosis, x-ray and laboratory diagnosis, as well as therapeutic measures will be discussed.

Internal Medicine V ALLERGY

9 Hours

This course will incorporate a review of the immune system and its function in relation to allergic diseases. Non-immunologic factors will also be discussed.

Internal Medicine VI INFECTIOUS DISEASES

16 Hours

This program will include the basic principles for the diagnosis and treatment of the febrile patient. Mechanisms and actions of antibiotics will be included.

Internal Medicine VII NEPHROLOGY

18 Hours

This course will provide the student with a complete evaluation of renal function including metabolic acidosis and alkalosis and disorders of water metabolism. Hypertension, dialysis and other diseases of the kidney will be covered.

Internal Medicine VIII HEMATOLOGY/ONCOLOGY

18 Hours

The goal of this course is to prepare the student to identify and treat hematologic and neoplastic disorders through discussion of the anemias and other abnormalities. The student will be introduced to cancer as a common, chronic and treatable disease with emphasis placed on recognizing etiologic factors and symptom patterns, all appropriate diagnostic studies and treatment modalities.

Internal Medicine IX ELECTROCARDIOGRAPHY

12 Hours

This course stresses the understanding of the electrophysiological principles leading to the genesis of both normal and abnormal electrocardiograms. Clinical correlation with ECGs is stressed.

Internal Medicine X CARDIOVASCULAR MEDICINE

40 hours

The approach to the patient with cardiovascular disease will be reviewed. A discussion of cardiac physiology will be followed by instruction in all forms of cardiovascular disease. The cardiac patient simulator "Harvey" is utilized to present inclusive clinical disorders. Peripheral vascular diseases are included in this curriculum.

Medical Communications

Chairman & Professor: A. Gleimer; **Professor:** A. Melnick; **Assistant Professor:** J. Gottlieb

**Medical Communications I MEDICAL WRITING,
MEDICAL SPEAKING AND COMPUTERS IN MEDICINE**

18 Hours

Students will have an opportunity for practical, supervised experience in medical writing and speaking. Additional lecturers will focus on computer technology in medicine.

Medical Communications II MEDIA AND THE PHYSICIAN

9 Hours

Students will be exposed to how print and broadcast media gather and disseminate news with an emphasis on interview response. Course will feature lectures by media professionals and include spokesperson training.

Microbiology

Chairman & Professor: H.E. Laubach; **Adjunct Professor:** G. Kucker; **Associate Professor:** H. Hada; **Assistant Professor:** S.O. Obenauf

Microbiology I IMMUNOLOGY AND BACTERIOLOGY

97 Hours

Immunology involves the study of the biological role of lymphocytes, lymphocyte products and phagocytic cells in relation to infections and noninfectious diseases. Laboratories will cover basic techniques used to diagnose immunological abnormalities. Bacteriology is an introduction to the basic morphology, physiology, genetics, metabolism and pathogenesis of medically important bacteria. Special emphasis is placed on the diagnosis and treatment of bacterial diseases. Laboratory exercises address the concepts of bacterial morphology, taxonomy, identification, and antibiotic testing.

Microbiology II MYCOLOGY, PARASITOLOGY AND VIROLOGY

62 Hours

The mycology course includes the study of the taxonomy, physiology, pathogenesis, diagnosis and treatment of pathogenic fungi. Laboratories cover basic physiological and taxonomical aspects of the diagnosis of yeasts and molds. The study of eucaryotic parasites includes the taxonomy, pathogenesis, diagnosis and treatment of infections with protozoans, helminths and arthropods. Laboratories are designed to train students in basic clinical methodology. Concepts in the virology course emphasize the basic morphology, taxonomy, life cycles, genetics, pathogenesis, immunity, diagnosis and treatment of human viral diseases. Laboratories are involved with the study of virus infectivity and pathogenesis.

Neurology

Chairman & Professor: A.B. Surloff; **Associate Professor:** I. Osorio; **Clinical Associate Professor:** B.J. Cutler; **Clinical Instructor:** L. Butera, V. Salanga

NEUROLOGY

36 Hours

A discussion of neurological illness will be supplemented with patient case presentations. Students will be introduced to neurological illnesses as well as interesting neurological phenomena.

Obstetrics and Gynecology

Chairman & Professor: D.R. Barkus; **Clinical Professor:** B.L. Stalnaker; **Clinical Associate Professors:** J.T. Fischer, R.A. Kronstadt; **Clinical Assistant Professors:** W. Burrows, R. Kreinest, J.M. Lynn, M. Newman; **Clinical Instructors:** S. Duncan, S. Fox

Obstetrics and Gynecology I GYNECOLOGY

36 Hours

This course begins with a review of the functional anatomy, embryology and physiology of the human reproductive organs. The student is taught to evaluate the female patient, after which non-surgical and surgical diseases are reviewed from the standpoint of diagnosis and management. The student is then taught sexuality, conception control and pre- and post-operative surgical management to complete the course.

Obstetrics and Gynecology II OBSTETRICS

36 Hours

The course consists of systematic study of pregnancy, labor and puerperium. Beginning with a review of anatomy, embryology and the physiology of human reproduction, the student is taught the management of the normal pregnancy, labor and delivery. This is followed by studies in the recognition and management of the abnormal pregnancy.

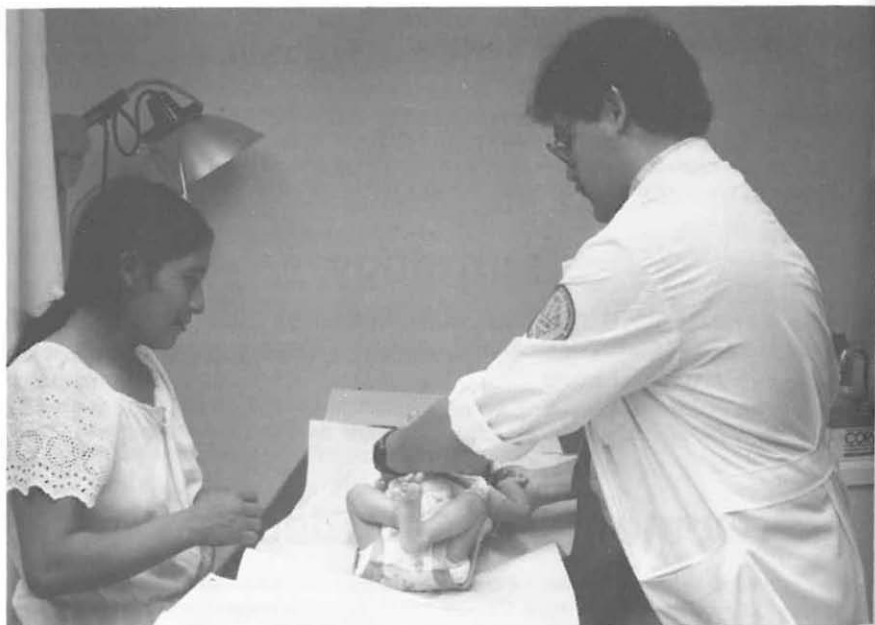
Ophthalmology

Chairman & Associate Professor: W. Bizer; **Professor Emeritus:** E.D. Hersh; **Clinical Assistant Professors:** R.L. Bentz, R.J. Guliner, E.R. Leonard, A.L. Rubin

OPHTHALMOLOGY

18 Hours

The didactic material covers the ocular manifestations of systemic medical and neurological disease. The general nature of the major ocular conditions including glaucoma, strabismus, presbyopia and cataract is stressed. The course includes lectures, tapes and practical laboratory periods.



Osteopathic Principles and Practice

Chairman & Professor: A. Snyder; **Professor:** J.W. Upledger; **Visiting Professor:** S. Blood; **Associate Professor:** E. Rentz; **Assistant Professors:** M. Greenhouse, B.B. Swartz; **Instructors:** B. Miller, C. Mondello

OP&P I GENERAL PRINCIPLES OF DIAGNOSIS

72 Hours

This course serves as an introduction of Osteopathic Medicine and covers general principles and techniques of diagnosis of the axial skeleton and para-spinal regions. The student is exposed to basic terminology and examination skills through lectures, demonstration and performance.

OP&P II REGIONAL PRINCIPLES AND TECHNIQUES

72 Hours

This course is devoted to studies of principles and techniques on a regional basis including the pelvis, sacrum, lumbar spine and lower extremity. Attention is paid to neurovascular outflow into the lower extremity and to the neurophysiological aspects of muscle dysfunction and pain mechanisms. Multiple modalities include counterstrain, myofascial release, high velocity low amplitude, indirect technique and muscle energy techniques.

OP&P III REGIONAL PRINCIPLES AND TECHNIQUES (CONT.)

72 Hours

This course is devoted to studies of principles and techniques of a regional basis including thoracic spine, rib cage, cervical spine and upper extremity. Attention is paid to the autonomic nervous system as mediator of structure and function. This course also enhances the development of the palpatory diagnosis and treatment in the paraspinal as well as the spinal areas of dysfunction.

OP&P IV SPECIAL TECHNIQUES

68 Hours

This course deals with newer forms of musculoskeletal treatment which includes topics such as myofascial pain and common muscular pain syndromes. Osteopathic approach to systemic diseases is covered as well as a 20-hour course in cranial sacral OMT.

Otorhinolaryngology

Chairman & Associate Professor: D.J. Duncan; **Professor Emeritus:** R.C. Salach; **Clinical Assistant Professors:** J.H. Caschette, R.B. Contrucci, J.S. Gottlieb, R. Maliner, H. Sussman

OTORHINOLARYNGOLOGY

18 Hours

A complete study of disease, treatment and surgery of the ear, nose, throat and neck and their particular application to general practice, including lectures, audio-visual presentation, clinical demonstration and application.

Pathology

Acting Chairman & Clinical Associate Professor: G. Weisbaum; **Professor Emeritus:** D.C. Bergmann; **Associate Professor:** M.A. Khin; **Clinical Associate Professors:** L. Lang, III, M.R. Osattin; **Assistant Professor:** K. Khin; **Clinical Assistant Professors:** R. Ziegler, J. Mones; **Instructor:** D.A. Russo; **Clinical Instructor:** C. Carson

Pathology I GENERAL PATHOLOGY

154 hours

The pathology course will correlate the pathological processes of disease with the pathophysiology involved in the organs and tissues of the body.

Pathology II CLINICAL PATHOLOGY

36 Hours

Clinical pathology presents the laboratory procedures involving studies of body fluids (urine, blood, spinal fluid, etc.) and their interpretation in the disease process.

Pediatrics

Chairman & Assistant Professor: C. Blavo; **Professor:** A. Melnick; **Clinical Associate Professors:** D. Marcus, M. Marcus, E.J. Marsh; **Assistant Professor:** B.W. Johnson; **Clinical Assistant Professors:** I. Fialko, S.M. Haynes, A.M. Johnson, D.L. Ragonesi, C.J. Schubert

Pediatrics I

36 Hours

The first semester in pediatrics will introduce growth and development, nutrition, psychological pediatrics and the newborn and premature infant. The normal infant and child will be emphasized followed by a systematic study of disease processes in the pediatric age group.

Pediatrics II

36 Hours

Presentation of childhood illnesses by system will be continued in this semester. Special problems in the field of pediatrics and a study of adolescent medicine will complete the course.

Pharmacology

Acting Chairman & Assistant Professor: J. Barakeh; **Adjunct Assistant Professor:** L.Crespo

PHARMACOLOGY

126 Hours

This course begins with a thorough grounding in the principles of drug action. The classes of drugs used in clinical practice will be examined in detail, with particular emphasis on structure and activity, mode of action, side effects, toxicity and drug interactions. The pharmacological intervention of pathophysiological processes will be stressed as well as the clinical application of each drug class.

Physiology

Chairman and Professor: H.J. Lyons; **Associate Professor:** B. Sturbaum; **Assistant Professor:** C. Woody

Medical Physiology I GENERAL PHYSIOLOGY

76 Hours

A comprehensive study of human physiology presented from an organ systems approach. This course will include the study of general (cell, membrane, muscle) and cardiovascular physiology. Limited laboratory experience will reinforce lecture presentations and acquaint students with scientific methods and reasoning.

Medical Physiology II SYSTEMS PHYSIOLOGY

122 Hours

A continuation of Medical Physiology I. This course emphasizes renal, gastrointestinal, respiratory, endocrine, reproductive and neurophysiology.

Psychiatry

Chairman & Professor: D.M. Masters; **Clinical Associate Professors:** C.C. Barton, H.B. Jones, J.B. Joye; **Assistant Professors:** J. Deming, C.B. Mutter; **Clinical Assistant Professor:** P.S. Boyne, L.G. Brewer, G. Fishman, U.W. Geertz, H.M. Israel, J.J. Lapeyra, C.W. Liberson, A.T. Stilman; **Instructor:** M. Gilula; **Clinical Instructor:** W.H. McGill

Psychiatry I INTRODUCTION TO PSYCHIATRY

9 Hours

The purpose of this course is to provide the student with a solid basis for the understanding of human behavior and the application of this understanding in his future role as a physician. The course material will be presented in the context of being integrated into a humanistic, holistic, bio-psychological approach to the patient.

Psychiatry II GENERAL PSYCHIATRY

36 Hours

This course will present to the student the essentials of clinical psychopathology including the symptoms, diagnosis and treatment of mental, emotional and behavioral problems in children, adolescents and adults.

Psychiatry III SPECIAL PROBLEMS AND SUBSTANCE ABUSE

18 Hours

This course will offer the student the opportunity to study and learn to manage certain special psychologically related problems such as alcohol and drug abuse, psychological problems of the geriatric patient, psychiatric emergencies, pain, sleep disorders, psychosexual disorders, stress and grief reactions, and death and dying.

Radiology

Chairman & Professor: D.M. Finkelstein; **Professors:** P.M. Dworkin, J.G. Stella; **Clinical Professors:** F. Manlio, S.R. Rente, Jr.; **Clinical Associate Professors:** J.I. Jackerson, B.E. Pyko; **Instructor:** I.G. Murray; **Clinical Instructors:** R. Burke, R. Farber; **Adjunct Clinical Instructor:** M. Finkelstein

Radiology CLINICAL RADIOLOGY

18 Hours

The course is designed to integrate the material learned in Pathology and correlate this with pathologic radiographic anatomy. The student will gain familiarity with various imaging studies. Also included are materials on radiobiology and radiotherapy.

Surgery

Chairman & Assistant Professor: E. Weiner; **Professor Emeritus:** S. Kaye; **Clinical Professor:** M.A. Longo; **Clinical Associate Professors:** R. Laskody, A. La Torra; **Clinical Assistant Professor:** A.N. Fields; **Instructor:** A.A. Netzman; **Clinical Instructor:** B. Silverman

Division of Orthopedic Surgery

Chairman & Professor: B.B. Swartz; **Professors:** M.J. Morris, M. Rech; **Associate Professor:** D.L. Gula; **Clinical Instructor:** P. Christ

Division of Plastic Surgery

Chairman & Clinical Associate Professor: C.B. Radlauer

Division of Proctology

Chairman & Associate Professor: H. Kirsh; **Clinical Associate Professors:** R.H. Gillon, H. Weinstock; **Clinical Assistant Professor:** J.A. Greenspan

Division of Urology

Chairman and Professor: W.A. Steinsnyder; **Professor:** H.R. Steinsnyder; **Clinical Associate Professors:** R.A. Hoffberger, R. Rappel; **Clinical Assistant Professor:** R.B. Antosek

Surgery I BASICS IN SURGERY

10 Hours

This course will cover the basic concepts common to all surgery. Subjects will include homeostasis, shock, fluid and electrolyte balance and other necessary principles.

Surgery II GENERAL SURGERY

26 Hours

Surgery and its subspecialties will be presented with emphasis upon the structural derangement underlying the disease process and on the surgical reestablishment of the functional integrity of the organ system. Surgical advances including transplantation and implant of prosthetic devices will be presented, knowing that the family practitioner must be prepared to advise the patient and family in choice of therapy.

Surgery IV UROLOGY

18 Hours

Urology will be presented in a structure/function relationship approach. Relevance of basic science to clinical treatment is stressed.

Surgery V ORTHOPEDICS

18 Hours

Orthopedic surgery will be presented to prepare the student for the diagnosis and treatment of basic orthopedic problems. Fracture care will be covered with emphasis on the role of family practitioners.

Surgery VI PROCTOLOGY

9 Hours

A comprehensive lecture course in proctology will be presented covering all aspects of diagnosis and treatment of the various pathologies affecting the lower intestinal tract. Application of the osteopathic concept will be stressed.

Special Academic Programs

Area Health Education Center, AHEC

The Southeastern University of the Health Sciences was designated as an Area Health Education Center (AHEC) by the Federal government and was awarded a grant under that program in 1985.

This was particularly significant because Southeastern University earned the distinction of being the first medical school in Florida to be selected for an AHEC Program.

Goals of the program are to improve the distribution of medical manpower and related health services, and to provide the people of underserved communities with access to better care.

The AHEC program accomplishes this mission by developing active networks and partnerships among academic institutions which train health professionals and community groups in the remote and underserved areas. Several other health professions training institutions participate in all aspects of the University's regionwide AHEC program, in addition to our medical, pharmacy and optometry schools. They include Florida International University (nursing, social work, allied health), Florida Atlantic University (nursing, social work), Palm Beach Junior College (nursing, dental hygiene), and Broward Community College (continuing education/health professions).

Our first AHEC center, the Everglades AHEC, reaches underserved areas within a 10-county region covering about 10,000 square miles and stretching from inner-city areas in northern Dade County to isolated rural communities around Lake Okeechobee. Based on the success of the Everglades AHEC program in South Florida, the University was awarded additional funding to develop a Central Florida AHEC program in Fall, 1988.

The AHEC programs to date have been broad and comprehensive in scope. Recruitment programs have included AHEC's innovative student-based Practice Opportunities Program (POP), begun three years ago, and a summer health careers camp for high school students from underserved areas. Training programs have included a large number of multidisciplinary opportunities for both undergraduate and graduate students in a wide variety of primary care settings throughout the region. Retention programs have focused on providing practitioners in underserved areas with enhanced opportunities to stay up to date in their field in remote settings, through broad based and region-wide library networks and a variety of AHEC continuing education programming for physicians and other health care professionals.

The University's AHEC program also has a close working relationship with the University of Miami's Dade County AHEC program, and is currently working very closely with Florida's other medical schools in a state-wide AHEC program.

Rural Medicine Program

The College of Osteopathic Medicine has had since its inception the mission of training its students in Rural Medicine and improving medical care to rural communities.

A required rotation in rural medicine gives all SECOM students a basic insight into the special health care needs of the people living in underserved communities.

Several affiliated community health care centers distributed throughout southeast and central Florida participate in the program. Students in their third and fourth year of training, as well as General Practice residents, participate for a period of one to three months. This includes not only working at the clinics with hands-on patient involvement, but also living in the rural communities. This experience introduces students to aspects of rural practice and also gives them a feel for living in these areas. During their rotations, students work under the direct supervision of licensed physicians, including a faculty member who coordinates training.

The majority of these centers treat migrant farm workers and indigent patients from the rural communities.

Examples of these clinics include Collier Health Services in Immokalee; Florida Community Health Centers located at Clewiston, Okeechobee, Indiantown, and Fort Pierce; the Palm Beach County Health Department health care unit at Belle Glade; and the West Orange Farmworker Health Association clinic at Apopka.

The rural medicine training program provides a unique, enriching educational experience that cannot be taught in the classroom or by textbook. SECOM's administrative officers believe that exposure to rural practice will better prepare and motivate young physicians to practice in rural, underserved areas.

Combined Degree Program

Florida International University and the Southeastern College of Osteopathic Medicine established a teaching affiliation and combined degree program in late 1984. The FIU-SECOM affiliation allows candidates to complete training for B.S. and D.O. degrees in a 7-year period, saving students one year of time and tuition. Under the program, highly qualified and carefully selected pre-medical students at FIU will be guaranteed acceptance at SECOM after completing three years of prescribed training. Candidates must maintain a 3.25 grade point average and achieve acceptable scores on the Medical College Admission Test during the third year at FIU.

Upon completion of the first year of medical education at SECOM, students in the program will be awarded a B.S. degree from FIU. After four years of training at SECOM, students will receive the D.O. (Doctor of Osteopathy) degree. Only Florida residents can participate in the combined degree program.

Southeastern University has also established a joint degree program with Nova University. The Nova-SEUHS affiliation allows candidates to receive their doctoral degrees in either osteopathic medicine, pharmacy, or optometry in a 7-year period.

Affiliated Hospitals

Broward General Hospital
Fort Lauderdale
Director Medical Staff Office:
Nancy Rodriguez
Chief Executive Officer: Richard Stull

Centurian Hospital of Carrollwood
Tampa
DME: Jeanne Nivens, B.S.
Administrator: Mary Reese

Charter Hospital of Miami
Miami
DME: Gary Fishman, D.O.
Administrator: Ken Fowler

Florida Hospital East Orlando
Orlando
DME: Harold Morris, D.O.
President: Richard Reiner

Hollywood Pavillion
Hollywood
DME: Cathryn Liberson, Ph.D.
Administrator: Karen Kallen

Humana Hospital of Palm Beaches
West Palm Beach
DME: Vacancy
Executive Director: Neils P. Vernegaard

Jackson Memorial Hospital
Miami
Acting Dir. Student Activities:
Kathleen Schank, M.D.
President, Public Health Trust: Ira C. Clark

Metropolitan General Hospital
Pinellas Park
DME: B.B. Slaughter, D.O.
Executive Director: Robert Davis

Miami Children's Hospital
Miami
DME: Charles Wharton, M.D.
Chief of Staff: Ramon Rodriguez-Torres, M.D.

Mount Sinai Medical Center
Miami Beach
DME: Frederico Justiniani, M.D.
President/Chief Executive Officer: Fred Hirt

Palmetto General Hospital
Hialeah
DME: Marc Morganstine, D.O.
Executive Director: Edward Tudanger

Parkway Regional Medical Center
North Miami Beach
Director of Emergency Services:
Jose Portuondo, M.D.
Chief Executive Officer:
Walter Gassner, M.D.

Pembroke Pines General Hospital
Pembroke Pines
DME: John Agostinelli, D.O.
Executive Director: Ed Maas

Sacred Heart Hospital
Pensacola
Dir. Residency Program in OB/GYN:
B.L. Stalnaker, M.D.
Executive Vice President: James R. Hardman

Sun Coast Hospital
Largo
DME: James C. Eutzler, D.O.
Chief Executive Officer: Brent Marsteller

Universal Medical Center
Plantation
DME: Robert Sculthorpe, D.O.
Administrator for Operations:
Michael Marquez

University General Hospital
Seminole
DME: Plato E. Varidin, D.O.
Administrator: Frank Harris

Wellington Regional Medical Center
West Palm Beach
DME: Harold Kirsch, D.O.
Chief Executive Officer:
Arnold R. Schaffer

Westchester General Hospital
Miami
DME: Harris H. Mones, D.O.
Administrator: Sylvia Urlich

Student Organizations

Student Council

Student Council is the official voice for all students. The organization is open to all students and welcomes proposals and participation from the entire student body.

The responsibilities of Student Council include: collecting and expressing student opinion, dispensing funds for student activities, acting as a liaison for the student body, promoting osteopathic medicine, supporting club and class activities, and working to improve the quality of life for all students at SECOM.

The Student Council President is SECOM's representative on the Council of Student Council Presidents (CSCP). CSCP is an organization composed of student government presidents from each of the osteopathic medical schools.

National Osteopathic Women Physicians Association (NOWPA)

NOWPA is a professional organization composed of female students of SECOM. The purpose and objective of the organization is to further the study of Osteopathic Medicine as a philosophy, a science and an art,

International Osteopathic Student Organization

The functions of this club are to assist the student in adapting to a new environment, to educate the student body on cultural differences and language barriers and to promote Osteopathic Medicine to the various cultures in our community and to those of the world at large.

Phi Sigma Gamma

Phi Sigma Gamma is a national professional fraternity for men. The Fraternity was originally founded in 1910 in Chicago and presently has chapters in most osteopathic medical colleges. The IOTA Chapter was chartered in March of 1986.

Sports Medicine Club

The object of this organization is to promote and advance the discipline of Sports Medicine and to instruct students who are interested in Sports Medicine and structural relationships to health and disease.

Student Association Auxiliary

The SAA was specifically organized for the spouses of the students at SECOM and is chartered by the Auxiliary to the American Osteopathic Association (AAOA). The primary objective of the SAA is to further the goals of the College and the osteopathic profession and to promote fellowship, good-will and unity within the school.

Student Osteopathic Medical Association

The Student Osteopathic Medical Association (SOMA) is one of the largest student groups on campus, representing over 90% of SECOM's student body.

Membership in SOMA brings many benefits including free subscriptions to *Student Doctor and Medical Student*, discount prices on diagnostic equipment, the Preceptorship Program, SOMA Scholarships, life insurance programs and more.

The Undergraduate American Academy of Osteopathy

The Undergraduate American Academy of Osteopathy (UAAO) is a professional organization dedicated to serving osteopathic medical students. It is SECOM's extension of the American Academy of Osteopathy, a national association established in 1937. The Academy maintains the goal of developing the science and art of total health care, with an emphasis on palpatory diagnosis and the use of osteopathic manipulative treatment.

The UAAO involves students in many activities and offers numerous benefits. Members receive a 30% discount on certain textbooks, and may buy treatment tables at reduced rates. They also sponsor well-known speakers from all over the country. Membership in UAAO also allows students to receive the AAO publications and to attend the Annual Convocation, both at reduced prices.

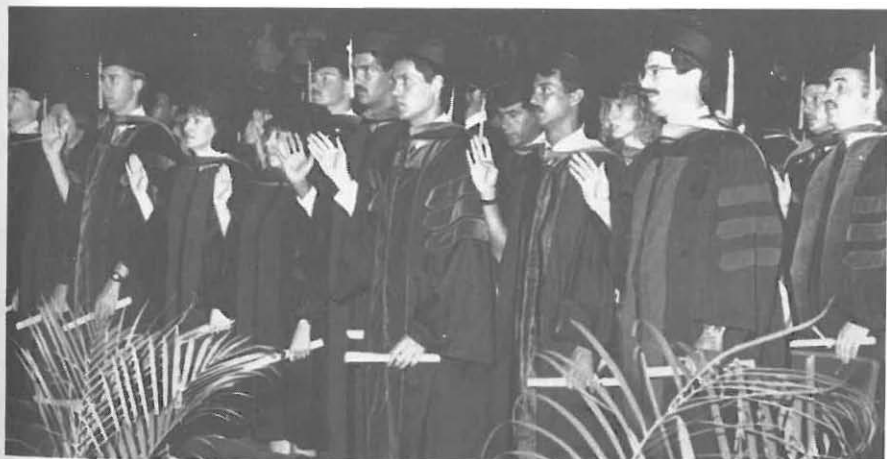
Undergraduate Chapter of American College of General Practitioners in Osteopathic Medicine and Surgery

The Undergraduate Chapter of the ACGP has been organized for all students in the College.

The organization works toward the preservation of the concept of General Practice and the continued existence of the role of the General Practitioner in the total picture of osteopathic medical services in the community. The chapter recognizes the fact that the General Practitioner is the backbone of modern medical practice.

Undergraduate Chapter, American College of Osteopathic Pediatricians

This organization is open to all students interested in osteopathic pediatrics. Seminars and educational programs are presented.



COLLEGE OF OSTEOPATHIC MEDICINE

Class of 1991

Ronald Angles, Cape Coral
B.A. - Olivet Nazarene College

Tarek T. Arja, Tampa
B.A. - University of South Florida
B.S. - University of South Florida

Kendall Babcock, Coral Springs
B.S. - University of Southern Florida

Richard Bennett, Miami Beach
B.A. - Vanderbilt University

Carl Best, Gainesville
B.S. - Eckerd College

John Bickle, Lauderhill
B.S. - University of Dayton

Barry Blumenthal, North Miami
B.S. - Touro College

Stephen Brady, Fort Myers Beach
B.A. - University of New Orleans

Juanita Brown, Winter Park
A.S. - Vermont College
B.S. - Florida Southern

Gustavo Cadivid, Surfside
B.A. - University Del Valle
B.A. - Florida International University
B.S. - University of Miami

Steven Cohen, Miami
B.S. - University of Florida

Stephen Cosentino, Treasure Island
B.A. - University of South Florida
B.S. - University of South Florida

Linda Couillard-Young, Treasure Island
B.A. - University of South Florida
B.S. - University of South Florida

Burke DeLange, Pocatello, ID
B.S. - Idaho State University

Vincent DiLella, Fort Lauderdale
B.S. - University of South Florida

Scott Dinesen, Levittown, PA
B.S. - University of Southern Colorado
M.S. - Rutgers University

Michael John Dobransky, Bloomfield, NJ
B.S. - Seton Hall University

David Dorton, New Port Richey
B.S. - University of South Florida

Stephen Dyke, Pembroke Pines
A.A. - Brevard Community College
B.S. - Florida Institute of Technology

David Elliott, Long Beach, MS
B.A. - University of Mississippi

Paul Elliott, Long Beach, MS
B.A. - University of Mississippi

Kimberly Ellis, Key West
B.S. - Florida International University
R.N. - Norfolk School of Nursing

Jeffrey Ender, Coral Springs
B.S. - Florida State University

Scott Epstein, Philadelphia, PA
B.S. - University of Maryland

Allen Fisher, Hollywood
B.S. - S.U.N.Y. at Binghamton

Mark Friedman, Willingboro, NJ
B.A. - American University

Eden Fromberg, Great Neck, NY
B.A. - Oberlin College

Janet Dolores Garcia, Oakland Park
B.S. - Oakland State University

William Gerson, North Miami
B.S. - University of Florida

Timothy Grant, Towson, MD
B.S. - Oral Roberts University

Ramon Guevara, Miami
B.S. - University of Miami

Richard David Guinand, Homestead
B.S. - Florida International University

Jamal Haddad, Tampa
B.S. - University of South Florida

Margaret Hayden, North Miami Beach
B.A. - Indiana State University
M.A. - Indiana State University

Marc Herschelmann, Bloomfield Hills, MI
B.S. - University of Michigan

James Hoynes, Margate
B.S. - University of Florida

Earnest Cole Hudson, Tampa
A.A. - St. Petersburg Junior College
B.A. - University of South Florida

Deborah Humphrey, Tampa
A.A. - University of South Florida
B.A. - University of South Florida
B.S. - University of South Florida

Donna Jacobsen, Miami
B.A. - Barry University

Kenneth Johnson, Parker
B.S. - Florida State University

Andrew Kahn, Fort Lauderdale
B.S. - University of South Florida

Scott Kazdan, Rosedale, NY
B.S. - Tulane University

Robert Klein, Fort Lauderdale
B.S. - S.U.N.Y. at Stony Brook

Scott Klein, West Palm Beach
B.S. - University of South Florida

James Donald Kriseman, Lauderdale Lakes
A.S. - Broward Community College
B.S. - University of Miami

Carolyn Kubiak, Miami
B.S. - University of Miami

Thomas Kunelis, Fullerton, CA
B.A. - University of Southern California

David Lang, Longwood
B.S. - University of Florida

Bruce Latham, Blacksburg, VA
B.S. - Brigham Young University
M.P.A. - Brigham Young University

Gail Anne Latlief, Laurel, MD
B.S. - University of Maryland

Mary Anne McNamara, Pompano Beach
B.A. - Canisius College
M. Ed. - S.U.N.Y. at Buffalo

Joseph Mavica, Pompano Beach
B.A. - Rutgers University
M.S. - Nova University

Dareld Ray Morris, II, Fort Myers
B.S. - Southwest Texas State Univ.

Ralph Mazingo, San Diego, CA
B.A. - U.C.L.A.

Shoib Myint, Tampa
B.S. - Stetson University

Alice Nadel, Boca Raton
B.A. - Florida Atlantic University

Kerry Nagel, Plantation
A.A. - Miami-Dade Community College
B.A. - Florida International University

Richard Nelson, West Palm Beach
A.A. - Palm Beach Junior College
B.S. - Florida Atlantic University

Jeffrey Newfield, Ormond Beach
A.A. - Daytona Beach Community College
B.A. - Florida Atlantic University
B.S. - Florida Atlantic University

Warren Nishimoto, Aiea, HI
B.A. - University of Hawaii

Lidia Oliveira, Tampa
A.A. - Miami-Dade Community College
B.S. - University of South Florida

Norvin Ona, Tampa
A.A. - Hillsborough Community College
A.S. - Hillsborough Community College
B.S. - University of South Florida

Todd Parrilla, Watch Hill, RI
B.A. - University of Vermont

Suresh Paulus, Miami
B.S. - University of Illinois/Chicago

Robert Pepper, Plantation
B.S. - University of South Florida

Jeffrey Riggs, Nashville, TN
B.S. - Free Will Baptist College

James Roa, Tampa
B.S. - University of South Florida

Michael Robinson, Luka, MS
A.A. - Northeast Mississippi Junior College
B.A. - University of Mississippi

Hector Rodriguez, St. Petersburg
B.S. - University of South Florida

Arlene Schlumbohm, Orange Park
B.S. - Grove City College

John Shih, Sarasota
B.A. - College of William & Mary

David Silver, Miami Beach
B.A. - Brandeis University

Douglas Smith, Gainesville
B.S. - University of Florida

Kenneth Smith, Panama City
A.A. - Gulf Coast Community College
B.S. - Florida State University

Emily Solow, North Miami
B.S. - S.U.N.Y. at Stony Brook

Joseph Stasio, Stuart
A.A. - S.U.N.Y. at Farmingdale
B.A. - S.U.N.Y. at Farmingdale
B.S. - Emory University

Beverly Stern, Plantation
A.A. - University of Florida
B.S.N. - Florida State University

Robert Stuckert, Zephyrhills
B.S. - University of South Florida

Ronald Swanson, St. James City
B.S. - University of Chicago

Robert Thompson, Sarasota
B.A. - New College-University of South
Florida

Peter Tomasello, Fort Lauderdale
B.A. - University of South Florida

Elvis Torres, Hialeah
B.S. - University of Miami

Tomas Villanueva, Miami
B.A. - Biscayne College

Paul Weinman, Ft. Myers
B.A. - The College of Wooster
M.S. - Nova University

Elizabeth Weintraub, Miami
A.A. - Miami-Dade Community College
B.S. - Florida State University
J.D. - Nova University

James Whipple, Charlotte, NC
B.S. - University of North Carolina

Dale Wickstrom-Hill, Winter Haven
A.A. - Polk Community College
A.S. - Polk Community College
A.S. - Valencia Community College
B.S. - University of South Florida

Richard Wolonick, Deland
B.S. - Florida State University

Loretta Wubbel, Gainesville
A.A. - Santa Fe Community College
B.S. - Florida State University

Susan Yahia, North Miami Beach
B.A. - Biscayne College

Martin Yungman, Brooksville
B.S. - University of Florida

Stanley Zimmelman, North Miami Beach
B.A. - Temple University
M.S. - University of Louisville

Class of 1992

Bret Thomas Ackermann, Baton Rouge, La.
B.S. - Louisiana State University

Dean Barry Adelman, Miramar
A.A. - Broward Community College
B.A. - University of Miami

David Lee Adler, Baltimore, MD
B.S. - University of Maryland
M.S. - Towson State University

Eric Lewis Alboucrek, Ft. Lauderdale
A.S. - Sullivan City Community College
B.A. - Florida Atlantic University

Amparo Beatrice Benitez, Miami
B.S. - University of Tampa

Camille Z. Bentley, Fredericksburg, VA
B.S. - Wagner College
M.S. - George Mason University

- Daniel Ron Berger**, Miami Beach
A.A. - Broward Community College
B.A. - Florida State University
- Bernard Manuel Bettencourt**, Orlando
B.S. - University of Central Florida
- Franklin Paul Bizousky**, Miami Beach
B.A. - University of Virginia
- Vincent James Bonell**, Ft. Lauderdale
B.S. - University of Florida
- Frank Anthony Bonifacio**, North Miami Beach
B.A. - Long Island University/C.W. Post
- David Glenn Booth**, Tupelo, MS
B.S. - University of Mississippi
- Janet Eileen Bradshaw**, Lawrence, KS
A.S. - Northern Virginia Community College
B.A. - University of Kansas
- Kenneth Elliot Bresky**, Light House Point
A.A. - University of Florida
B.A. - University of Florida
- Rogelio A. Brito**, Coral Gables
B.A. - University of Miami
- Arthur G. Calise**, Miami Lakes
B.A. - Biscayne College
- Nicholas Capone, Jr.** Lutz
B.A. - Vanderbilt University
- Gladys Cardenas**, North Bergen, NJ
B.A. - Fordham University
- Kenneth Chan**, Carson, CA
B.A. - California State University
- Glenn M. Charles**, Boynton Beach
B.S. - Michigan State University
- Patrice Marye Churchill**, Vanderburgh, IN
B.A. - Harvard University
M.S. - Indiana State University
- Maripet Lynch Clements**, Charlottesville, VA
B.A. - University of Virginia
- Juan Guillermo Coquelet**, New Port Richey
B.S. - University of South Florida
- Troy Louis Creamean**, Livingston, IL
B.S. - University of the State of New York
- Gaston Dana**, Denver, CO
B.A. - University of Colorado/Denver
- Jan Raymond Dauphin**, Ft. Myers
B.S. - University of Maryland
- Alan Steven David**, Hallandale
B.A. - St. John's University
- Jacque Holley Dawson**, Temple Terrace
B.S. - University of South Florida
B.A. - University of South Florida
- Pasquale Dell'Api**, Ft. Lauderdale
B.A. - Florida Atlantic University
B.S. - Florida Atlantic University
- Tony Diaz**, North Miami Beach
B.S. - University of Miami
- Adriano Digiamberardino**, Hollywood
A.A. - Broward Community College
B.S. - Florida Atlantic University
- Mary Michele Dossett**, Homosassa
B.S. - Rider College
- Ann Mary Fernandez**, Miami
A.A. - Miami-Dade Community College
B.S. - University of Miami
- Mark Calverley Gibbons**, Hampton, VA
B.A. - University of Virginia
- David V. Glorious**, Ocala
A.A. - Central Florida Community College
A.S. - Central Florida Community College
B.S. - Florida State University
- John Hamish Gordon**, Ft. Myers
A.A. - Edison Community College
B.A. - University of South Florida
B.S. - University of South Florida
- Robert Alan Green**, Hallandale
B.A. - University of Miami
- Armando Luis Hassum**, Hialeah
B.S. - University of Miami
- Leo Michael Hayes**, Miami
A.A. - Broward Community College
B.S. - University of South Florida
- Ana M. Hernandez**, Miami
B.S. - University of Miami

- Richard Allen Hill**, Gainesville
A.A. - Indian River Community College
B.S. - University of Florida
- William Robert Hodorski**, Wilton Manors
A.S. - Broward Community College
B.A. - Florida Atlantic University
- Kimberly Jean Humulock**, Camp Springs, MD
B.S. - University of Maryland
- Karen Theresa Kennedy**, Seminole
B.S. - Eckerd College
- Donald Scott Krieff**, North Miami Beach
B.S. - Florida International University
- Hyejin Robin Lee**, Flushing, NY
B.S. - S.U.N.Y. at Binghamton
- Tracie Jean Leonhardt**, Clearwater Beach
B.A. - Columbia College
- J.D. Littleton**, Brookhaven, MS
B.S. - Jackson State University
- Albert Arthur Lopez, Jr.**, Key Biscayne
B.S. - George Washington University
- Richard Owens Loyd**, Jackson, MS
B.S. - State University of Mississippi
M.S. - University of Mississippi Medical Center
- Nicholas Thomas Mansuetta**, Miami
B.S. - University of Miami
- Vincent J. Marino**, Boca Raton
B.S. - University of Kentucky
- Brian William Marshall**, Independence, OH
B.A. - College of Wooster
- Marion Joyce Mayer**, Largo
B.S. - University of South Florida
- Gary Joseph Merlino**, North Miami Beach
A.A. - Miami-Dade Community College
B.A. - University of South Florida
- Jeffrey Scott Mimbs**, Gainesville, GA
B.S. - University of Georgia
- Brian Carl Moraes**, Boca Raton
B.A. - University of South Florida
- Joy Louise Moritz**, Clearwater
A.S. - St. Petersburg Junior College
B.S. - University of South Florida
- Laila Mozdab**, Plantation
B.S. - University of South Florida
M.S. - University of South Florida
- Kevin Brett Newfield**, Ormond Beach
A.A. - University of Florida
B.A. - Florida Atlantic University
B.S. - Florida Atlantic University
- William Joseph O'Brien**, Philadelphia, PA
B.A. - La Salle College
- Richard G. Olarsch**, Neponsit, NY
B.A. - S.U.N.Y.
- Nelson Onaro**, Houston TX
B.S. - Southern University
M.S. - Texas Southern University
- Laura Beth Ottaviani**, Belleair
B.A. - Rollins College
- Sheryl Beth Pearlman**, Rochester, NY
B.A. - University of Pennsylvania
M.S. - Georgetown University
- Randolph Bruce Peddicord**, Tampa
B.S. - University of South Florida
- Matthew David Pegher**, Pittsburgh, PA
B.S. - University of Pittsburgh
- Brian Steven Portnoy**, Gainesville
B.S. - University of Florida
- Ravinder Singh Randhawa**, Miami
B.S. - University of South Florida
- Robert Dean Rasmussen**, South Euclid, OH
B.A. - University of Miami/Oxford
- David Nelson Ratcliffe**, Richmond, VA
B.S. - Virginia Commonwealth University
M.S. - University of North Carolina
- Charles Robert Readdy**, West Palm Beach
A.A. - Palm Beach Junior College
B.S. - Florida Atlantic University
- Jeffrey Alan Rich**, Gainesville
B.S. - University of Florida
- Mark Rosing**, Atlanta, GA
B.S. - University of South Florida
- Jacqueline Frannie Royce**, North Miami Beach
B.S. - Florida International University

Glenn Scott Saperstein, W. Bloomfield, MI
B.A. - University of Michigan

Patrick Sayavong, Ft. Smith, AR
B.S. - University of Arkansas

Robert Ford Searles, Indian Harbour Beach
B.S. - Washington and Lee University

Hadi Assad Shalhoub, West Palm Beach
B.S. - Florida Atlantic University

Steven Silberfarb, North Miami
B.A. - S.U.N.Y.
M.S. - Georgetown University

John Lawrence Simons, Boca Raton
B.S. - University of Florida
B.A. - University of Florida
M.B.A. - Amber University

Rita Tompkins Sivils, Lutz
B.S. - University of South Florida

Kirby Odis Smith, Tampa
B.S. - University of South Florida

Brian Lawrence Sontag, Plantation
B.S. - University of Miami

Ronald Allan Stillerman, Daytona Beach
B.S. - University of Florida
B.S. - Duke University

Michael Wilson Swearingen, DeKalb, MS
A.A. - Eastern Mississippi Junior College
B.S. - Mississippi State University

David Tan, Long Island City, NY
B.A. - Hunter College

Richard Randall Thacker, Gainesville
A.A. - St. John's River Community College
B.S. - University of Florida

Heidi Veronica Torocsik, Palm Harbor
B.A. - Emory University

Carolyn Theresa Torrillo, Coral Springs
A.A. - Broward Community College
B.S. - Florida Atlantic University

Robert Townsend, Gables, MI
B.S. - Michigan State University

Robert Harold Walker, Rock Hill, SC
B.S. - Presbyterian College

Robert Walter Warren, Jr., Gardena, CA
B.A. - Lehman College/SUNY

Wendy Weiss, Tampa
B.A. - University of South Florida

Debbie Ruth Wilkes, Boca Raton
A.A. - Ocean Community College
B.A. - Florida Atlantic University

Gregory Alan Williams, West Palm Beach
A.A. - Palm Beach Junior College
B.S. - Palm Beach Atlantic College

Rosanna Esther Winchester, North Miami
A.A. - Miami-Dade Community College
B.S. - University of South Florida
M.P.H. - Florida International University

Michael Dean Wolfington, Tampa
B.S. - University of South Florida

Yvonne Denise Zabala, Tampa
B.S. - University of South Florida

Class of 1993

Gehad Anthony Aboud, Tampa
B.S. - University of South Florida

Richard L. Adams, Gainesville
A.A. - Sante Fe Community College
B.S. - University of Florida

Jeffrey William Allman, Shalimar
B.S. - Auburn University, Main Campus

Richard Appleby III, New Castle, DE
B.S. - University of Dayton
B.S. - University of Delaware

Paul Alexander Armstrong, Memphis, TN
B.S. - Memphis State University

Karin Arnold, Miami
B.S. - Barry University

Abraham Issa Awwad, Hialeah
A.A. - Miami Dade Community College
B.S. - Florida International University
B.A. - Florida International University

Douglas Ira Bienstock, Woodmere, NY
B.S. - New York Institute of Technology

- Behnam Birgani**, Hialeah
B.A. - Union for Experimenting Colleges and Universities
- James Michael Brown**, Miami Springs
A.A. - Miami-Dade Community College
B.S. - Florida International University
- Karl Edward Buechsenschuetz**, Bedford, NH
B.S. - University of New Hampshire
- Regan R. Burke**, Orlando
A.A. - Valencia Community College
B.A. - University of Central Florida
B.S. - University of Central Florida
- Elizabeth Ann Burkett**, West Palm Beach
B.S. - Palm Beach Atlantic College
- Pablo Jose Calzada**, Miami
B.S. - Montclair State College
- Jennifer Anne Cascamo**, Toms River, NJ
B.S. - Georgian Court College
- John Albert Castiello**, Coral Gables
B.S. - Florida State University
- Andrew James Cohen**, Hollywood
B.A. - University of Miami
M.P.H. - John Hopkins University
- Peter Mark Cohen**, North Miami Beach
A.A. - Miami Dade Community College
B.A. - University of South Florida
- Robert Darrel Collins**, Fitzgerald, GA
B.S. - Georgia Southwestern College
- Luis Vicente Concepcion**, Miami
A.A. - Miami-Dade Community College
B.S. - Florida International University
- David Sarrat Cressy, Jr.**, Tallahassee
B.S. - Florida State University
- Bret Cameron Crumpton**, Miami
B.A. - University of Miami
- Robert John Danbert**, North Miami
A.A. - South West Oregon Community College
B.S. - Logan College of Chiropractic
D.C. - Logan College of Chiropractic
- Lorraine Margaret Donohue**, St. Augustine
B.S. - University of North Florida
A.S. - Williamsprpt Community College
- David Michael Easton**, Pembroke Pines
B.A. - Azarabadegan University, Iran
M.S. - Nova University
Ph.D. - Nova University
- Robert Anthony Edwards**, Tampa
B.S. - University of South Florida
- Dale Evan Fahie**, Brooklyn, NY
B.S. - Medgar Evers College
- Ned W. Farber**, Hudson
A.A. - St. Petersburg Junior College
B.S. - University of South Florida
- William Stephen Fitterman**, Miami
A.A. - Miami Dade Community College
B.A. - Barry University
- Gregory Barat Fox**, Miami
A.A. - Miami Dade Community College
B.A. - Florida International University
- John Donald Geake**, Miami
A.A. - Miami Dade Community College
B.A. - Florida International University
- Randall Stuart Gordon**, Montgomery, PA
B.S. - Tulane University
- Jeffrey Lorenz Greski**, Parkland
B.A. - Florida Atlantic University
- Andrew Steven Gross**, Sunrise
B.S. - University of South Florida
- Dianne Annette Haisten**, Chandler, AZ
B.S. - University of South Dakota
- Michael Patrick Heid**, Miami
B.S. - University of South Florida
- Karol Joanne Hendrickson**, Lehigh Acres
B.S. - University of Wisconsin
- Patience Anne Marie Henry**, West Palm Beach
A.A. - Palm Beach Junior College
B.S. - Creighton University
B.S. - University of South Florida
- Jon L. Hobbs**, Tallahassee
A.A. - Seminole Community College
B.S. - Florida State University
- Charlene Afsah Hosseini**, St. Augustine
B.S. - University of South Florida

- Joelle Marie Innocent**, Starke
B.S. - University of Florida
- D. Michael Jervis**, St. Petersburg
A.A. - St. Petersburg Junior College
B.S. - University of South Florida
- Sharon Loretta Johnston**, Pompano
B.A. - Florida Atlantic University
B.A. - University of Rochester
- David Michael Kaleugher**, Carnegie, PA
B.A. - Washington Jefferson College
- Kurt William Kantzler**, Largo
B.S. - Florida State University
- Julie Bek Katz-Gerrish**, West Newton, MA
B.S. - University of Massachusetts/
Amherst Campus
- Erik Greg Kent**, Athens, OH
B.S. - University of Ohio
- Lance Yongseog Kim**, Chicago, IL
B.A. - Boston University
- Nicholas Shane Kouns**, Stuart
B.S. - Centre College
- Paul Edward Kudelko**, Largo
B.S. - Furman University
- Yoyen Aurora Lau**, Ossining, NY
B.A. - Cornell University
- Yves Laventure**, Miami
A.S. - New York City Tech
B.S. - Brooklyn College
- Suzann Marie Leslie**, Boca Raton
A.A. - Palm Beach Junior College
B.A. - Florida Atlantic University
- Janice Barbara Lima**, Miami
B.S. - Barry University
- Jacqueline Lustig**, Tamarac, FL
B.A. - University of Florida
- John Carl McDonald**, Ft. Lauderdale
B.A. - Florida Atlantic University
- Robert James McPhee**, Islamorada
B.A. - University of South Florida
- Jose Mario Marina**, Oviedo
A.S. - St. Philips College
B.A. - Rollins College
- Francis R. Martinez**, Miami Beach
A.A. - Miami Dade Community College
B.S. - Florida International University
- Maria Martone**, Forked River, NJ
B.S. - Georgian Court College
- Laura Ellen Michael**, Ft. Lauderdale
B.S. - Indiana State University
- James Randolph Milne**, Sand Key
B.S. - University of South Florida
- Poonam Sahi Mishra**, Palm Bay
B.S. - University of Central Florida
- Mehrdad Momeni**, Gainesville
B.S. - University of Florida
- James Brent Morosco**, Allegheny, PA
B.S. - University of Pennsylvania
- Patrick David Morton**, North Miami Beach
B.A. - Creighton University
- Steven Theodore Moullos**, Clair Shores, MI
B.S. - Wayne State University
- Dipak Dinanath Nadkarni**, Gainesville
B.A. - Duke University
- Dina Marie Novarro**, Miami
B.A. - John Hopkins University
- Kenneth Dean Paige**, Hollywood
B.S. - Florida International University
- Barat M. Panahi**, Des Moines, IA
B.S. - Ferdowsi University - Iran
M.S. - Iowa State University
- Kathleen Ivy Papazian**, Livonia, MI
B.S. - Indiana University
M.S. - Indiana-Purdue University
- Raimundo Pastor, Jr.**, Miami
B.A. - Biscayne College
- Christopher Dale Patterson**, Clearwater
A.A. - St. Petersburg Junior College
B.S. - University of South Florida
- Traci Leigh Pearl**, Augusta, GA
B.S. - Georgia Institute of Technology
- Anthony Trevor Perrin**, Miami
B.A. - Holy Cross College
- Raymond A. Petrus**, Tampa
B.S. - University of South Florida

- Vincent Joseph Pflug**, Birmingham, AL
B.S. - Spring Hill College
- Mercedes Pino**, Hialeah
B.A. - Biscayne College
- Richard John Presutti**, Morristown, TN
B.S. - Vanderbilt University
- Francine Rainone**, Somerville, MA
B.A. - Bryn Mawr College
Ph.D. - Georgetown University
- Vincent Harold Randaisi**, Montgomery, NY
B.A. - Alfred University
- Kulbir Singh Rangil**, Clarion, PA
B.S. - Clarion University
- Cathy Ann Rayburn**, Laurel, MS
B.S. - University of Mississippi
- Toni Lynn Roberts**, Coral Springs
B.S. - Florida Atlantic University
- Jorge Omar Rodriguez**, Jacksonville Beach
B.S. - Florida State University
B.S. - Duke University
- Carlos Humberto Romero**, New York, NY
B.S. - St. John's University
- Michael Rosenfield**, Tampa
A.A. - Miami Dade Community College
B.S. - University of South Florida
- Edward Lawrence Roycraft, Jr.**, Key West
A.A. - Florida Keys University
B.S. - University of South Florida
- Rosarito Rullan**, Los Angeles, CA
B.S. - University of California - Berkeley
- Walter Matthew Ryan, III**, West Long Branch, NJ
B.S. - Monmouth College
- Anthony J. Sancetta**, Glenhead, NY
B.A. - University of Pacific
M.A. - Antioch University
- Elizabeth C. Sanders-Smith**, Miami
B.S. - University of Miami
- Kitturah Bettes Schomberg**, Orlando
B.S. - University of Florida
- Sandi Dee Scott**, Hialeah
A.A. - Miami Dade Community College
B.S. - Barry University
- Lisa Ann Scudder**, Point Lookout, NY
B.S. - St. John's University
- Nathalie Anne Sebag**, Miami Beach
B.A. - Florida Career College
- Steven Jeffrey Seltzer**, Tamarac
B.S. - University of South Florida
- Keith Martin Sharick**, N. Miami Beach
B.S. - Furman University
- Debra A. Smith**, Mahoning, OH
B.A. - Youngstown State University
- Mark Eugene Sturgill**, Louisville, KY
A.S. - University of Louisville
B.S. - University of Louisville
- Christopher James Swartz**, Miami
B.A. - Rollins College
- Richard Scott Vanderburg**, Plantation
B.S. - University of Florida
- Greg B. Vanzant**, Oklahoma City, OK
B.A. - Southwest Baptist University
B.S. - University of Oklahoma Health Sciences
- Andrew Mark Wakstein**, Pembroke Pines
B.S. - Emory University
- Darrell Frederick Weatherly**, Jacksonville
B.S. - Jacksonville University
- Richard Brian Weisberg**, Miami
B.S. - Tulane University
- Lisa Ann Whims**, Rittman, OH
B.A. - Hiram College
- Timothy Brandon Williams**, Clermont Lake
A.A. - Manatee Junior College
B.A. - University of South Florida
M.A. - University of Central Florida
- Suzan Elizabeth Zimmer**, Oakland Park
B.A. - Florida Atlantic University

Class of 1994

Albert G. Alessi, West Palm Beach
B.S. - University of Miami

Paula Lorraine Anderson, North Miami Beach
B.S. - University of Miami

Barbara Arcos, Miami
B.S. - University of Florida

Paul Gregory Avadonian, Ashland, MA
B.S. - Plymouth State College
B.S. - University of Massachusetts

Anais Aurora Badia, Coral Gables
B.S. - University of Miami

Patricia Anne Baier, Clearwater
A.A. - University of South Florida

Dedric Terriell Barnes, Newman, GA
B.S. - Auburn University

Patricia April Baumann, Coral Gables
B.S. - University of Miami
M.S. - Cornell University

Roman Santiago Bautista, South Plainfield, NJ
B.S. - Rutgers University

Roger Todd Boyington, LaBelle
B.S. - Auburn University

William Martin Bracken, Meridian, MI
B.S. - University of Mississippi

Bernhard Lawrence Brijbag, Miami
B.S. - Rollins College

John Michael Buchanan, Miami
B.A. - Mercer University
B.S. - Florida International University

Dominick Jerome Buro, Tamarac
B.S. - Florida International University

Edith Ann Calamia, Ft. Lauderdale
B.A. - Florida Atlantic University

John Caruso, Staten Island, NY
B.A. - New York University

Shawn Kristian Centers, Middleton, NY
B.S. - Georgetown College

Patricia Lynn Claytor, Lutz
B.S. - University of South Florida
A.S. - Central Florida Community College

Gayle Louise Demes, Summerland Key
B.S. - Pennsylvania State University

Christopher Leonard Devine, West Palm Beach
A.A. - Palm Beach Community College
B.S. - University of Florida

Benjamin Dennis DiJoseph, Bridgeton, NJ
B.S. - Ursinus College

Luis Orlando Dominguez, Miami
A.A. - Miami-Dade Community College
B.A. - University of Miami

Marc Steven Eskin, Longwood
B.S. - University of Florida

Renoir Jean Eugene, Ft. Lauderdale
B.S. - West Virginia Wesley College

Andrea Rosalind Filson, Tampa
B.A. - University of South Florida
B.S. - University of South Florida

Jory Michael Fine, Davie
A.A. - Broward Community College
B.A. - Florida Atlantic University

Malcolm Robert Freedman, Philadelphia, PA
B.A. - University of Pennsylvania
D.D.S. - University of Pennsylvania

Michael Jay Friedman, Scarsdale, NY
B.S. - University of Michigan

Alice Fung-Chung, Royal Palm Beach
A.A. - Palm Beach Junior College
B.S. - University of Florida

Orlando Julio Garcia, Miami
A.A. - Miami-Dade Community College
B.S. - University of Miami

Michele Marie Ginszauskas, Redondo Beach, CA
B.A. - California State University

- Melinda Jeanne Gleason**, Wellington
A.A. — Palm Beach Junior College
B.S. — Florida Atlantic University
- Andrew William Goodrich**, St. Petersburg
A.A. — St. Petersburg Junior College
B.S. — University of South Florida
- Farzin Goravanchi**, Houston, TX
B.S. — University of Houston
- Melinda Faye Greenfield**, Bethesda, MD
B.S. — University of Maryland
- Michael Ronald Hadley**, Largo
A.A. — St. Petersburg Junior College
B.S. — University of South Florida
- Paula Adelle Hall**, N. Miami
B.S. — Florida International University
- Randall William Haschke**, Clearwater
B.S. — University of Miami
- Dafna Hed-Ram**, Sherman Oaks, CA
B.A. — University of California
- Eric Alexander Hegybeli**, Hollywood
B.S. — Oral Roberts University
- Rick Dean Hoover**, Indianapolis, IN
B.A. — Purdue University
- Sarah Grace Horner**, Boulder, CO
B.S. — University of Colorado
- James William Howell**, DeFuniak Springs
A.A. — Okaloosa-Walton Junior College
B.A. — University of West Florida
A.S. — Pensacola Junior College
B.S. — University of South Florida
- Hsinchia Charlie Huang**, West Palm Beach
B.S. — University of Pennsylvania
- Jerry Richard Jacobs**, Clearwater
B.S. — University of Texas
- Felicia Ann Jerome**, Dania
A.S. — Miami-Dade Community College
B.A. — Rutgers University
- Todd Matthew Johnson**, Fallston
B.A. — Emory University
- Deborah Gene Kauffman**, Lutz
B.A. — University of South Florida
B.S. — University of South Florida
M.H. — Barry University
- Debra Lynn Koenig**, Staten Island, NY
B.S. — Touro College
- Jacqueline Maria Kraveka**, Brooklyn, NY
B.A. — Columbia University
- Seth Howard Lapin**, Brooklyn, NY
B.S. — Touro College
- Kim P. Lark**, Tampa
A.S. — Lyndon State College
B.S. — Lyndon State College
- Vicky Leff**, North Miami Beach
B.S. — University of Florida
- David Andrew Ligor**, Ft. Pierce
B.A. — Florida Atlantic University
- Jeffrey Scott Lyons**, Miami
B.A. — Indiana University
- Lex Dwayne Mahler**, Lake Park
B.A. — Rutgers University
- Sonal Majmunder**, Alworth, GA
B.A. — Emory University
- Elissa Michele Malkin**, Seminole
B.S. — University of Michigan
- Richard Harris Mansfield**, South Daytona
B.S. — University of Central Florida
- Mitchell Dean Maulfair**, Miami
B.S. — University of Miami
- Jose Edward Mendez**, Miami
A.A. — Miami-Dade Community College
B.S. — Barry University
- Rosa Jacqueline Moljo**, Bay Harbor
A.A. — Miami-Dade Community College
B.S. — Florida International University
- Lee Andrew Morgentaler**, Miami
B.A. — Brandeis University
- John Anthony Moss**, Onondago, NY
B.A. — Rollins College
- Nikhil Sharad Parulekar**, Carbin, KY
B.S. — Union College
- Sheldon R. Pearlman**, Baltimore, MD
B.A. — University of Maryland
- Lourdes Maria Pelaez**, Gainesville
A.A. — Florida Community College
B.S. — University of Florida

- Rowena Verceles Peralta**, Jacksonville
B.S. – University of North Florida
- Julie Lynn Providenti**, Palm Harbor
B.S. – University of South Florida
- Isidro Pujol**, Miami
A.A. – Miami-Dade Community College
B.S. – University of Miami
- David Robert Rabaja**, Altamonte Springs
B.S. – Ohio Northern University
- Alan Jeffrey Rechter**, Plantation
B.A. – University of South Florida
- Marcos Rejtman**, Gainesville
A.A. – Broward Community College
- Larry Earl Reneker**, Sunrise
A.A. – Harrisburg Community College
B.S. – Nova University
- Wade Douglas Reynolds**, Columbia, SC
B.S. – University of Arizona
- Joseph Patrick Riley**, Bridgeton, NJ
B.S. – Glassboro State College
- Armando Roca**, Pembroke Pines
B.A. – Saint Thomas University
- Paul Anthony Rodriguez**, Hollywood
B.S. – University of Miami
- Carlos Alfredo Sanchez**, Clark, NJ
B.A. – Kean College of New Jersey
- Steve Aaron Sanet**, Broomall, PA
B.S. – Pennsylvania State University
- Lawrence Joseph Scalzo**, Montclair, NJ
B.S. – Setson Hall University
- Peter Samuel Schreiber**, Arcadia
B.S. – University of Florida
- Gregory Brian Scott**, Jacksonville
B.S. – University of South Florida
- Karl Michael Secor**, Nehalem, OR
B.S. – Gonzaga University
- Mark Alan Siemer**, Winston-Salem, NC
A.A. – DeKalb Community College
B.S. – Ball State University
- Joel Ian Silverman**, North Miami
B.A. – Curry College
- Scott William Smith**, Tampa
R.N. – Iowa Lakes Community College
B.S. – University of South Florida
- David Lawrence Smull**, Ithaca, NY
B.A. – Suny at Binghamton
- Rajendra Himat Solanki**, Sarasota
B.S. – University of South Florida
- Dhiren D. Soni**, Sicklerville, NJ
B.A. – Rutgers University
- Maria Victoria Soto**, Portsmouth, OH
B.A. – Ohio Wesleyan University
- Michael Staszziel**, Ft. Lauderdale
B.S. – Barry University
- Frank Arthur Stewart, III**, Tampa
A.A. – Edison Community College
B.S. – University of South Florida
- Jeannette Marilyn Straga**, Miami
B.A. – Kent State University
- Sahynee Sussman**, North Miami Beach
B.A. – Tulane University
- Donald Frederick Swanson**, St. James
B.S. – University of South Florida
- Lan Thuc Ta**, Tampa
B.S. – University of South Florida
- Marlene Tages**, Ft. Lauderdale
A.A. – Broward Community College
B.A. – Florida Atlantic University
- Lisa Ashley-Tichenor**, Gainesville
B.S. – University of Florida
- Byron Jackson Vaughn**, St. Louis, MO
A.A. – St. Louis Community College
B.A. – St. Louis University
B.S. – University of Iowa
- John Vincent Vilasi**, Dix Hills, NY
B.A. – Hofstra University
- Mary Jo Villar**, Tucson, ARIZ
B.S. – University of Arizona
- Charles Randall Warren**, Gainesville
B.S. – University of Florida
- Tracy I. Weiner**, Palm Coast
A.A. – Edison Community College
B.S. – University of Central Florida
B.S. – University of Florida

Annette Marie Wilder, Houston, TX
B.S. — Texas Woman's University

Allen Winston, Gretna, LA
B.S. — Southern University, A&M
M.S. — Oklahoma University

Paula Maria Wozniak, Miami
B.S. — Pennsylvania State University

Joseph Richard Yacisen, Boston, MA
B.S. — Northeastern University

Michelle Ann Yerbury, Treasure Isle
A.A. — St. Petersburg Community College
B.A. — Florida State University

Me'lissa Renee Young, Lauderhill
B.A. — Fisk University

Elise Joy Zahn, West Palm Beach
B.S. — University of Florida

Class of 1995

David Paul Abrams, Houston, TX
B.S. — University of Houston

Alan Ackerman, N. Miami Beach
B.S. — Tulane University

John Brannan Adams, Athens, GA
B.S. — University of Georgia

William Charles Adamson, West Palm Beach
B.A. — West Virginia University

Fumiyo Akazawa, North Miami Beach
B.S. — Meiji College of Pharmacy

Pedro Gabriel Alvarez, Miami
B.A. — Florida International University

Felix Andarsio Jr., Miami
B.A. — University of Miami

Mehran Arabpour, Silver Spring, MD
B.S. — University of Maryland

Giovanna Maria Aracri, Pittsburgh, PA
B.A. — Washington and Jefferson University

Audrey Leonie Beckford, Pembroke Pines
B.S. — Abilene Christian University

Steven Beljic, Jacksonville
B.S. — Florida State University

David Michael Berman, Baltimore, MD
B.S. — Virginia Commonwealth University

Pierre Kindall Berry, Chattanooga, TN
B.S. — Temple University

Peter Louis Bono, Hernando
B.S. — University of Florida

Michael Joseph Borowicz, Clay, NY
B.S. — Le Moyne College

Shari Robin Boschowitz, Lauderhill
B.S. — University of Florida

Marshall Keith Brown, Manhattan, KS
B.S. — Kansas State University

Anna Marie Cabeca, Doylestown, PA
B.S. — Ursinus College

Vickie Yvette Calamese, Median, MS
B.A. — University of Mississippi

Robert Anthony Cano, Tampa
B.S. — Florida A&M University

Octavia Manetta Cannon, Lansing, MI
B.S. — Johnson C. Smith University
M.S. — Michigan State University

Daniel Charles Carney, Gulf Breeze
B.A. — University of Miami

Nai Li Chen, San Marino, CA
B.S. — University of Southern California

Regina Lynn Chorsky, Liverpool, NY
B.S. — Syracuse

Roberta Ann Comlin, Ft. Meyers
B.S. — Carlow College

Francis Xavier Conidi, Tampa
B.A. — Boston University

Nicholas Anthony Coppola, III, Margate
B.S. — Nova University

Steven Doesey Cork, Ormond Beach
B.S. — University of Florida

- James Joseph Cox**, Jupiter
B.A. – University of Maryland
- Gregory Peter Cusano**, Pembroke Pines
B.S. – Barry University
- Marlene Carbonell Dager**, Miami
B.A. – Florida International University
- Mahmoud Reza Darioosh**, Gainesville
B.A. – Queen's University
- Jeffrey Scott Davidson**, Tallahassee
B.S. – Florida State University
- Joseph David DeFulvio**, Oreland, PA
B.S. – Villanova University
- Edmundo Daniel Delgado**, Miami
B.S. – University of Florida
- Paul Marcus Edwards**, Quincy
B.S. – Florida State University
- Stacy Lynn Edwards**, Palm Harbor
B.S. – University of Miami
- Tarek Nabil Elrafei**, Franklin Lakes, NJ
B.S. – Rutgers University
- Seth A. Feldman**, Plantation
B.A. – Tulane University
- Stephanie Lynn Fenlon**, Bradenton
B.S. – University of South Florida
- Lucille Maria Frial**, Plantation
A.A. – University of Florida
B.S. – University of Florida
- Jorge Alberto Gadea**, Miami
B.S. – University of South Florida
- Beatriz Elana Gil**, Hialeah
B.S. – University of South Florida
- Stacie Lynn Ginsberg**, Elkins Park, PA
B.S. – Beaver College
- Todd Daniel Glassman**, N. Miami Beach
B.A. – Florida International University
- Elyse Helene Glazer**, Plantation
B.A. – Emory University
- Dean Robert Goldberg**, Miami
B.A. – University of Miami
- Joshua Bernard Goldman**, N. Lauderdale
B.S. – Emory University
- Jay I. Gorstein**, West Islip, NY
B.S. – Bethany College
- Randy Bruce Gould**, Tamarac
B.A. – University of Michigan
- Jose Manuel Goyos**, Miami
B.S. – University of Miami
- Tatia Raquel Grant-Levy**, Miami
B.S. – Eckerd College
- James Thomas Grier**, Oxnard, CA
B.S. – University of Berkeley
- David Martin Harbour**, Brandon
B.S. – University of South Florida
- Sanjeev Suhas Hasabnis**, Duncanville, PA
B.A. – Emory University
- Christopher C. Hill**, Margate
B.A. – Florida Atlantic University
- Robert M. Howe**, Ft. Lauderdale
B.S. – George Washington University
- Russell Anthony Incatasciato**, Lighthouse Point
B.S. – Florida Atlantic University
- Gerard Sorin Issvoran**, Pacific Grove, CA
B.S. – St. Mary's College of California
- Pamela Gene Karasy**, Crystal Beach, Canada
B.S. – Florida Atlantic University
- Youssef Khalil Khodor**, Tampa
B.S. – Weber State University
- Andrew George Knowles**, Lake Placid
B.S. – Florida State University
- Robert Anthony Kominiarek**, Erie, PA
B.S. – Gannon University
- Neil Joseph Lahurd**, Hollywood
B.S. – University of Miami
- James Marion Lance**, Athens, GA
B.S. – Presbyterian College
- Simon Lavi**, Los Angeles, CA
B.S. – University of Southern California
- Keith Stuart Leventhal**, Bayside, NY
B.S. – State University of New York
- Jeffrey Mark Lipman**, Miami
B.S. – Washington University

- Jana T. Lister**, Miami
B.A. – University of Miami
- Jerilee Emma Lomas**, N. Palm Beach
B.S. – University of Central Florida
- Anne M. Lord**, Davie
B.A. – Florida Atlantic University
- Phillip Paul Malvasi**, Niles, OH
B.S. – Youngstown State University
- Maurice David Marholin**, Boca Raton
A.A. – Broward Community College
B.A. – Florida Atlantic University
D.C. – Cleveland Chiropractic
- Michelle Marie Maureau**, Pompano
B.A. – Florida Atlantic University
- Michael Ethan Meltzer**, Cherry Hill, NJ
B.A. – Ithaca College
- Louie Arthur Meyers, Jr.**, Plant City
B.S. – University of South Florida
- Beth Ann Miller**, Clinton, MS
B.S. – Baylor University
- James Bryan Moore**, Campbellville, KY
B.S. – University of Kentucky
- Edward Scott Morrison**, Pensacola
B.S. – North Carolina State University
- Thuat Nhan Nguyen**, Houston, TX
B.S. – University of Houston
- Ryan Christopher O'Connor**, Palm Harbour
B.A. – American University
- Frank Mario Ostella**, Montclair, NJ
B.A. – Montclair State College
- Hillel Peltz**, Brooklyn, NY
B.S. – Brooklyn College
- Francis Robert Peluso**, Middlesex, MA
B.M. – Combs College of Music
- Neil Anthony Persaud**, Gainesville
D.M.D. – University of Florida
- Parvathi Perumareddi**, Boca Raton
B.S. – University of Florida
- Eric Norman Peterzell**, Windemere
B.S. – University of South Florida
- Raul Antonio Pinon, Jr.**, Kendall
A.A. – St. Leo College
B.S. – University of Miami
- Bradley Rex Pirtle**, Irving, TX
B.S. – Stephen F. Austin College
- Michelle Cecille Powell**, Miami
B.S. – Florida International University
- Nicholas Alexander Powers**, Wilmington, OH
B.S. – University of Cincinnati
- Sajid Hafeez Qazi**, Orlando
B.S. – University of Wisconsin
- Ajaz Rahaman**, Miramar
B.S. – Barry University
- Kathleen Susan Rathbun**, West Palm Beach
B.A. – Florida Atlantic University
- Kirk Douglas Raymond**, Flushing, MI
B.S. – University of Michigan
- Steven Jay Reeves**, Coconut Creek
B.A. – Hofstra University
- Alexander Restrepo**, Fairlawn, NJ
B.A. – Rutgers University
- Youssef Said Rizk**, Lake Worth
B.S. – University of Florida
- Forrest Dean Robart**, Clark, NJ
B.S. – Rutgers University
- Prangnuan Rodapasiri**, Pembroke Pines
B.S. – University of Georgia
- William Rodriguez**, Miami
B.A. – St. Thomas University
- James Joseph Ronzo**, Lecanto
B.S. – University of Central Florida
- Tracy Alissa Rosenbaum**, Philadelphia, PA
B.A. – University of Pennsylvania
- Howard David Routman**, N. Miami Beach
B.A. – University of Florida
- Enrique Diogene Saavedra**, Meadville, PA
B.S. – Allegheny College
- Hili Saban**, Plantation
B.S. – University of Miami
- Farah Sani**, Boca Raton
B.A. – Florida Atlantic University
- Amy Sazima**, Miami
B.S. – University of Michigan

- Ralph David Scolari**, Warren, MI
B.S. – University of Michigan
- Thomas Joseph Seglio**, New York, NY
B.M. – Manhattan School of Music
- Michael Sein**, Middletown, NY
B.S. – University of Kentucky
- Gregory Todd Serfer**, Hallandale
B.A. – University of Miami
- Michael Martin Seto**, Huntington Beach, CA
B.S. – California State University
- Tonya Ann Sexton**, Milford, MI
B.S. – Oakland University
- Sirtaz Singh Sibia**, Boca Raton
B.S. – University of Miami
- Harold Jay Siegel**, N. Miami Beach
B.S. – University of Florida
- Todd Adam Silberstein**, Pembroke Pines
B.S. – University of Florida
- Jennifer Paul Somerville**, Orlando
B.S. – University of Central Florida
- Steven Peter Stanos, Jr.**, Youngstown, OH
B.A. – University of Cincinnati
- Charles Grady Stepherson**, Islamorada
B.S. – Barry University
- Ilana Joy Stief**, Brooklyn, NY
B.S. – Brooklyn College
- Collene Marie Stout**, Sunrise
B.S. – Florida International University
- Zaheed Tai**, Orlando
B.S. – University of Florida
- Isabelle Tardiff**, Lauderdale
B.S. – Florida Atlantic University
- Daniel Bijan Tavari**, Brooklyn, NY
B.S. – Touro College
- Charles Lane Taylor**, Mobile, AL
B.S. – Auburn University
- Robert Emmanuel Tomas**, Miami Lakes
B.S. – University of Miami
- Jennifer L. Toncra**, El Paso, TX
B.S.N. – New Mexico University
- Miguel Anibal Trujillo**, Miami
B.S. – Florida International University
- Ruddy A. Valdez**, Hialeah
B.A. – St. Thomas University
- Steven Vanni**, Miramar
B.S. – Life College
- Steven Austin Visnaw**, Westport, CT
B.S. – University of Miami
- Robert Earl Walton**, Ottawa, IL
B.A. – Aurora University
- Pamela Diana Warren**, Haleyville, AL
B.S. – University of North Alabama
- Jeremy Scott Weiss**, Crystal Beach
B.S. – Oberlin College
- Richard Evan Werman**, Memphis, TN
B.S. – University of Georgia
- Steven Mark Wilder**, Dallas, TX
B.S. – Dallas Baptist University
D.C. – U.S. College
- Robert Leslie Wilkinson**, Miami
B.S. – Arizona State University
- Stacy Jo Williams**, West Palm Beach
B.A. – Florida Atlantic University
- Peter Albert Woods, Jr.**, Ft. Lauderdale
B.S. – University of Notre Dame
- Jimmy Yoon**, Woodland Hills, CA
B.A. – Pomona College
- Todd Russell Zusmer**, Miami
B.A. – University of Texas

College of Pharmacy





College of Pharmacy

**William D. Hardigan, Ph.D.,
Dean**

Administration

William D. Hardigan, B.S., M.S., Ph.D., Dean

Paul Magalian, B.S., B.S., Ph.D., Associate Dean for Administration

Scott A. Swigart, B.S., Pharm. D., Assistant Dean for Pharmacy Practice

Harold E. Laubach, B.S., M.S., Ph.D., Associate Dean for Basic Sciences

Marla Frohlinger, B.A., Assistant Dean for Admissions and Student Affairs

Mary R. Smith, Registrar

Patrick J. Gorman, B.S.H.A., Director of Student Financial Aid

Jeffrey Schneider, M.B.A., C.P.A., Director of Finance

Steven Weinstein, B.S., C.P.A., Comptroller

Steven Culbreth, B.S., Bursar

Anita Gleimer, B.A., M.B.A., Director of Medical Communications

Emil L. Todaro, B.A., D.O., Executive Director of Development

L. Daniel Valdes, B.A., Director of Development

Janice Gottlieb, M.A., M.L.S., Library Director

Royal Flagg Jonas, B.S., J.D., Legal Counsel

PHARMACY

As drugs become more potent and specific and information more plentiful, it is necessary to have individuals who have primary responsibility for monitoring drug therapy. Pharmacists assume this responsibility.

Through progressive education and expanded professional roles, the practice of pharmacy is an integral part of today's health care delivery system. Pharmacists are knowledgeable about drugs and therapeutic goals, their uses, formulation, contradictions, adverse effects, incompatibilities and potential for drug interactions.

Pharmacists are active in primary patient care: hypertension screening, over-the-counter products, patient profiles, drug regimens. They understand the health care needs of specialized patient groups, such as children and the elderly. This means that the pharmacist is not just drugs oriented, but is also people oriented. He or she thinks of the medication and the patient with emphasis on making certain that the patient has the right drug, in the right amount, for the right length of time, and with a minimum of adverse effects. The end result can only be improved health care.

Most pharmacists practice their profession in patient-oriented settings: the community (which includes self-employment), the hospital, the extended care facility or the public health clinic. In addition, pharmacists are employed by the pharmaceutical industry in research and development in manufacturing or as medical service representatives. They are employed by educational institutions, government agencies, health maintenance organizations and by home based health care programs.

Like other health professions, the practice of pharmacy is regulated by law. In the United States the various state laws limit practice to those who have been duly licensed by the state. Qualifications for licensure are: graduation from an accredited college of pharmacy, completion of a required internship program, and passing an examination conducted by the Board of Pharmacy within the State.



COUNCIL OF OVERSEERS

JAY M. TISCHENKEL, R.Ph.,
CHAIRMAN

Beech Mountain, North Carolina
Retired President,
Continental Drug Corporation

MRS. WILLIAM S. APPLE
Falls Church, Virginia

DAVID COLIN, R.Ph.
Hallandale, Florida
Chairman, Florida Chapter-
Brooklyn College of Pharmacy
Alumni Association

PAUL A. EGER, R.Ph.
South Miami, Florida
Director of Pharmacy
South Miami Hospital

ROSEBUD L. FOSTER, Ph.D.
North Miami, Florida
AHEC Project Manager
Florida International
University

RICHARD HAMMEL, R.Ph., Ph.D.
Research Triangle Park, NC
Director of Marketing Services
Glaxo, Inc.

CONSTANTINE J. LOPILATO, R.Ph.
Hollywood, Florida
President, Town Drug

DAVID J. OSTERBERGER,
Pharm.D.
Miami, Florida

LESLIE D. REAGIN, III
Clearwater, Florida
Executive Vice President
Eckerd Drug Company

PHILIP SACKS, R.Ph.
Fort Lauderdale, Florida
Past President, American
Pharmaceutical Association

JOHN STADNIK, R.Ph.
Miami Springs, Florida
President, Miami Springs
Pharmacy

JOEL M. WILENTZ, MD
Hallandale, Florida
Pharmacist and Dermatologist

Accreditation

Southeastern College of Pharmacy's doctor of pharmacy and baccalaureate in pharmacy programs have been granted candidate accreditation status by the American Council on Pharmaceutical Education, the national agency for the accreditation of professional programs in pharmacy.

Candidate status denotes a developmental program which is expected to mature in accord with stated plans within a defined time period. The accreditation status extends to June 30, 1993.

Graduates of a program having candidate status have in the opinion of the American Council on Pharmaceutical Education, the same rights and privileges as graduates of an accredited program. It should be noted that decisions concerning eligibility for licensure, by examination or reciprocity, reside with respective state boards of pharmacy in accordance with their state statutes and administrative rules and regulations. The Florida State Board of Pharmacy has indicated its intent to recognize candidate status.

Facilities

The College of Pharmacy occupies an entire three-story building which includes an expanding Drug Information Center, conference rooms, and faculty offices.

Clinical teaching sites in the Miami-Fort Lauderdale metropolitan area provide an unsurpassed environment for the clinical education. Support from the community pharmacy sector allows students to learn contemporary pharmacy within a wide diversity of practice sites.



ACADEMIC CALENDARS

1991-92

FALL SEMESTER

Sunday, August 18, 1991

Monday, August 19, 1991

Monday, September 2, 1991

Wednesday, November 27, 1991

Monday, December 2, 1991

Friday, December 13, 1991

Monday, December 16, 1991

Friday, December 20, 1991

Orientation & Registration.

Full-time Classes Begin.

Registration for Postgraduate
Pharm.D. Program.

Postgraduate Pharm.D. Classes Begin.

Labor Day. No Classes.

10:30 P.M. Thanksgiving Recess Begins.

9:00 A.M. Classes Resume.

5:00 P.M. Classes End.

Final Exams Begin

10:30 P.M. Winter Recess Begins



SPRING SEMESTER 1992

Monday, January 6, 1992

8:00 A.M. Registration of Full-time Students.

9:00 A.M. Full-time Classes Begin.

5:30 P.M. Registration for Postgraduate
Pharm.D. Program.

Monday, February 17, 1992

President's Birthday, No Classes.

Friday, April 10, 1992

8:00 A.M. Spring Recess Begins.

Monday, April 20, 1992

8:00 A.M. Classes Resume.

Friday, May 8, 1992

5:00 P.M. Classes End.

Monday, May 11, 1992

8:00 A.M. Final Exams Begin.

Friday, May 15, 1992

10:30 P.M. Second Semester Ends.

Sunday, May 31, 1992

Graduation.



ACADEMIC CALENDAR

FALL SEMESTER 1992

Sunday, August 16, 1992	Orientation & registration for First Year Students
Monday, August 17, 1992	Registration: 8:00 A.M.: P-2 9:00 A.M.: P-3 and PD-3 10:00 A.M.: PD-4 11:00 A.M.: P-1 Classes begin at 9 A.M. for P-2 Classes begin at Noon for P-1 Registration for Postgraduate Pharm.D. students begins at 5:30 P.M. Postgraduate Pharm.D. classes begin at 6:45 P.M.
Monday, September 7, 1992	Labor Day, No Classes.
Monday, October 12, 1992	First Block Exams.
Wednesday, November 25, 1992	Thanksgiving. 10:30 P.M. Recess Begins
Monday, November 30, 1992	Classes Resume 8:00 A.M.
Monday, December 14, 1992	Final Exams Begin
Friday, December 18, 1992	Winter Recess Begin.

SPRING SEMESTER 1993

Monday, January 4, 1993	Registration: 8:00 A.M.: P-2 9:00 A.M.: P-3 and PD-3 10:00 A.M.: PD-4 11:00 A.M.: P-1 Classes begin at 9 A.M. for P-2 Classes begin at Noon for P-1 Registration for Postgraduate Pharm.D. students begins at 5:30 P.M. Postgraduate Pharm.D. classes begin at 6:45 P.M.
Monday, February 15, 1993	Presidents' Birthday, No Classes
Monday, March 1, 1993	First Block Exams.
Friday, April 2, 1993	Spring Recess Begins 9:00 A.M.
Monday, April 12, 1993	Classes Resume
Friday, May 8, 1993	Classes End 5:00 P.M.
Monday, May 10, 1993	Final Exams Begin.
Friday, May 14, 1993	Second Semester Ends.
Sunday, May 30, 1993	Graduation.

The Administration of SECOP Reserves the Right to
Make Changes in the Calendar if Necessary.

ADMISSION REQUIREMENTS

FULL-TIME PROFESSIONAL PROGRAM

SECOP selects students based on pre-pharmacy academic performance. This includes aptitude test (SAT, PCAT or ACT) scores, personal interviews, written applications and letters of reference.

PRE-PHARMACY STUDIES:

1. Prior to matriculation, SECOP applicants must complete a minimum of 60 semester hours of course work at an accredited college or university including the following required courses:
 - Biology with Laboratory - 8 semester hours
 - Business/Economics - 6 semester hours
 - Calculus - 3 semester hours
 - Statistics - 3 semester hours
 - English Composition - 3 semester hours
 - English Literature - 3 semester hours
 - General Chemistry with Laboratory - 8 semester hours
 - Organic Chemistry with Laboratory - 8 semester hours
 - Social and Behavioral Sciences - 9 semester hours
(Anthropology, Sociology, Psychology are recommended)
 - Speech or Communications - 3 semester hours
 - Humanities - 6 semester hours
2. Students must have a grade point average of 70% or higher on a 100-point scale. To assure a well-rounded background for professional studies and adequate preparation in mathematics and sciences, SECOP requires students to earn a grade of C or better in each required pre-pharmacy course. It is recommended that courses taken outside these requirements be in the social and behavioral sciences or the humanities.

APPLICATION PROCEDURE

FULL TIME PROFESSIONAL PROGRAM

Inquiries for admission should be addressed to the Admissions Office, College of Pharmacy, 1750 N.E. 167th Street, North Miami Beach, Florida 33162-3097. Candidates for admission must submit:

1. A completed application form along with a \$50 non-refundable application fee.
2. A letter of recommendation from the undergraduate Pre-Professional Committee, or if such a committee does not exist, three letters of recommendation, two from science professors and one from a liberal arts professor.
3. A letter of reference from a registered pharmacist.
4. Official PCAT, SAT, or ACT scores
5. Official college transcripts from all undergraduate and graduate institutions attended.

SECOP REQUESTS THAT ALL APPLICATION DOCUMENTS SHOULD BE RECEIVED BY APRIL 15 IN ORDER FOR THE APPLICANT TO BE CONSIDERED FOR ADMISSION IN FALL OF THE SAME YEAR. NOTICE OF ACCEPTANCE OR OTHER ACTION BY THE COMMITTEE ON ADMISSIONS WILL BE ON A "ROLLING" OR PERIODIC SCHEDULE. EARLY COMPLETION OF THE APPLICATION IS THEREFORE IN THE BEST INTEREST OF THE STUDENT.

Upon receipt of the completed application and required credentials, the Committee on Admissions will select those applicants eligible to be interviewed. Those selected will be notified in writing of the time and place. All applicants who are eventually chosen by the College must be interviewed, but an invitation to appear for an interview should not be construed by the applicant as evidence of final acceptance.

Since only one sequence of the required professional courses is offered each year, admission of new students to the College is limited to the Fall semester.

TUITION AND FEES

FULL TIME PROFESSIONAL PROGRAM

SECOP has established the following tuition and fees:

1. Tuition and fees for Florida Residents: \$8100 for the 1991-92 academic year and \$11,100 for out-of-state Residents.
2. Acceptance Fee: \$100. This fee is required to reserve the accepted applicant's place in the entering First Year Class. This advance payment will be deducted from the tuition payment due on registration day, but is not refundable in case of withdrawal. It is payable within two weeks of the applicant's acceptance.
3. Deposit: \$400. This fee is due March 15.
4. Pre-registration Fee: \$500. Due May 15, under the same terms as the Acceptance Fee.

The first semester's tuition and fees (\$4100), less the \$1,000 previously paid, are due on or before Registration Day. Tuition for each subsequent semester (\$4000) is due on or before Registration Day for that semester. Students will not be admitted until their financial obligations have been met.

POSTGRADUATE DOCTOR OF PHARMACY PROGRAM

SECOP has established the following Postgraduate Pharm.D. tuition and fees:

1. Tuition: \$224 per credit hour.
2. Acceptance Fee: \$100. This fee is required to reserve the accepted applicant's place in the class. This advance payment will be deducted from the tuition payment due on registration day, but it is not refundable in case of withdrawal. It is payable within two weeks of the applicant's acceptance.
3. Pre-registration Fee: \$150. Due March 15, under the same terms as the Acceptance Fee.

The first session's tuition and fees, less \$250 previously paid are due on or before Registration Day. Tuition for each subsequent didactic session is due on or before registration day of that session. Students will not be admitted until their financial obligation has been discharged.

FINANCIAL AID

All sources of financial aid, scholarships and loans listed in this section are summarized briefly due to constantly changing requirements, fund availability and interest levels. The student financial aid officer monitors all revisions in these programs and maintains a current status file on each. For further information on any of the following programs, please contact the Financial Aid Director.

PRIVATE PROGRAMS

- A. Doris D. Forman Fund
- B. Eckerd Drug Scholarship/Loan Program
- C. SECOP Student Loan Program
- D. Florida Society of Hospital Pharmacy Scholarship Award
- E. Burroughs Wellcome Scholarship Program
- F. National Association of Retail Druggists (NARD) Loan Program
- G. Broward County Pharmacy Association Scholarship
- H. Jay Tischenkel Scholarship
- I. Walgreen's Drug Scholarship/Loan Program
- J. Memorial Hospital Scholarship/Loan Program
- K. National Association of Chain Drug Stores Scholarship
- L. Paul & Ellen Magalian Scholarship Award
- M. AZO/Morris Silver Scholarship
- N. K-Mart Scholarship
- O. Morris Cody Scholarship
- P. National Hispanic Scholarship Fund
- Q. American Fellowships, The American Association of University Women
- R. Business and Professional Women's Career Scholarship
- S. Advancement Scholarship

FEDERAL PROGRAMS

Federal Programs	Maximum Annual Award
Exceptional Financial Need Scholarship (generally one per year)	Full Tuition, reimbursement for books, monthly stipend
Pell Grant	\$ 2,300
Guaranteed Student Loan	\$ 4,000
Supplemental/Parent Loan	\$ 4,000
Health Education Assistance Loan (Eligibility begins during second year of pharmacy study)	\$ 12,500

GRADUATION REQUIREMENTS

Every person upon whom a degree shall be conferred must have fulfilled the following requirements:

- Be of good moral character.
- Have satisfactorily passed all prescribed examinations.
- Have satisfactorily completed the assigned curriculum requirements for the degree, including all assignments with a grade point average of 2.0 or a numerical average of 70 or above.
- Have satisfactorily discharged all financial obligations.
- Transfer students must complete a minimum of 15 credit hours of didactic course work in addition to all experiential requirements.

The College reserves the right, and the student, by his/her act of matriculation, concedes to the College the right to require his/her withdrawal at any time if the College deems it necessary to safeguard its standards of scholarship, conduct and compliances with regulations or for such reasons as are deemed appropriate.

INTERNSHIP

Internship is a requirement for licensure and is not required for graduation from the College of Pharmacy.

Internship must be completed within the guidelines of the Florida Board of Pharmacy as set forth in the Rule Chapter 215-1, or the Board of Pharmacy in the state in which the student plans to fulfill the requirements for internship. The College's Director of Experiential Programs provides assistance and guidance to students entering internships.

Students opting for the B.S. in Pharmacy degree are required to complete 220 hours of internship in addition to the College's externship and clerkship, in order to fulfill the requirement for licensure in Florida. Students who pursue the Doctor of Pharmacy degree do not need to fulfill any additional internship hours in order to become licensed in Florida.

THE PHARM.D. DEGREE COURSE OF STUDY

FULL TIME PROFESSIONAL PROGRAM

1st YEAR

The first year of the professional curriculum is designed to provide a firm foundation in the basic sciences. In order to provide efficiency of learning, the areas of anatomy, pathology and physiology are integrated into one course. Similarly, medicinal chemistry and pharmacology have been combined into one course entitled Pharmacodynamics. The student begins the study of Pharmaceutics at this time by investigating certain principles of pharmacy which continues into pharmacokinetics. The courses in pharmacy administration are introduced to provide an insight into the business and human relations aspects of pharmacy practice.

2nd YEAR

The second year of the professional curriculum is more applied. Therapeutics addresses the use of drugs in the disease process. Physical assessment is taught because of its value in monitoring the progress of drug therapy. The pharmaceutics course is concerned with the science of dosage forms. A pharmacy law course, as well as prescription practice course, is included to provide the student with the background needed for legally and ethically dispensing prescriptions. A pharmacy administration course provides an insight into the social and economic aspects of the health care system.

3rd YEAR

In the third year, students pursuing the Pharm.D. degree direct their attention towards honing their analytical skills. Courses in statistics and experimental design, drug literature evaluation and the interpretation of biopharmaceutic and laboratory data are included at this stage. An advanced course in Pharmacotherapeutics is also offered during this semester. The second half of the third year is Externship which is described under the B.S. Curriculum.

4th YEAR

The final year of the Pharm.D. Curriculum is a full-time clerkship. The first semester of this clerkship includes four 160-hour rotations in preassigned areas. During the second semester the student practices with considerably more independence and gains a much greater insight into the process of monitoring drug therapy to maximize benefits and minimize side effects. This semester, the student selects four 160-hour rotations in specialty areas.

CURRICULUM OUTLINE

SEMESTER I

SEMESTER 2

Year 1

Pharmacy Calculations	1
Anatomy & Pathophysiology I	5
Physical Pharmacy	3
Biochemistry	4
Pharmacodynamics I	3
Pharmacy Administration I	2

Anatomy & Pathophysiology	5
Pharmacokinetics	4
Pharmacodynamics II	4
Microbiology	3
Pharmacy Administration II	2

Credits 18

Credits 18

Year 2

Therapeutics I	4
Pharmacodynamics III	6
Pharmaceutics	3
General Education I	3
Pharmaceutical Marketing	2

Therapeutics II (Geriatric and Minority Population)	4
Pharmacodynamics IV	3
Physical Assessment	2
Prescription Practice	3
General Education II	3
Pharmacy Law	3

Credits 18

Credits 18

Year 3

Experimental Design & Statistics	4
Drug Literature Evaluation	2
Interpretation of Biopharmaceutical and Laboratory Data	4
Advanced Pharmacotherapeutics	6

Externship	7
Externship	7

Credits 16

Credits 14

Year 4

Clerkship II (I.M.)	3.5
Clerkship II (AMB)	3.5
Clerkship II (GER)	3.5
Clerkship II (D.I.)	3.5

Clerkship III - A	3.5
Clerkship III - B	3.5
Clerkship LLL - C	3.5
Clerkship III - D	3.5

Credits 14

Credits 14

The curriculum is designed in such a way that the knowledge gained in one semester becomes the foundation for learning material covered in the subsequent semesters. Therefore, when students fail to successfully complete coursework specified for one semester it will impede their ability to take courses in future semesters. This will often lead to a delay of one year in the graduation date.

THE B.S. IN PHARMACY DEGREE

All students accepted into the College are enrolled in the Pharm.D. Program. During the second year of professional study, students may petition to pursue the B.S. in Pharmacy Degree. Those petitions are due to be filed March 1st of the student's second professional year.

Students selecting the B.S. option will complete their education during the third professional year with a full year of practical experience. The first semester, Externship, is a full-time experience working under the tutelage of a pharmacist. One-half semester will be spent in a community pharmacy and one-half semester will be in a hospital pharmacy.

The second component of the third year is Clinical Clerkship. Here, each student works full-time under the close supervision of a pharmacist whose primary responsibility is to monitor drug usage in a clinical setting, often at the patient's bedside.

SEMESTER 1

SEMESTER 2

Year 1 and 2

Same as above for the Pharm.D. Curriculum

Year 3

Externship I7
Externship II7

Clerkship I (I.M.)3.5
Clerkship I (AMB)3.5
Clerkship I (GER)3.5
Clerkship I (D.I.)3.5

Credits 14

Credits 14

DIFFERENTIATION OF B.S. AND PHARM.D PROGRAMS

The patient-oriented components of pharmacy practice continue to grow in importance. This trend is very evident in Florida where the role of the pharmacist has expanded significantly because of the state's large proportion of elderly people.

Accordingly, it has been decided that the curriculum at the Southeastern College of Pharmacy (SECOP) will be especially strong in the clinical areas for graduates at both the B.S. and Pharm. D. levels. This philosophy and emphasis is apparent from perusing the curriculum and noting the following:

1. The intensity of the experiential component. The B.S. candidates have one full semester of externship in drug distribution and one full semester of clerkship. The Pharm.D. candidates have an additional semester of clerkship which allows practice at a greater comprehension of drug therapy.

2. The intensity of the Pathophysiology and Therapeutics courses. The total time devoted to these areas is significant, especially at the B.S. level. This reflects our conviction that pharmacists at all levels of practice need to thoroughly understand disease processes and therapeutics. This knowledge is increased further for Pharm.D. candidates by the addition of Advanced Pharmacotherapeutics in the last semester of didactic coursework.

3. The addition of physical assessment for both B.S. and Pharm.D. candidates. Since pharmacists monitor the progress of drug therapy, such a course is deemed essential for all graduates.

Therefore, both curricula reflect our commitment to clinical pharmacy education. Both B.S. level and Pharm. D. level Clerkships will be similar in terms of goals and objectives. However, there is a difference in expectations placed on certain performance, depending on the degree category of the student. To facilitate instruction and evaluation, every effort is made to group similar degree category students.

It is anticipated that the Pharm.D. graduate will enter a practice which has a high demand for clinical skills. To this end, the Pharm.D. curriculum has an additional semester of clinically relevant didactic coursework as well as an additional semester of specialized clinical clerkships. Thus, these graduates should be especially competent in monitoring drug therapy in a variety of practice settings.

Although the B.S. curriculum has a considerable amount of clinically oriented coursework and clerkships, the graduate of this program is not expected to enter a practice which requires a high level of clinical skills. Instead, the B.S. graduate is expected to enter a generalized pharmacy practice setting which requires skills in drug distribution and pharmacy management as well as clinical pharmacy. The clinical expertise of these graduates is sufficient for general practice but needs further development for practices which are primarily devoted to in-depth drug monitoring and drug utilization reviews.

THE POSTGRADUATE DOCTOR OF PHARMACY PROGRAM

In addition to the full-time entry-level Pharm.D. degree curriculum, the College also offers the Postgraduate Doctor of Pharmacy program to practicing professional pharmacists.

Many pharmacists are highly skilled health care professionals worthy of a professional doctorate degree. We have designed a program to assist pharmacists to grow in their capacity while earning a Pharm.D. degree. The program will help pharmacists prepare for the role they will perform by the year 2000 and beyond.

SECOP offers a campus-based program for B.S. pharmacists seeking a Pharm.D. degree. This approach has distinct advantages over many external degree programs. Courses are taught in person by highly qualified faculty, allowing the full benefit of interaction and feedback. Students have access to the medical/pharmaceutical library, computer room, and other learning resources.

We have developed an outstanding program which provides an education with an advanced degree. While the program is uncompromising in quality, it is highly flexible, and geared to meeting the needs of the working pharmacist. Courses are offered in the evening so students can vary their course load according to their work schedule.

A recent survey identified lack of time for clinical clerkships as one of the biggest problems confronting pharmacists seeking the Pharm.D. degree. While the SECOP program includes clinical clerkship requirements, these may be taken in one-month blocks and some may be completed on a part-time basis. In addition, some credit may be extended for documented appropriate life experiences when pharmacists have practiced in a clinical setting for a sufficient time. Although the one-month, full-time clerkship modules do not have to be taken in succession, all pharmacists entering the program should be prepared to complete 5 one-month modules on a full-time basis over the course of 2-3 years.

Applicants for this program must be graduates of a college of pharmacy which is accredited by the American Council of Pharmaceutical Education. They must have graduated with a grade point average of at least 2.0 on a 4 point scale. They must also be in good standing with the board of pharmacy in Florida or another state in the nation.

COURSE OF STUDY POSTGRADUATE DOCTOR OF PHARMACY PROGRAM

The curriculum is planned so the first year is devoted to advanced pathophysiology and analytical skills. Experimental design and statistics as well as the interpretation of biopharmaceutic and laboratory data are offered for the first year. The skills gained through the second year's courses should enable students to perform at a higher level in the monitoring of drug therapy.

Upon completion of these 24 semester hours of coursework, the student is prepared to pursue the clinical clerkship portion of the curriculum. This is a full-time experience, one academic year in length, for those students who have had little, if any, clinical experience. Students possessing considerable clinical experience may receive credit for some of their life experiences and will not pay full tuition for the clinical clerkship. However, a minimum tuition of \$2,500 will be charged for clerkships regardless of the amount of life experience credits granted.

A fully committed part-time student would take two courses per semester. At this rate, the didactic portion of the curriculum will be completed in two years. Students may also pursue coursework at a slower rate. The slowest rate would be to take one course per semester requiring four years to complete the didactic portion of the curriculum. It is anticipated that a number of students will complete the program of study at an intermediate rate which is three years for the didactic work. No more than 5 years should lapse between the beginning of coursework and the beginning of the full-time clinical clerkship. No more than 7 years should lapse between the beginning of didactic work and the completion of all clerkship requirements.

CURRICULUM OUTLINE

SEMESTER 1

Year 1

Advanced Pathophysiology I	3
Experimental Design & Statistics	4
Credits	7

Year 2

Advanced Therapeutics I	3
Physical Assessment	2
Credits	5

Year 3

Clerkship III - A	3.5
Clerkship III - B	3.5
Clerkship III - C	3.5
Clerkship III - D	3.5
Credits	14

SEMESTER 2

Advanced Pathophysiology II	3
Interpretation of Biopharmaceutic & Laboratory Data	4
Credits	7

Advanced Therapeutics II (Minority & Geriatric Populations)	4
Drug Literature Evaluation	2
Credits	6

Clerkship II (I.M.)	3.5
Clerkship II (AMB)	3.5
Clerkship II (GER)	3.5
Clerkship II (D.I.)	3.5
Credits	14

The Postgraduate Pharm. D. program features a flexible schedule of courses. First year students may register for two courses per term, attending class one night per week for each course. Students may elect to proceed at a slower pace, completing only one course per semester. However, all courses in the first year block should be completed before proceeding to the courses in the second year block.

It is anticipated that students might receive credit for some life experience and that a portion of clerkship may therefore be waived. A few clerkships might be offered on a part-time basis and the clerkship modules do not have to be completed in succession.

CLERKSHIP

SECOP desires to provide contemporary and innovative practice experiences to its students during their educational program.

To accomplish this goal, off-campus pharmacy practice environments are utilized extensively to provide hands-on experiences in the Externship and Clerkship programs. The affiliated practice sites are within the Greater Miami/Ft. Lauderdale area. Hospital, community, chain, nursing home and other specialty pharmacy practice environments will provide the student with opportunities to interact with patients and other health care providers in the provision of pharmacy services. The emphasis of experiences will be the application of didactic knowledge and skills in a non-laboratory, patient-care setting under the supervision and direction of the clinical faculty appointed by the College.

OBJECTIVES

The Program has a number of broad-based objectives. As the student progresses through the various phases of the program, the foundations and experiences are carefully organized so that the student can demonstrate:

1. A comprehensive knowledge of pathophysiology, therapeutics, pharmacokinetics, toxicology and pharmacy.
2. An ability to observe and analyze the signs and symptoms of disease, with emphasis on monitoring drug therapy.
3. An ability to develop and expand an adequate data base from such sources as the patient, the medical chart, and other health practitioners.
4. An ability to identify, organize, and present an assessment of the patient's problems.
5. An ability to design a therapeutic plan based on patient-specific information.
6. An ability to solve drug therapy problems by implementing appropriate changes in the drugs used and/or the dosage regimen.
7. An ability to monitor and assess therapeutic and adverse effects of drug therapy through the selection of physical and laboratory parameters.
8. An ability to manage the patient's drug therapy.
9. An ability to effectively communicate verbally and in writing, and to develop a relationship with patients, peers, and other health practitioners.
10. An ability to comprehend, critically evaluate, and utilize the drug literature.
11. An understanding of research methods used to implement drug therapy research.
12. A sense of personal responsibility to patients for their drug therapy.

Biochemistry

Chairman & Professor: K.H. Woodside; **Associate Professor:** E.E. Groseclose; **Assistant Professor:** E.O. Keith

BIOCHEMISTRY

(4 C.H.) 60 Hours

The structures, functions, and metabolism of lipids, proteins, carbohydrates and nucleic acids will be followed by a detailed consideration of coagulation, muscle, connective tissue, cancer, digestion and absorption, nutrition, and endocrinology. Pharmaceutical applications of this material will be included.

Microbiology

Chairman & Professor: H.E. Laubach; **Adjunct Professor:** G. Kucker; **Associate Professor:** J. Hada; **Assistant Professor:** S.D. Obenauf

MICROBIOLOGY

(3 C.H.) 48 Hours

A study of the fundamental principles underlying the nature of infectious microorganisms. Special emphasis is placed on cause, prevention and control of infectious diseases. Topics include immunology, mycology, parasitology, bacteriology and virology. Laboratory exercises cover identification of microorganisms and antibiotic testing.

Pharmacy Administration

Chairman & Associate Professor: P. Magalian; **Professor:** W.D. Hardigan; **Adjunct Professor:** M.J. Carvajal; **Associate Professors:** E.H. Clouse, E.S. Jaffry

HARMACY MANAGEMENT I

(2 C.H.) 30 Hours

An application of business, economic and management principles in community and institutional pharmacy environments. Basic principles of management will be discussed and students will participate in the activities of an established organization and in a community pharmacy operations simulation.

HARMACY MANAGEMENT II

(2 C.H.) 30 Hours

A continuation of Pharmacy Management I with emphasis on managing an organization.

GENERAL EDUCATION I

(3 C.H.) 45 Hours

Rotating topics of behavioral and social sciences.

HARMACY MARKETING/HEALTH CARE DELIVERY

(2 C.H.) 30 Hours

This course consists of an overview of the health care delivery system as well as specific aspects of pharmaceutical marketing. Special emphasis is placed on the role that pharmacists play in dealing with the general public and pharmaceutical industry.

GENERAL EDUCATION II

(3 C.H.) 45 Hours

A continuation of General Education.

HARMACY LAW

(3 C.H.) 45 Hours

This course covers the Federal and State statutes, rules and regulations which affect the various aspects of pharmacy practice as well as selected aspects of general laws. Special emphasis is placed on interpretation of those laws primarily affecting the practice of Community and Institutional Pharmacy.

EXPERIMENTAL DESIGN AND STATISTICS

(4 C.H.) 60 Hours

Fundamental principles of statistics and experimental design.

Pharmaceutical Sciences

Acting Chairman : P. Magalian; **Associate Professor:** J. Triplett; **Assistant Professors:** A.V. Athani, D.M. Gazzzi, S. Narayan, T. Oh; **Adjunct Assistant Professors:** G. Dallin, M. Jiminez, D. Laveroni, J. Clark, A. Aviles, R. Zlamal; **Instructor:** R. Finkel; **Adjunct Instructors:** E. Moore, P. McGrail, C. Valdes.

PHYSICAL PHARMACY (3 C.H.) 45 Hours

The theory and application of physiochemical principles to pharmaceutical systems.

PHARMACODYNAMICS I (3 C.H.) 45 Hours

A study of the physio-chemical properties of drugs and principles of drug actions, disposition, metabolism, and analysis. Special attention is given to drugs acting on the peripheral nervous system.

PHARMACOKINETICS (4 C.H.) 60 Hours

A discussion of the mechanisms and rates of absorption and disposition of drugs.

PHARMACODYNAMICS II (4 C.H.) 60 Hours

A continuation of Pharmacodynamics I with emphasis on cardiovascular agents, drugs affecting the endocrine system, autocooids and antithrombotic, anticoagulant and thrombolytic agents.

PHARMACODYNAMICS III (6 C.H.) 90 Hours

A continuation of Pharmacodynamics II with special emphasis on drugs acting on the central nervous system, vitamins and minerals.

PHARMACEUTICS (3 C.H.) 75 Hours

Continuation of Physical Pharmacy with an emphasis on basic and applied concepts of pharmaceutical dosage form design to dosage and regimen.

PHARMACODYNAMICS IV (3 C.H.) 45 Hours

A continuation of Physical Pharmacodynamics III with emphasis on antimicrobial agents, antiparasitic agents, antineoplastic agents, locally active agents, biologicals and diagnostic agents. This course also focuses on toxicology.

PRESCRIPTION PRACTICE (3 C.H.) 90 Hours

The application of scientific, legal and ethical principles to the compounding and dispensing of medicinal agents used in modern medical practice. The analysis, interpretation and evaluation of prescription products in various forms is also included.

INTERPRETATION OF BIOPHARMACEUTIC AND LABORATORY DATA (4 C.H.) 60 Hours

An introduction to physiochemical and biological parameters influencing drug action. Variables in formulations and physiological considerations are examined in terms of their effect upon the absorption, distribution, metabolism and excretion of medicinal agents. Also included is the interpretation of laboratory data and its effect on prescribing.

Pharmacy Practice

Chairman & Associate Professor: S.A. Swigart; **Assistant Professors:** C.A. Blumenthal, G. Campo, C.C. da Camara, L. Dezial-Evans, T. Ellington, L. Frenzel-Shepherd, H.A. Skluth

PHARMACY CALCULATIONS**(1 C.H.) 30 Hours**

A systematic study of the fundamental mathematical principles employed and problems commonly encountered in the compounding and dispensing of pharmaceutical preparations.

THERAPEUTICS I**(4 C.H.) 60 Hours**

Principles and application of rational pharmacotherapeutics for various disease states, including drug selection and monitoring of drug therapy. Influences of therapy will include, wherever applicable, culturally derived health benefits and practice, age-related issues relating to appropriate drug therapies.

THERAPEUTICS II**(4 C.H.) 60 Hours**

Continuation of Therapeutics I with specific emphasis on infectious, neoplastic and rheumatic diseases. Additional topics such as contraceptives, drug abuse, hospice, and pain management are also covered.

PHYSICAL ASSESSMENT**(2 C.H.) 30 Hours**

This course focuses on clinical laboratory procedures, data interpretation, patient interviewing techniques, patient progress charting and medication profiling. Drug induced problems and patient advisement are also included.

DRUG LITERATURE EVALUATION**(2 C.H.) 30 Hours**

A study of prominent sources of drug information, principles of drug literature evaluation and experience in answering drug information questions and analyzing and evaluating drug literature and advertising.

ADVANCED PHARMACOTHERAPEUTICS**(6 C.H.) 90 Hours**

An advanced continuation of therapeutics focusing on topics which present difficult therapeutic challenges and newly emerging therapeutic modalities.

INTERNSHIP I**(7 C.H.) 320 Hours**

An eight week off-campus rotation in a supervised community pharmacy environment. These rotations promote the application of didactic knowledge in non-simulated environments, development of competencies in pharmacy practice and further development of communication skills. The emphasis of this full-time (40hr/wk) rotation is on the distributive and management aspects of pharmacy practice.

INTERNSHIP II**(7 C.H.) 320 Hours**

An eight week off-campus rotation in a supervised hospital pharmacy environment. These rotations promote the application of didactic knowledge in non-simulated environments, development of competencies in pharmacy practice and further development of communication skills. The emphasis of this full-time (40 hr/wk) rotation is on the distributive and management aspects of pharmacy practice.

ADVANCED THERAPEUTICS I**(3 C.H.) 45 Hours**

This discusses the principles and application of rational pharmacotherapeutics for various disease states, including drug selection and monitoring of drug therapy. Influences of therapy will include, wherever applicable, culturally derived health benefits and practice, age-related issues and current issues relating to appropriate drug therapies. This course is designed for the Postgraduate Pharm.D. student.

ADVANCED THERAPEUTICS II**(4 C.H.) 60 Hours**

Continuation of Advanced Therapeutics I with specific emphasis on infectious, neoplastics and rheumatic diseases. Additional topics such as contraceptives, drug abuse, hospice, and pain management are also covered. The course is designed for the Postgraduate Pharm.D. student.

CLERKSHIP I

Four modules comprise Clerkship I; They are Ambulatory Care, Drug Information, Geriatric Care and Internal Medicine. Each of these consists of four week, full-time (40hr/wk) off-campus rotations in a supervised pharmacy practice environment emphasizing the nondistributive, clinical aspects of pharmacy practice. These rotations promote the application of didactic knowledge, the development of competencies in pharmacy practice and enhancement of the student's knowledge of therapeutic management.

AMBULATORY CARE**(3.5 C.H.) 160 Hours**

The focus of activities will include interaction with ambulatory patients. Students will actively participate as members of the health care team to encourage rational drug therapy through extensive patient and monitoring. Additionally, students are encouraged to obtain medical and drug information directly from the patient in the form of an interview.

DRUG INFORMATION**(3.5 C.H.) 160 Hours**

Students will actively participate in drug information retrieval, formulation of responses, preparation of drug evaluations, inservices, cost-containment studies, drug utilization evaluations and any other aspects of drug information to other health care practitioners or the lay public.

GERIATRIC CARE**(3.5 C.H.) 160 Hours**

The focus of activities will be on the differences in providing care for the elderly as opposed to younger individuals. Students will actively participate as members of the health care team to develop effective, least toxic and most economical pharmacological therapeutic regimens in the area of geriatric pharmacotherapy.

INTERNAL MEDICINE**(3.5 C.H.) 160 Hours**

Activities will revolve around the most commonly encountered chronic diseases such as hypertension, congestive heart failure, diabetes, renal failure, etc. Students will actively participate as members of the health care team to develop effective pharmacological therapeutic regimens.

CLERKSHIP II

Four modules comprise Clerkship II. Each of these consist of 160 hours, as Clerkship I, and focuses on the same general areas. However, these Pharm.D. level rotations promote the application of didactic knowledge, the development of competencies in pharmacy practice, and enhancement of the student's knowledge of therapeutic management.

AMBULATORY CARE**(3.5 C.H.) 160 Hours**

An advanced therapeutic management of Ambulatory Care in Clerkship I.

DRUG INFORMATION**(3.5 C.H.) 160 Hours**

An advanced therapeutic management of Drug Information in Clerkship I.

GERIATRIC CARE**(3.5 C.H.) 160 Hours**

An advanced therapeutic management of Geriatric Care in Clerkship I.

INTERNAL MEDICINE**(3.5 C.H.) 150 Hours**

An advanced therapeutic management of Internal Medicine in Clerkship I.

CLERKSHIP III A-D**(14 C.H.) 640 Hours**

There will be four clerkships in this sequence, each of them 3.5 Credit Hours of 160 clock hours. Each 160 hour off-campus rotation in a supervised pharmacy practice environment emphasizes the nondistributive, clinical aspects of pharmacy practice in a specialty area.

Specialty rotations may include: pharmacokinetics, infectious disease, total parenteral nutrition, psychopharmacy, pediatrics, rheumatology, surgery, cardio thoracic surgery, critical care, cardiology, neonatology, immunology and clinical research where available.

Physiology

Chairman & Professor: H.J. Lyons; **Associate Professor:** B. Sturbaum; **Assistant Professor:** C.J. Woody

ANATOMY AND PATHOPHYSIOLOGY I (5 C.H.) 50 Hours

This course is designed to provide the student with a study of the basic disease processes with emphasis on functional changes and the supporting nomenclature and terminology. It also serves as a prerequisite for a course in therapeutics. The areas included are body fluids, cell structure and function, biophysics, cell injury and neoplasia, tissues, skin skeletal and muscle systems, nervous system, and hematology and immunology. Each area is addressed from the standpoint of basic physiology as well as the disease processes.

ANATOMY AND PATHOPHYSIOLOGY II (5 C.H.) 80 Hours

A continuation of Anatomy and Pathophysiology I. The areas covered are cardiovascular, respiratory, renal, gastrointestinal, metabolism, endocrine, and reproduction.

ADVANCED PATHOPHYSIOLOGY I (3 C.H.) 48 Hours

This course is designed for post-graduate, Pharm.D. students to study the physiological concepts needed for the understanding of the disease processes. In this course cellular physiology, neurophysiology, hematology and immunology and cardiovascular physiology are presented along with pertinent disorders in each area.

ADVANCED PATHOPHYSIOLOGY II (3 C.H.) 48 Hours

A continuation of Advanced Pathophysiology I. Areas studied include respiratory physiology, renal physiology, digestion and metabolism, endocrine and reproductive physiology, and infectious diseases.

EXTERNSHIP/CLERKSHIP SITES

The following institutions are affiliated with SECOP for experiential education:

Allen Drugs
South Miami, FL 33155

Artist Hospital
Miami, FL 33176

Ascom Palmer Eye Institute
Miami, FL 33101

Bay Pines V.A. Medical Ctr.
Bay Pines, FL 33504

Cooca Raton Community Hospital
Cooca Raton, FL 33432

Crickell Pharmacy
Miami, FL 33131

Howard Family Health Center
Southeastern University
Lauderdale, FL 33312

Howard General Hospital
Lauderdale, FL 33021

Madget Pharmacy
Miami, FL 33125

Maple Coral Hospital
Maple Coral, FL 33125

Medars Medical Center, Inc.
Miami, FL 33125

Miller Pharmacy
Petersburg, FL 33710

Oral Reef Hospital
Miami, FL 33157

Oral Springs Med. Ctr.
Oral Springs, FL 33065

Doctors Hospital
Hollywood, FL 33020

Druggist
Pembroke Pines, FL 33024

Eckerd Drugs
Miami, FL 33145

Enteral & Parenteral Support
Sunrise, FL 33321

Family Health Center Pharmacy
Southeastern University
Opa Locka, FL

Federal Discount Pharmacy
North Miami, FL 33161

Florida Medical Ctr.
Ft. Lauderdale, FL 33021

Green Briar Nursing Home
Miami, FL

H. Lee Moffit Cancer Ctr.
Tampa, FL 33612

Harrington's Prof. Arts Ph'cy
Naples, FL 33940

Healthcare Discount Pharmacy
North Miami Beach, FL 33180

Hollywood Medical Center
Hollywood, FL 33021

Holy Cross Hospital
Ft. Lauderdale, FL 33308

Humana Hospital Biscayne
Miami, FL 33180

Humana Hospital Cypress
Pompano Beach, FL 33060

Imperial Point Medical Center
Ft. Lauderdale, FL 33308

Insta Care Pharmacy
Miami Lakes, FL

Jackson Memorial Hosp.
Miami, FL 33136

James A. Haley V.A. Medical Ctr.
Tampa, FL 33612

J.F.K. Medical Ctr.
Atlantis, FL 33462

Kendall Regional Med. Ctr.
Miami, FL 33175

Leader Drug Store, Inc.
Hollywood, FL 33020

Mega Pharmacy
Miami, FL 33172

Memorial Hospital
Hollywood, FL 33021

Mercy Hospital
Miami, FL 33133

Mercy Professional Pharmacy
Miami, FL 33133

Miami Childrens Hospital
Miami, FL 33155

Miami Heart Institute
Miami Beach, FL 33140

Miami Jewish Home and Hospital
Miami, FL 33137

Milton Medical & Drug Co.
Miami Beach, FL 33139

Motel Pharmacy
North Miami Beach, FL

Mt. Sinai Medical Center
Miami Beach, FL 33140

My Pharmacy
Miami, FL 33176

NMC Infusion Care
Deerfield Beach, FL 33442

Naples Community Hospital
Naples, FL 33940-5791

North Ridge General Hosp.
Ft. Lauderdale, FL 33334

North Shore Medical Ctr.
Miami, FL 33150

Option-Care
Miami, FL 33169

Palm Beach Co., Human Svc., Phcy.
West Palm Beach, FL 33401

Palmetto General Hospital
Hialeah, FL 33016

Parkway Hospital
Parkway Regional Medical Center
North Miami Bch., FL 33162

Pharmacy Corp. of America
Boynton Beach, FL 33435

Pharmacy Dynamics, Inc.
Miami Lakes, FL 33014

Pharmacy of Bay Harbor, The
Bay Harbor Islands, FL 33154

Pill Box Pharmacy
Pembroke Pines, FL 33026

Plantation General Hospital
Plantation, FL 33317

Haste Surgical and Pharmacy
wood, FL 33021

cription Drug Foundation
Miami Beach, FL 33162

-Dose/Town Drug
wood, FL 33020

OM Clinic Pharmacy
auderdale, FL 33312

OP Drug Information Center
Miami Beach, FL 33162

h Miami Hospital
h Miami, FL 33143

Park Pharmacy
al Gables, FL 33143

thwest FL Regional Med. Ctr.
Myers, FL 33901

Sunrise Systems, Inc.
Ft. Laud., FL 333201

The Chemist – Promenade Shops
N. Miami Beach, FL 33180

United Prescription Ctr.
Hollywood, FL 33021

Veteran's Admin.
Miami, FL 33125

Villa Maria/Bon Secours Phcy.
No. Miami, FL 33161

Wellington Regional Hospital
West Palm Beach, FL 33414

West Boca Medical Ctr.
Boca Raton, FL 33428

West Gables Rehab Hospital
Miami, FL 33155

STUDENT ORGANIZATIONS

Academy of Students of Pharmacy

The Academy of Students of Pharmacy (ASP) is the student branch of America's largest and oldest association of pharmacists, the American Pharmaceutical Association (APhA). This pharmacy organization is also the only one that represents all practice settings and, at present, has more than 10,000 student members attending the 74 schools and colleges of pharmacy across the country. ASP has equal representation within the organization and has its own standing committees on education programs, publications, awards, and policy. At the local level, student members can participate in service projects that benefit both the college and the community as well as social activities that foster school spirit. Any pharmacy student can be a member of ASP and still be eligible for participation in any other campus organization.

Rho Chi

The fundamental objective of Rho Chi has always been to promote the advancement of the pharmaceutical sciences through the encouragement and recognition of sound scholarship. High standards of intellectual and scholarly attainments have been demanded for election to membership.

Rho Chi, like its sister honor societies, seeks to increase the awareness of the ethical and social responsibilities of the profession, and thereby to enhance the prestige of the profession.

Phi Lambda Sigma

The purpose of Phi Lambda Sigma, the national Pharmacy Leadership Society, is to promote the development of leadership qualities in pharmacy, especially among pharmacy students. By peer recognition, the Society encourages participation in all pharmacy activities. Membership crosses fraternal and organizational lines and, therefore, the Society does not compete with any other organization.

Alpha Zeta Omega

Alpha Zeta Omega is a professional Pharmaceutical Fraternity. The main focus of the fraternity lies within the areas of sociability, competition, scholarship, leadership and varied interests in the profession of pharmacy. The SECOP Undergraduate Chapter is known as Psi Chapter.

Phi Delta Chi

Phi Delta Chi fraternity is an association formed to advance the science of pharmacy and to foster a fraternal spirit among its members. Being a member is a lifelong experience which promotes scholastic, professional, and social growth in order to advance pharmacy. Each member serves the public health and has a goal to be a leader in pharmacy.

Rho Pi Phi International Pharmacy Fraternity

Rho Pi Phi International Pharmacy Fraternity is a co-ed, non-sectarian, professional pharmacy fraternity. The fraternity was founded with the ideals that a pharmacy fraternity should be open to all pharmacy students regardless of sex, age, race or religion, and it follows those ideals even today. Members of Rho Pi Phi work in various practice settings including hospital, community, government, industry, education, alternative care-settings professional associations, and more.

COLLEGE OF PHARMACY

Class of 1991

- ebra Gail Angelo** – Youngstown, OH
Broward Community College
- nelia M. Arias** – Hialeah
B.S. – St. Thomas University
- rne-Marie Sharon Baugh-Taffe** – Miami
A.A. – DeKalb Community College
- egina Behar** – Miami Beach
Barry University
Miami-Dade Community College
- inice Cason-Boehm** – Sunrise
A.A. – Florida State University
- oseph Thomas Brown** – Hollywood
A.A. – Miami-Dade Community College
- ina Marie Castellano** – Tampa
A.A. – University of Florida
- obert Joseph Colosimo** – Pembroke Pines
A.A. – Broward Community College
B.S. – Florida Atlantic University
- eborah Lynn Cook** – Temple Terrace
A.A. – University of South Florida
- na Marie de la Huerta** – Miami
A.A. – Miami-Dade Community College
- William Paul English** – Sunrise
California State University
Los Rios
Broward Community College
- ames Fiore** – Ft. Meyers
A.A. – Edison Community College
- laria Elizabeth Gazzola** – North Miami
each
A.A. – American University
- oberto Gonzalez** – Miami
A.A. – Miami-Dade Community College
- imone Mary Greenstein** – Plantation
A.A. – Broward Community College
- laria Josefa Gomez Hernandez** – Miami
A.A. – Miami-Dade Community College
B.S. – University of Florida
- raig Alan Lowy** – North Miami Beach
University of Miami
Broward Community College
University of Florida
- Howard Maltz** – Miami Beach
B.S. – Long Island University – College
of Pharmacy
- Gloria Mayo** – Tampa
A.A. – University of South Florida
- Ivan Moraguez** – Miramar
A.A. – Miami-Dade Community College
- Ann Nestor** – Coral Gables
A.A. – Miami-Dade Community College
- Lisa A. Norio** – Palm Beach Gardens
A.S. – Palm Beach Community College
A.A. – Palm Beach Community College
- Monica Theresa Olejnik** – Boca Raton
Broward Community College
University of Miami
- Ayse Celikel Ozdamar** – Miami
B.S. – Hacettepe University College of
Pharmacy, Ankara, Turkey
M.S. – Hacettepe University College of
Pharmacy, Ankara, Turkey
- Randal Wayne Phillips** – Davie
B.S. – University of Florida
- Isabel Polo** – N. Miami
University of Miami
- Emilia Cambo Ponce** – Miami
A.A. – Miami-Dade Community College
- Marcelo Luis Prieto** – Davie
B.S. – University of Houston College of
Pharmacy
- Walda Riggott** – Miami
A.A. – Miami-Dade Community College
- Charles Thomas Robertson** – Deerfield
Beach
B.S. – Virginia Tech.
- Jose A. Rodriguez** – Ft. Lauderdale
A.A. – Broward Community College
- Juan Carlos Rodriguez** – Hialeah
A.A. – Miami-Dade Community College
B.S. – University of Florida
- Nina Ann Schleifman** – Miami Beach
Rockford Community College
State University of New York
University of North Carolina

William Joseph Shaheen – North Miami Beach
St. Thomas University

Matthew J. Sikler – Plantation
Broward Community College

Brenda Jo Simmons – Miami
A.A. – University of Florida
B.S. – University of Florida

Daisy Souto – Tampa
A.A. – University of South Florida

Russell Karl Stoltman – West Palm Beach
B.A. – Wayne State University

Gina DeAnn Tackett – Plantation
A.A. – Broward Community College
B.A. – Florida Atlantic University

Ann Marguerite Valenti – Tampa
Hillsborough Community College
Florida State University

Rosa Lydia Villavicencio – Miami
A.A. – Miami-Dade Community College

Jodi L. Visi – Deerfield Beach
B.S. – West Liberty State College

Barbara Marie Wing – Tampa
A.A. – University of South Florida

Jorge L. Zuloaga – Miami Beach
A.S. – Miami-Dade Community College

Pharmacy D. – Class of 1992

Irvin Alfonso – Hialeah Gardens
A.A. – Miami-Dade Community College

Olga Alujas – Miami
B.A. – Florida International University

Suheir Ashchi – North Miami Beach
Florida International University

Sharon A. Bujnicki – Pembroke
A.A. – Broward Community College

Suzanne Burgos – Miami Beach
B.S. – Northwestern University

Sylvia Camacho – Hialeah
A.A. – Miami-Dade Community College

Murray H. Cohen – Ft. Lauderdale
B.A. – University of Maryland

Rolando A. Croney – Miami
B.A. – St. Thomas University

Sharon R. Reizner – Miami
Florida International University

Satpal Sautman – Hollywood
Broward Community College

Janine F. Scarborough – Sarasota
B.A. – Emory University

Dorinda Segovia – Hialeah
A.A. – Miami-Dade Community College

Andriette C. Cruz – Miami
A.A. – Miami-Dade Community College

Olga M. Estrada – Miami
B.A. – Florida International University

Michelle Gerard – Naples
A.A. – Eckerd Community College

Anita J. Gillam – Hollywood
B.A. – University of South Florida

Wan-Ping L. Kam – Tampa
B.A. – University of South Florida

Christine A. Kaminski – Tampa
University of South Florida

Beata Kowalski – Miami
University of Wisconsin
University of Florida

Belkys Lezcano – Hialeah
A.A. – Miami-Dade Community College

Teresita Martins – Miami
Miami-Dade Community College
Florida State University

Hortensia G. Mendez – Hialeah
Miami-Dade Community College

Melissa Anne Paniello – Tampa
A.A. – University of Florida

neha B. Patel – Orlando
A.A. – Valencia Community College

aul L. Pino – Miami Beach
A.S. – Miami-Dade Community College
B.S. – University of Miami

ene Portales – Tampa
A.A. – University of South Florida

arol G. Raschke – Miami
Florida International University

Julia L. Rebmann – Plantation
A.A. – Broward Community College
B.S. – Florida Atlantic University

Ference A. Sipos – Pembroke Pines
University of Miami

Tova Strauss – Coral Springs
B.A. – Hunter College

Tracy W. Whitmer – Pompano Beach
A.A. – Dutchess Community College

B.S. –Class of 1992

Iarc Alexander - North Miami Beach
Florida International University

delina Alvarez - Hialeah
A.A. - North Dade Community College

loel Auerbach - North Miami Beach
Florida International University

ickey Barnes - Miami
B.S. - Florida A&M University

hristi Branch - Fort Lauderdale
Broward Community College

erald Buller - Warner Robins, GA
A.A. - Macon College

harlyn C. Chen - Vero Beach
Florida Atlantic University

ohn Patrick Conn – Opa Locka
A.A. – Miami-Dade Community College

ohn T. Connors - Ft. Lauderdale
A.A. - Gloucester County College
B.S. - Glasboro State College

haron Cretsinger - Punta Gorda
Edison Community College

obin Dean – Ft. Myers
A.A. – Edison Community College

ayden Durhan - Fort Lauderdale
A.A. - Broward Community College

essam Sam Eftekhart - Miami
Miami Dade Community College

laira Ines Garcia – Miami Lakes
Miami-Dade Community College

Michael Meadows Gaskin – Satellite Beach
A.A. – Brevard Community College

Barbara Gup - Hollywood
B.S. - Old Dominion University

Patrick Haro - Pembroke Pines
A.A. - Broward Community College

Faribe J. Hejazi – Palm Beach Gardens
Palm Beach Junior College

Enrique Hernandez - Miami
A.A. - Miami Dade Community College

Lily Hui - Miami
A.S. - Miami-Dade Community College
B.S. - Barry University

John Emery Hyman - North Lauderdale
A.A. - Shoreline Community College
B.S. - University of Washington

Pedro Jimenez - Miami
Florida International University

Patricia A. Jones – Hollywood
B.S. – Florida A&M University

Gisselle Lambert - Hialeah
A.A. - Miami Dade Community College

Bossy Joseph - Cooper City
B.S. - University of Kerala
M.S. - University of Kerala

Kenneth Michael Kilby - Lantana
A.A. - Palm Beach Community College

Susan Lee - Hialeah
A.A. - Miami Dade Community College

- Joy John Marcus** - North Miami
 A.A. - Anderson Junior College
 B.S. - University of South Carolina
 M.S. - St. Thomas University
- Karen Denise McLin** - Plant City
 A.A. - Hillsborough Community College
- Joel Michel** - Miami
 Centre D'Accueil - Port-Au-Prince
- Ana Lourdes Morales** - Miami Beach
 Miami Dade Community College
- Ana Laura Morfa-Belaval** - Hollywood
 A.A. - Broward Community College
- Margarita Navarrete** - Miami
 Florida International University
- Marie Osteen** - Davie
 A.A. - Broward Community College
- Christopher Past** - Goshen, KY
 B.A. - University of Louisville
- John Paul Rowley, II** - Ft. Myers
 University of Florida
- Lori A. Schuster** - Hollywood
 A.A. - Broward Community College
- Jihan M. Suliman** - St. Petersburg
 B.S. - School of Pharmacy - Alexandria,
 Egypt
- Robert Schwartzman** - Hallandale
 B.A. - Emory University
- Michelle Spittler** - Ft. Pierce
 A.A. - Hillsborough Community College
- Sheela Georgy Varughese** - Sunrise
 B.S. - University of Kerala
- Richard Weiner** - Lake Worth
 A.A. - Palm Beach Community College
 B.A. - Florida Atlantic University
- Richard Williams** - Miami
 B.S. - Morris Brown College
- Armando Wong** - Miami
 A.A. - Miami Dade Community College
 B.S. - University of Miami
- Charles Zuza** - Hollywood
 Broward Community College

Class of 1993

- Cynthia Akamune** - North Miami Beach
 B.S. - University of Benin, Nigeria
- Berekti Ashgedon** - Miami
 A.A. - College of Boca Raton
 B.A. - Florida International University
- Elena Marie Avello** - Coconut Creek
 Broward Community College
- Uyen-Ly, Bui** - Plantation
 University of Florida
- Yehia Dallal** - Deerfield Beach
 Broward Community College
- Bela Dattani - Orlando**
 A.A. - Seminole Community College
- Gary DiPatrizio** - Miami
 University of South Florida
- Steven Flamenbaum** - Hallandale
 Broward Community College
- Lisa Dawn Heslin** - Miramar
 Broward Community College
- Steffie Hoff** - Pembroke Pines
 A.S. - St. Petersburg Junior College
- Charles Howe, III** - Miami
 B.S. - University of Miami
- Robina Janota** - Boca Raton
 Florida Atlantic University
- John Jansen** - Amsterdam, Netherlands
 B.S. - University of Amsterdam
- Mercy Joseph** - Bartow
 A.A. - Polk Community College
- Saeed Khayyami** - Ft. Lauderdale
 B.S. - Massachusetts College of
 Pharmacy
 M.S. - Northeastern University
- Anthony Madpak** - Ontario, Canada
 B.S. - University of Sashatoon

Jacqueline Milton - Largo
A.A. - St. Petersburg Junior College

Thomas Mobley - Margate
B.A. - University of Southern Florida

Robin Oxley - Virginia Gardens
A.A. - University of Florida

Maria Perez-Arias - Miami
A.A. - Miami Dade Community College

Rapanika Pongsivapai - North Miami Beach
Miami Dade Community College

Jeffrey Quedado - Jacksonville
B.S. - Florida State University

Laura Raymond - Coral Springs
A.A. - Broward Community College
B.S. - Florida State University

Hilerie Robertson - Hollywood
Broward Community College

Soha Salami - Miami
A.A. - University of Florida

Denise Schmitt - Boca Raton
Catholic University of America

Andrea Texiera - Coral Springs
A.A. - Florida State University

Caterina Tremblay - Fort Lauderdale
B.S. - Florida International University

Mukesh Vakharia - Cooper City
B.S. - University of Bombay

Class of 1994

Ricardo A. Acra - Miami
B.S. - University of Illinois

Catherine V. Barbeite - Miami
A.A. - Miami-Dade Community College

Stanley Alli - N. Miami
B.A. - State University of New York

Mehnaz Amin - Miami
A.A. - Miami-Dade Community College

Shilpa Thakor Amin - Tampa
A.S. - Hillsborough Junior College
B.S. - Gujarat University

Phillip Gary Bauml - Lyndhurst, OH
B.A. - University of Cincinnati

Enrique Beguiristain - Hialeah
Miami-Dade Community College

Isabelle Pearl Bekerman - N. Miami Beach
A.A. - Florida International University

Therese Beliard - Miami
Miami-Dade Community College

Wilfredo O. Bracerias - Miami
Florida International University
Miami-Dade Community College

Christiana M. Brand - Hialeah
Miami-Dade Community
University of Miami

Yamil Cabrera - Miami
A.A. - Miami-Dade Community College

Denise Garcia Cano - Tampa
B.A. - University of South Florida

Gina Beth Carter - Lexington, KY
B.S. - University of Kentucky

Toni Elaine Catone - Miramar
B.A. - Florida International University

John Andrew Coleman - Miami
A.A. - Miami-Dade Community College

Lisa Robin Colodny - Pembroke Pines
A.A. - Broward Community College

Yamile Coto - Hialeah
A.A. - Miami-Dade Community College

Alexis Cruz - Ft. Lauderdale
A.A. - Broward Community College

Kevin Dwayne Cunningham - Lake Alfred
A.A. - Polk Community College

Khadijeh Dallal - Deerfield Beach
Broward Community College

George Louis de Marchena - Miami
A.A. - Miami-Dade Community College
B.A. - Florida International University

- Ivonne Marie de Marchena** – Miami
St. Thomas University
University of Miami
Florida International University
- Melissa Juanita Dossey** – Nashville, TN
B.S. – Tennessee Technical University
- Silvia Rosa Duenas** – Miami
A.A. – Miami-Dade Community College
- Rafael Luis Escalona** – Miami
A.A. – Miami-Dade Community College
- Fawwaz Yasser Farooqui** – N. Miami Beach
A.A. – Miami-Dade Community College
- Kathleen Nora Flood** – Davie
A.A. – Broward Community College
- Rosanne Martino Fredrickson** – N. Miami Beach
A.A. – Hillsborough Community College
B.S. – University of South Florida
- Laura Michelle Fuentes** – Pembroke Pines
A.A. – Miami-Dade Community College
- Guadalupe Garcia** – Miami
Miami-Dade Community College
- Denise L. Gardner** – Pompano Beach
A.A. – Broward Community College
- Joanne Carmen Genovese** – Dania
A.A. – Miami-Dade Community College
- Bill Gillespie, Jr.** – Tampa
B.A. – University of South Florida
- Tina Carmela Gish** – Ft. Meyers
Laraine County Community College
Edison Community College
- Betsy Barbara Gonzalez** – Miami
Miami-Dade Community College
- Charles Andrew Gowans** – North Miami
A.A. – Miami-Dade Community College
- Joseph Joshua Greenstein** – Sunrise
B.A. – University of California
- Sandra Elisa Gutierrez** – Hialeah
A.A. – Miami-Dade Community College
- Christopher John Hudenko** – Tampa
Manatee Community College
University of South Florida
- Arash Jabbari** – Miami
Miami-Dade Community College
- Katherine Lynn Jewell** – Miami
A.A. – Broward Community College
- Holly Lynn Jimenez** – Tampa
Florida State University
- Dean Scott Katon** – Davie
A.A. – Broward Community College
- Leah F. Kelley** – Pompano
Broward Community College
- Carol June Kinson** – Sunrise
University of Wisconsin
Broward Community College
- Joan Maxine Knight** – Miami
A.A. – Miami-Dade Community College
- Dana Kohler** – Hollywood
A.A. – Pasco-Hernando Community College
B.A. – University of Florida
- Denise Morin Leon** – Ft. Lauderdale
A.A. – Palm Beach Community College
- Donna M. Leone** – North Miami
B.S. – Barry University
- Miguel Kurt Lob** – Tampa
B.S. – University of South Florida
- Carla Alexandra Luque** – Miami
Miami-Dade Community College
- Frank Adolph Mariano** – Orlando
Palm Beach Junior College
University of Central Florida
- Christine Noel Marshall** – Summerland Key
A.A. – Florida Keys Community College
- Brian Keith Miller** – Pembroke Pines
A.A. – Miami-Dade Community College
- Mohammad Mehdi Mokhtary** – North Miami Beach
A.A. – Miami-Dade Community College
- Martha Eugenia Monsalve** – Miami
Miami-Dade Community College
- Susan Nasmyth-Miller** – Miami
A.A. – Miami-Dade Community College

- Diem Thuy Nguyen** – Orlando
Valencia Community College
University of Central Florida
- John F. Nigara** – Coral Springs
B.A. – St. Bonaventure University
- Deborah Ann Noonan** – Cape Coral
Edison Community College
- Robert Alexis Novigrod** – Surfside
Miami-Dade Community College
- Randall Walters O'Neill, Jr.** – Valrico
B.A. – Rutgers University
- Theodore M. O'Neill** – North Miami
A.A. – Miami-Dade Community College
- Parimala A. Patel** – Miami
A.A. – Santa Fe Community College
- Francis Leonardo Pena** – Carol City
A.A. – Miami-Dade Community College
- Patricia Ann Perera** – Miami
A.A. – Miami-Dade Community College
- Alina Maria Perez** – Coral Gables
A.A. – Miami-Dade Community College
B.S. – University of Miami
- Trazi August Poley** – Ft. Lauderdale
Kellogg Community College
Miami-Dade Community College
Broward Community College
- Gabriella Maria Ponzio** – Ft. Meyers
A.A. – Edison Community College
- Roberto F. Prieto** – Miami
A.A. – Miami-Dade Community College
M.B.A. – Florida International University
- Annette Barbara Proenza** – Orlando
A.A. – Valencia Community College
- Carol Ann Reed** – Lake Worth
Palm Beach Community College
Florida Atlantic University
- Marion Y. Reichers** – Cape Coral
A.A. – Edison Community College
- Michael Justo Reyes** – Hialeah
A.A. – Miami-Dade Community College
- Suzette Robine** – Cape Coral
A.A. – Edison Community College
- Aldo Antonio Rodriguez** – Miami
Miami-Dade Community College
- Odalys C. Rodriguez** – Miami
A.A. – Miami-Dade Community College
- Bopha Huot Sayavong** – North Miami Beach
University of Arkansas
University of New Orleans
Miami-Dade Community College
- Althea E. Shaw** – Coral Springs
B.S. – University of Miami
- Stacy Ann Smith** – Coral Springs
St. Thomas University
Florida Southern College
Broward Community College
- Brian Taggart Staley** – Brandon
A.A. – Hillsborough Community College
- Amin G. Surani** – Kipumoy, Kenya
University of Georgia
- Rezan Tewolde** – Miami
B.S. – Florida Memorial College
B.S. – Florida International University
- Alan W. Thein** – Gainesville
B.S. – University of Florida
- Maribel Torres** – Casselberry
University of Central Florida
- Melania Trigo** – Miami
A.A. – Miami-Dade Community College
- Todd Laurence Troxell** – Whitmore Lake, MI
A.A. – Washtew Community College
- David Richard Upson** – Ft. Meyers Beach
A.A. – Edison Community College
- Jose A. Vargas** – Miami
A.A. – Miami-Dade Community College
- Cathy Jill Viscome** – Ormond Beach
A.A. – Daytona Beach Community College
- Catherine D. Vo** – Sarasota
University of South Florida
- David N. Weinberg** – Lake Worth
A.S. – Palm Beach Community College
- Jeffrey Wilhelm** – Gainesville
A.S. – Santa Fe Community College
- Jane Gracey Wynn** – Plantation
Broward Community College

Class of 1995

Janet Lee Albers – Tampa

A.S. – Madison Area Technical College
A.S. – Southern Seminary Junior College

Jose Joaquin Alonso – Miami

A.A. – Miami-Dade Community College
B.S. – Florida International University

Nilsa Alvarez – Hialeah

B.S. – St. Thomas University

Yolanda Amor – Miami

B.A. – University of St. Thomas

Bahman Azarm – N. Miami Beach

A.A. – Miami-Dade Community College

Jonathan Samuel Bailey – Reynolds, GA

University of Georgia
Macon Jr. College
Ft. Valley State

Radhan Kumari Bakhtiani – Miami

A.A. – Miami-Dade Community College

Donna Collette Beach – Miami

University of Florida
Florida International University

Madelyn Becerra – Hialeah

A.A. – Miami-Dade Community College

Randall Darren Beck – Winter Haven

A.A. – Polk Community College

Bridget Joy Bernstein – Davie

B.S. – University of South Florida

Margaret Eloiva Beson – Ft. Meyers

A.A. – Edison Community College

Thomas Anthony Bohan – Pembroke Pines

Broward Community College

Robert Carl Borchard – Tampa

B.A. – Spring Hill College

Lisa Anne Bradley – Gainesville

B.S. – University of Florida

Karen Ann Brainard – Cape Coral

B.S. – Georgia Tech.

German Eloy Brizuela – Miami

Florida International University
Miami-Dade Community College

Michael Elliot Butler – Tampa

B.S. – Ohio State

Luis E. Caban – Miramar

University of Puerto Rico

William Evans Caras – West Palm Beach

A.A. – Palm Beach Community College

Matthew J. Cardella – Delray Beach

A.A. – Nassau Community College
A.A. – Florida Atlantic University

Susan Emily Casas de Betancourt – Miami

A.A. – Florida International University

Alicia Marie Chang – North Miami Beach

B.A. – University of Miami

Caren Diane Cohalla – Tampa

University of South Florida
Hillsborough Community College

Daniel Justo Cordova – Tampa

A.A. – Hillsborough Community College

Kevin Cork – Ormond Beach

A.S. – Daytona Beach Community College
A.A. – Daytona Beach Community College

Matthew DeBacker – Cape Coral

A.A. – Edison Community College

Nancy Delatorre – Coral Springs

Broward Community College
Nova University

Ramon Docobo – Tampa

A.A. – Hillsborough Community College
B.A. – University of Tampa

Donald Dorrington Jr. – North Lauderdale

Broward Community College

David L. Durham – Tamarac

Broward Community College

Luz Jacqueline Elias – Coral Springs

Marquette University
Xavier University
Broward Community College

Phyllis Estevez – Coral Springs

A.A. – Broward Community College

Kimberly Joyce Fanale – Pompano Beach

B.S. – Boston College

- Izzy Aron Farhy** – Ramat-Gau, Israel
Higher Institute of Chemical
Technology, Bulgaria
- Norah Fereda-Lozano** – Miami
Broward Community College
Miami-Dade Community College
- Maria C. Fernandez** – Miami
Miami-Dade Community College
University of Puerto Rico
- Sylvia Fernandez** – Santurce, PR
Inter-American University
- Louise Flynn** – Miami
B.A. – Vassar
- Benjamin Gagliardo** – Punta Gorda
A.A. – Edison Community College
- Mitchell Andrew Garnick** – North Miami
Beach
A.A. – Broward Community College
B.A. – University of South Florida
- Betsy Gonzalez** – Miami
Miami-Dade Community College
- Javier Gonzalez** – Miami
Florida International University
- Serafin Gonzalez** – Miami
A.A. – Miami-Dade Community College
- Mary Joanne Guercio** – Cooper City
A.A. – Broward Community College
B.A. – University of Florida
- Silvia A. Guilarte** – Miami
Florida International University
Miami-Dade Community College
- Robert Joseph Hafner** – Miami
A.A. – Miami-Dade Community College
- James Gerard Hardigan** – Big Rapids, MI
Ferris State University
- Patrick Shawn Hawthorne** – Ocala
A.A. – Central Florida Community College
- Kathy M. Healey** – Orlando
University of Central Florida
- Debbie J. Heritage** – St. Petersburg
A.A. – St. Petersburg Jr. College
- Aixa Hernandez** – Miami
A.A. – Miami-Dade Community College
- Fauzia Hussain** – Miami
A.A. – Miami-Dade Community College
- Thuy Ngoc Huynh** – Pinellas Park
A.A. – St. Petersburg Jr. College
- Ada Barbara Izquierdo** – Miami
A.A. – Miami-Dade Community College
- Louis A. Jefko** – Coral Springs
B.A. – University of Connecticut
- James Christopher Justice** – Flomaton, AL
A.A. – Jefferson State Jr. College
B.S. – University of Alabama
- Vigen Keshishian** – Ft. Lauderdale
A.A. – Miami-Dade Community College
- Daniel Alexander Kryzanekas** – Ormond
Beach
Daytona Beach Community College
Bethune-Cookman College
- Lisa Kulhanjian** – Hollywood
Broward Community College
- Steve Kwon** – West Palm Beach
A.A. – Palm Beach Jr. College
B.S. – University of Florida
- Phuong Dong Lam** – Miami
A.A. – Miami-Dade Community College
- Rosalina M. Lee** – Miami
A.A. – Miami-Dade Community College
B.A. – Florida International University
- Sara Jihyon Lee** – Winter Park
University of Central Florida
- Ellen Wanda Lipscomb** – Pompano Beach
Florida Atlantic University
- Clara Caridad Mari** – Miami
A.A. – Miami-Dade Community College
B.S. – Florida International University
- John Carlton Marks** – Palm Beach Gardens
B.S. – Marshall University
- Christina Marshall** – Summerland Key
A.A. – Florida Keys Community College
- Michelle Masters** – Tampa
A.A. – Hillsborough Community College
- Robert Bruce Maufroy** – Mt. Dora
B.S. – North Carolina State College

- Kurt McCartney** – Nassau, Bahamas
Florida Memorial College
- Nancy A. McCrary** – Pembroke Pines
Broward Community College
Baptist University of America
Edison Community College
- Peggy Trina McMahon** – Pompano Beach
B.S. – University of Florida
- Lynda Robin Meier** – North Miami Beach
Miami-Dade Community College
Broward Community College
Palm Beach Jr. College
University of Miami
- Janelle Anne Monti** – Bradenton
University of South Florida
- Julie Lynne Muller** – Seminole
B.S. – Ohio State University
- Ann Angela Murray** – Kingston, Jamaica
A.A. – University of Florida
- Ruben Antonio Navarro** – Miami
A.A. – Miami-Dade Community College
- Eric Neilson** – Winter Park
A.A. – Valencia Community College
B.S. – University of Central Florida
- Gail Marie Nowacki** – Williamsville, NY
State University of New York
Erie Community College
- Robert Joseph O'Neill** – North Miami
Beach
A.A. – Miami-Dade Community College
B.S. – Florida International University
- Pedro Ochoantesana** – North Miami Beach
Florida International University
- Ana Ondrizek** – Miami
B.A. – University of Miami
- Ronald Paine** – Ft. Lauderdale
B.S. – University of South Florida
- Stephanie Rae Plesek** – LaBelle
A.A. – Edison Community College
- Barbara Pusch** – Miami
A.A. – Miami-Dade Community College
- Norberto Edgardo Quesada** – Miami
A.A. – Miami-Dade Community College
- Keri Marie Quinn** – St. Petersburg
A.A. – St. Petersburg Community College
- Roberta Alessandra Radovic** – Pembroke
Pines
Broward Community College
- Ronny Oscar Ramirez** – Hialeah
A.A. – Miami-Dade Community College
- Anthony Stephen Rappa** – Hollywood
University of Florida
Florida International University
- Leonard R. Rappa** – Hollywood
Florida International University
- Jeannine Michelle Ross** – Coconut Creek
B.S. – University of Florida
- Julia Maria Rouco** – Miami
A.A. – Miami-Dade Community College
- Magalie Salomon** – Port-Au-Pierre, Haiti
B.S. – University of Miami
- Garry Marc Schultz** – Coconut Creek
State University of New York
Broward Community College
- Elizabeth Gerardina Short** – Sunrise
A.A. – Miami-Dade Community College
- Xavier Sigler** – Hialeah
A.A. – Miami-Dade Community College
- Joelle Silverstein** – Hollywood
University of Florida
Florida Atlantic University
Florida International University
Broward Community College
- Nancy Simon** – Miami
A.A. – Miami-Dade Community College
- Nora Melinda Sistrunk** – Plant City
Brigham Young University
Hillsborough Community College
- Dawn Diane Streicher** – Longwood
A.A. – Seminole Community College
- Arlene Marta Tapanes** – Miami
A.A. – Miami-Dade Community College
B.S. – University of Miami
- Jill Taylor** – North Miami Beach
A.A. – Miami-Dade Community College

Ellen S. Tepfer – Tamarac
B.A. – Rollins College

Marixa Ivon Torre – Surfside
York University
University of Florida
Barry University

Jennifer Ann Tribbey – Pompano Beach
B.S. – Stetson University

For Tsang –Paramaribo, Surinam
Miami-Dade Community College

Maggie Urrutia – Miami
A.A. – Miami-Dade Community College

Richard Michael Van Matre – Brandon
A.A. – Hillsborough Community College

Margarita Villazan – Miami
A.A. – Miami-Dade Community College

Carisa Anthea Walker – Miami
Florida International University
Miami-Dade Community College

Christina Marie Winkler – Naples
B.S. – University of Central Florida

Opal Natalie Wright – Davie
A.A. – Broward Community College

CLINICAL AFFILIATE FACULTY

College of Pharmacy

- costa, Maria C., B.S., Pharm.D.
 der, Shiela, B.S.
 jileye, Isaac, Pharm.D.
 ivarado-Hughes, Mariela, Pharm.D.
 ivarez, Eric, B.S.
 ivarez, Goar, B.S.
 nderson, Mary Alison, Pharm.D.
 resty, Pat, Pharm.D.
 resty, Jeff, Pharm.D.
 ther, Mark, B.S.
 viles, Acela, Pharm.D.
 ailey, Ray, B.S.
 annatynne, Ricardo, Pharm.D.
 armann, David, Pharm.D.
 arone, Louis, B.S.
 arron, Elizabeth, Pharm.D.
 lastanzuri, Rosa, B.S., Pharm.D.
 lecks, Lewis, B.S.
 lehar, Eugenia, Pharm.D.
 lerry, Greg, B.S.
 lruetzle, Karen, B.S.
 luchanan, Rick, B.S.
 lurga, Maria, Pharm.D.
 lurstad, Rich, B.S.
 lyers-Rolston, Linda, B.S.
 aldwell, Richard D., B.S., M.S.
 arnevale, Joseph, B.S.
 astro, Maria, B.S.
 atapano, Glenn, B.S.
 haffman, Michael, B.S.
 han, Che, B.S., M.S.
 hildress, Lin, B.S., Pharm.D.
 hong, Eddie, B.S.
 ientluagos, Carmina, Pharm.D.
 iark, John, Pharm.D.
 obb-Wright, Joy, B.S., Pharm.D.
 ook-Krop, Lynn, B.S., Pharm.D.
 opolla, John, B.S., M.S.
 ovey, Doug, Pharm.D.
 jalin, Gary, B.S., M.S.
 jalsania, Mansukh, B.S.
 jas Young, Leena, Pharm.D.
 javis, Amy, B.S.
 javis, Allen, Pharm.D.
 javis, Michael, B.S., M.S.
 eSilva, Kathryn, Pharm.D.
 jeas, Heydi, B.S. Pharm.
 jel Vecchio, Rafaella, B.S., M.P.A., M.B.A.
 jel Vecchio-Feinberg, Gilda Jo, B.S., M.S.
 Diaz, Art, B.S.
 jinsdale, Beverly, Pharm.D.
 jrelich, Iris, B.Sc., M.Ed., B.S.
 jril, David, B.S., R.Ph.
 jger, Ydell, B.S.
 jger, Paul, B.S.
 jhrlick, Dave, B.S., M.B.A., M.H.A.
 jisenman, Zachary, B.S.
 jkmal, Farag, B.S.
 jaroog, Mujahid, B.S., M.S.
 jass, Steve, B.S.
 jeldman, Gerald, B.S. Pharm.
 jingerhut, Mitch, B.S., M.B.A., M.S.
 joster, Robert, B.S.
 jreeman, Stanley, M.S., Pharm.D.
 jilman, Jamie, Pharm.D.
 jingery, Joel, Pharm.D.
 jodin, Robert, B.S.
 Gomez, Eleanor, Pharm.D.
 Greeley, Julie, Pharm.D.
 Green, Robert, B.S., Pharm.D.
 Guffey, Kevin, B.S., M.B.A.
 Gutierrez, Raysa, B.S.
 Guzman, Betzaida, Pharm.D.
 Harper, Gary, B.S., M.B.A.
 Harrin, Marcia, B.S.
 Harrington, Fritz, B.S.
 Harris, Betty, B.S.
 Hatfield, Donald, B.S.
 Hernandez, Elsie, B.S., M.S.
 Hernandez, Ana, B.S.
 Hinkes, Roberta, Pharm.D.
 Hiltchen, Karen, B.S.
 Howard, Jay, B.S.
 Huggins, Glenn, Pharm.D.
 Hunter, Jr., Horace, B.S.
 Jarshaw, Martin, B.S.
 Johnson, Bentley, B.S., M.S.
 Johnson, Philip, B.S., M.S.
 Justino, Daniel, Pharm.D.
 Kaier, Ronald, B.S.
 Kasper, Victoria, B.S., M.S.
 Katz, Alan, B.S.
 Katz, Larry, B.S.
 Kaye, Jonas, B.S., Pharm.D., Ph.D.
 Kialo, Joseph, B.S.
 Knee, Allen, B.S.
 Koptowsky, Joseph, B.S., M.S.
 Krate, Scott, B.S.
 LaPerriere, Jacqueline, Pharm.D.
 Labrada, Luz, B.S., M.S.
 Lauffer, Ray, B.S.
 Laven, David, B.S.
 Laveroni, Dennis, B.S., Pharm.D.
 Ledina, Michael, B.S.
 Lefkowitz, Sheldon, B.S., M.S.
 Levine, Harold, B.S.
 Lewis, Mary Jane, B.S.
 Lipman, Steve, B.A., B.S., Pharm.D.
 Lipschultz, Harvi, Pharm.D.
 Litman, Robert, B.S.
 Little, Martha, B.S.
 LoPresti, Sue, B.S., M.B.A.
 Lopez, Ana Mari, Pharm.D.
 Lopilato, Constantine, B.S.
 Mace, David, B.S., J.D.
 Moggio, Cindy, B.S., Pharm.D.
 Mahler, Seth, B.S.
 Manny, Richard, Pharm.D.
 Martin, Mel, B.S., M.B.A.
 Mattox, Kimberly, Pharm.D.
 Maya, David, Pharm.D.
 McCormick, Amy, Pharm.D.
 McGaw, Pamela, B.S., Pharm.D.
 Meyer, Ed, B.S.
 Milder, Harry, B.S.
 Miller, Ed, B.S. Ed., B.S., R.Ph.
 Millstein, David, B.S.
 Minot, Richard, B.S., M.S.
 Momon, Renee, B.S., Pharm.D.
 Mora, Juan, B.S.
 Morales, Marlene, Pharm.D.
 Morelli, Cecelia, B.S.
 Morris, Theresa L., Pharm.D., M.P.H.
 Mowrey, Kim, Pharm.D.
 Nee, Douglas, B.S., M.S.
 Nichol, Allen, B.S.
 Nichol, Debra, B.S.
 Normann, Sven, B.S., Pharm.D.
 Novak, John, B.S.
 Orndorff, Wayne, B.S.
 Pardi, Russ, B.S.
 Parness, Marc, B.S., M.B.A.
 Partyka, James, Pharm.D.
 Plescinski, Lynn, B.S.
 Pollack, Lynn, B.S.
 Portman, Scott, B.S.
 Pressman, Steven, B.S.
 Prier, Lemorris, Pharm.D.
 Proctor, Richard, B.S., Pharm.D., M.B.A.
 Probst, Ed, B.S.
 Quintero, Modesto, B.S.
 Ravelo, Ofelia, Pharm.D.
 Ray, Aixa, Pharm.D.
 Restler, Cliff, B.S., M.S.
 Rieder, Gene, Pharm.D.
 Robinson-Barnhart, Margie, B.S., M.P.H.
 Rohaus, Ron, B.S.
 Romero, Olga, A.A., B.S.
 Rosenblum, Andrea, Pharm.D.
 Rosenzweig, James, B.S., M.S.
 Salem, Joe, Pharm.D.
 Schoenike, Steve, Pharm.D.
 Scott, Joseph, B.S., M.S.
 Scott, Joe, Pharm.D.
 Seneker, Adam, Pharm.D.
 Ser, Jan, B.S., M.B.A.
 Shackelford, Diane, Pharm.D.
 Shippe, Dina, B.S.
 Sieradzan, Raymond, Pharm.D.
 Simas, Kevin, B.S.
 Simmons, Brenda Jo, B.S., Pharm.D.
 Simms, Sandra, Pharm.D.
 Snyder, Michael, Pharm.D.
 Stambaugh, Jerry Jean, B.S., M.P.A.
 Stamitoles, Michael, B.S.
 Steuerman, Manny, B.S.
 Stevens, Robert, B.S., M.B.A.
 Sweet, Daniel R., B.S.
 Thompson, Tim, B.S.
 Tomczyk, Phyllis, B.S.
 Tomecko, Bill, B.S., M.S.
 Troyer, Scott, Pharm.D.
 Van Lith, Richard, Pharm.D.
 Vanderbilt, Gary, B.S.
 Vuolo, Mike, B.S.
 Wagner, Richard, B.S.
 Walden, Steve, Pharm.D.
 Walton, Mark, B.S., M.S.
 Ward, Arlie, B.S.
 Warshofsky, Jerry, B.S.
 Watson, Michael, B.S.
 Webster, Will, Pharm.D.
 Weir, Mike, B.S.
 Wells, Michelle, Pharm.D.
 Wilbur, Robert, Pharm.D.
 Wilson, Mark, B.S.
 Witas, Richard, B.S., M.S.
 Woodall, Sandy, B.S.
 Yang, Connie, Pharm.D.
 Zaldivar, Fernando, B.S.
 Ziamal, Raymond, B.S., M.S.

College of Optometry





College of Optometry

Stewart Abel, O.D.
Dean

Administration

Stewart Abel, B.S.E., O.D., Dean

Lester Janoff, O.D., M.S., Associate Dean for Academic Affairs

Harold E. Laubach, B.S., M.S., Ph.D., Associate Dean for Basic Sciences

Marla Frohlinger, B.A., Assistant Dean for Admissions and Student Affairs

Mary Smith, Registrar

Patrick J. Gorman, B.S.H.A., Director of Student Financial Aid

Jeffrey Schneider, M.B.A., C.P.A., Director of Finance

Steven Weinstein, B.S., C.P.A., Comptroller

Steven Culbreth, B.S., Bursar

Anita Gleimer, B.A., M.B.A., Director of Medical Communications

Emil L. Todaro, B.A., D.O., Executive Director of Development

L. Daniel Valdes, B.A., Director of Development

Janice Gottlieb, M.A., M.L.S., Library Director

Royal Flagg Jonas, B.S., J.D., Legal Counsel

Optometry

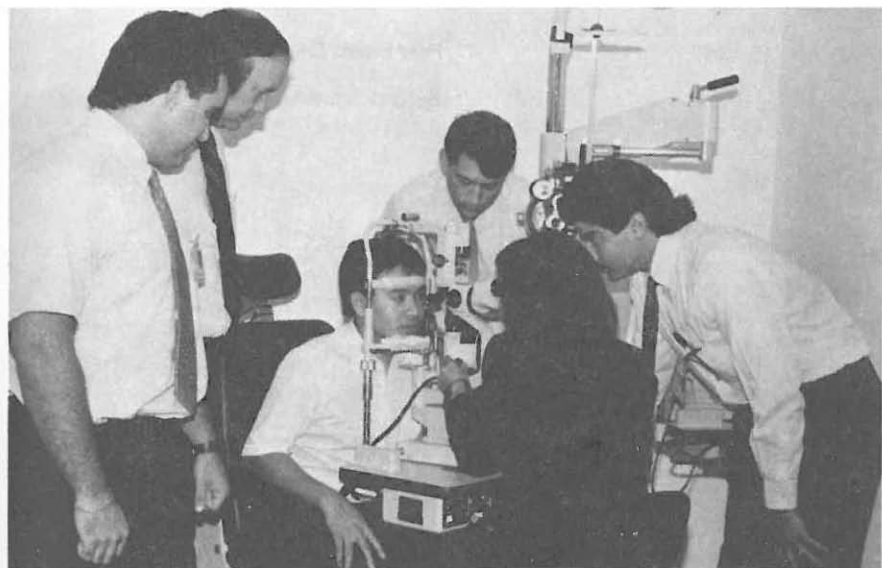
One of man's most precious gifts is sight. An optometrist through academic and clinical training learns to diagnose, treat and prevent problems of the visual system — maintaining this gift of life. Optometry is an expanding profession that offers many career opportunities to those willing to study, work hard and assume the responsibilities of a primary health care professional.

Today's optometrists practice in large and small communities throughout the nation, either as individuals or at clinics and hospitals. They also take part in teaching, research and public health. As the newest and only school in Florida, the Southeastern College of Optometry will prepare students to treat multiple vision disorders, which shall include an understanding of visual information processing, ocular anatomy and physiology.

The Southeastern College of Optometry is the newest division of the Southeastern University of the Health Sciences, sharing a campus with the Southeastern College of Osteopathic Medicine and the Southeastern College of Pharmacy. After learning that both the Florida Optometric Association and the American Optometric Association supported the creation of an optometry school in Florida, Southeastern University officials appointed a task force to explore the possibility of forming an optometry school.

They researched and identified a need for a new optometry school in the state. In the Fall of 1988, the University's Board of Governors voted in favor of an optometry school and in Dec. 1988, the State Board of Independent Colleges and Universities approved the organization of a new school.

The goal of the Southeastern University of the Health Sciences is to establish a multidisciplinary health professions campus that through faculty and student interaction will make the University more than just the sum of its parts.



ACADEMIC CALENDAR

1991-92

FALL SEMESTER

Sunday, August 11, 1991	Orientation & registration for full-time students
Monday, August 12, 1991	Full-time classes begin at 9:00 a.m.
Monday, September 2, 1991	Labor Day, No Classes
Wednesday, November 27, 1991	6:00 P.M. Thanksgiving Recess Begins
Monday, December 2, 1991	8:00 A.M. Classes Resume
Friday, December 13, 1991	6:00 P.M. Classes End
Monday, December 16, 1991	Final Exams Begin
Friday, December 20, 1991	5:00 P.M. Winter Recess Begins

SPRING SEMESTER

Monday, January 6, 1992	8:00 A.M. Registration of full-time students 9:00 A.M. Full-time Classes begin
Monday, January 20, 1992	Martin Luther King, Jr. Day, No Classes
Monday, February 17, 1992	President's Birthday, No Classes
Friday, April 10, 1992	5:00 P.M. Spring Recess Begins
Monday, April 20, 1992	8:00 A.M. Classes Resume
Friday, May 15, 1992	6:00 P.M. Classes End
Monday, May 18, 1992	Final Exams Begin
Friday, May 22, 1992	Second Semester Ends

ACADEMIC CALENDAR

1992-93

FALL SEMESTER

Sunday, August 16, 1992	Orientation & registration for full-time students
Monday, August 17, 1992	Full-time classes begin at 9:00 A.M.
Monday, September 7, 1992	Labor Day, No Classes
Wednesday, November 26, 1992	6:00 P.M. Thanksgiving Recess Begins
Monday, November 30, 1992	8:00 A.M. Classes Resume
Friday, December 11, 1992	6:00 P.M. Classes End
Monday, December 14, 1992	Final Exams Begins
Friday, December 18, 1992	5:00 P.M. Winter Recess Begins

SPRING SEMESTER

Monday, January 4, 1993	Registration of full-time students. Full-time classes begin at 9:00 A.M.
Monday, February 22, 1993	Presidents' Birthday - No Classes
Friday, April 2, 1993	5:00 P.M. Spring Recess Begins
Monday, April 12, 1993	8:00 A.M. Classes Resume
Friday, May 8, 1993	6:00 P.M. Classes End
Monday, May 10, 1993	8:00 A.M. Final Exams Begin
Friday, May 14, 1993	10:30 P.M. Second Semester Ends

Requirements for Admission

The College of Optometry selects students based on pre-professional academic performance, Optometry Admission Tests (OAT) scores, personal interviews, written application and letters of reference. All are described below.

Prior to matriculation, applicants must have completed a minimum of 90 hours of specified course work and/or baccalaureate degree at an accredited college or university with a creditable grade point average. The College will seek students with superior G.P.A.'s and quality OAT's.

The courses shall include the following required subjects:

Biology — 8 semester hours, including laboratory.

General Chemistry — 8 semester hours, including laboratory.

Organic Chemistry — 4 semester hours, including laboratory.

Physics — 8 semester hours, including laboratory.

Microbiology — 3 semester hours, including laboratory.

Calculus — 3 semester hours.

Statistics — 3 semester hours.

English — 6 semester hours.

Psychology — 6 semester hours.

Social and Behavioral Sciences — 8 semester hours.

There is no requirement that a student must major in a specific area. Students are encouraged to select their undergraduate curriculums according to their own interests with a view toward educating themselves to function as professionals in an ever-increasing complex society.

Application Procedures

The admissions office will begin processing applications (rolling admission) immediately for the class entering in the Fall of 1992. The application form and a fee of \$50.00 should be completed as soon as possible, but sent in by no later than May 15 in order to be considered for admission for September, 1992.

A complete application is required before an applicant can be considered for admission. A complete application includes the application form with a recent photograph, application fee, a complete set of official transcripts, the Optometry Admission Test (OAT), letters of recommendation (or composite evaluation), and an interview.

The Office of Admissions accepts applicants year round. Students may be called in at any time for interviews and/or requests for additional information.

The College of Optometry awards a baccalaureate degree to those individuals with 90 hours completed after successfully completing two years of optometric study at Southeastern.

LETTERS OF RECOMMENDATION

An evaluation by a pre-professional health advisor or committee is required from the applicant's undergraduate institution. If this form of recommendation cannot be provided, three individual letters of recommendation are required from undergraduate instructors; two from science instructors and one from another Liberal Arts instructor. If possible, these letters should be from faculty members who are knowledgeable about the applicant's scholastic abilities and personal characteristics; otherwise, they should be from persons who can provide pertinent information to the Admissions Committee about these areas.

A letter of reference from an Optometrist is highly recommended. It is not required, however.

TRANSCRIPTS

Official transcripts of all work attempted at all colleges and universities must be forwarded, by the institutions attended, to the College of Optometry Admissions Office. It is the responsibility of the applicant to ensure that arrangements are made for these transcripts to be sent. A final transcript, covering all the applicant's work, must be forwarded to the admissions office prior to matriculation.

INTERVIEW

All admitted candidates must have been interviewed at the College of Optometry. Not all applicants will be interviewed but those who are will be notified of the date and time of interview by the admissions office. Even though no student will be admitted without an interview, being granted an interview is not a guarantee of admission to the college.



Accreditation

The Doctor of Optometry program at the Southeastern University of the Health Sciences College of Optometry has received pre-candidate "preliminary approval" accreditation from the American Optometric Association's Council on Education. The AOA Council on Education is the accrediting body for programs in colleges and/or schools of optometry in the United States. Granting of "preliminary approval" status brings no rights or privileges of full accreditation to the institution until all requirements are met. "Preliminary approval" status is the second of three steps a new college of optometry must take to reach full accreditation. After the school passes the required steps as outlined by the AOA Council of Education, it will receive full accreditation.

All professional schools and/or colleges, whether it be optometry, pharmacy or medicine, become accredited upon graduation of the first class.

Additional information can be obtained from the Southeastern University of the Health Sciences admissions office.

Tuition and Fees

The Board of Trustees has established the following tuitions and fees. (Note that tuition and fees are subject to change at any time at the discretion of the board of Trustees):

1. Tuition – \$8,900.00 for 1991-92 for Florida residents and \$12,900.00 for residents of all other states.
2. Acceptance Fee – \$100.00. This fee is required to reserve the accepted applicant's place in the entering first year class. This advance will be deducted from the tuition payment due on Registration Day, but is not refundable in case of withdrawal. It is payable within two weeks of the applicant's acceptance.
3. A second deposit of \$400.00 is required by March 15, under the same terms as the Acceptance Fee.
4. Pre-registration Fee – \$500.00. This is due June 1, under the same terms as the Acceptance Fee.

The year's tuition and fees, less the \$1,000.00 previously paid, are due on or before Registration Day. Students will not be admitted until their financial obligations have been discharged.

The financial ability of applicants to complete their training is important, because of the limited number of positions available in each class. Applicants should have specific plans for financing four years of professional education. This should include provision for tuition, living expenses, books and equipment, travel and miscellaneous expenses.

It is strongly suggested that each student carry adequate personal, medical and hospital insurance. Students may avail themselves of the hospitalization insurance plan obtainable through the College.

Financial Aid

The primary purpose of the Student Financial Aid Program at the Southeastern University College of Optometry is to help as many qualified students as possible attend and complete optometry school.

All sources of financial aid, scholarships and loans listed in this section are summarized briefly due to the constantly changing requirements, fund availability and interest levels. The financial administrator monitors all revisions in these programs and maintains a current status file on each. For further information on any of the following programs, please contact the Financial Aid Officer.

Federal Programs

Stafford Student Loan

Supplemental Loan

Health Education Assistance Loan

Maximum Annual Award

\$7,500

\$4,000

\$20,000

The Stafford Student Loan is a fixed interest federally subsidized loan.

The Supplemental Loan is a variable interest unsubsidized loan.

The Health Education Assistance Loan is a variable interest unsubsidized loan.

College of Optometry Scholarship

The College of Optometry Scholarship for under-represented minorities in Optometry is a full tuition scholarship. To be eligible, applicants must be U.S. citizens, permanent residents, and residents of the State of Florida and must be in a minority group considered by University administrators to be under-represented in the State of Florida. Other qualifications are academic merit, financial needs, practice goals and demonstrated personal abilities.

Private Programs

The Professional Education Program, a private alternative loan program, lends a student up to \$7,500 annually, or up to \$20,000 annually with a credit-worthy co-applicant.

Requirements For Graduation

In order to be eligible for the degree of Doctor of Optometry, each student shall:

- a) Be at least twenty-one years of age.
- b) Be of good moral character.
- c) Have satisfactorily passed all prescribed examinations.
- d) Have satisfactorily completed the program of study required for the degree, including all assignments.
- e) Have satisfactorily discharged all financial obligations.
- f) Take Parts I and II of the National Board Examination.
- g) Have obtained a Baccalaureate degree by the end of their second year at Southeastern
- h) Attend in person the commencement program at which time the degree is conferred.
- i) Have been a student in an optometric college for at least four academic years.

Course of Study

The professional curriculum consists of nine different academic units. These are Community Health Optometry, Health Sciences, Optics, Pediatric Optometry, Primary Optometry, Rehabilitative Optometry, Vision Sciences, Environmental Optometry and Clinic.

COMMUNITY HEALTH OPTOMETRY

In the first two years the principles of epidemiology and health delivery systems are studied. Later, emphasis is on the organization of delivery of optometric services, practice administration and vision health education.

HEALTH SCIENCES

Students will extend their undergraduate mastery of biological science and chemistry to the functions of the visual system and ocular and general pathology.

OPTICS

The principal function of optics is to provide students with a comprehensive knowledge of image formation and the methodology of image analysis, including modern analysis by way of the "modulation transfer function". Students learn to understand the physical basis for light and the elements of radiometric quantity. They obtain a qualitative understanding of lasers, static and dynamic fiber optics systems, and other developments in modern optics.

PEDIATRIC OPTOMETRY

This section addresses those aspects of vision care that pertain specifically to children. Major topics include modification of standard clinical procedures and practices to accommodate the very young patient.

PRIMARY CARE OPTOMETRY

The primary care optometry curriculum begins during the first professional year, when students are given lecture, laboratory and clinical instruction in procedures involved in conducting an optometric examination. During the second year, students receive instruction in the diagnosis and treatment of anomalies of vision and begin to examine patients in the college's out-patient clinic. In the third year experience is gained by caring for children as well as geriatric patients, and in the fields of contact lens fitting and vision training. During the fourth year students are encouraged to accept broader responsibilities in the diagnosis and treatment of a wide variety of optometric problems, and participate in secondary and tertiary forms of optometric care.

REHABILITATIVE OPTOMETRY

This tract is concerned with the body of knowledge needed to examine, diagnose, and treat those with unique visual problems which require significant rehabilitative effort beyond conventional refraction.

VISION SCIENCES

The study of vision sciences concerns non-patient related aspects of optometry. The principal goals are to provide students with an awareness and understanding of the scientific method and an in-depth general knowledge which the public has a right to expect from a practicing professional.

ENVIRONMENTAL OPTOMETRY

Environmental vision applies the knowledge of physiological optics to the visual environments of individuals or groups to enhance visuo-motor performance as well as ocular safety, comfort and general efficiency in seeing.

CLINIC

The student's clinical experience will be enhanced through the college's clinics throughout South Florida. These clinical locations will allow the students to apply their base knowledge in actual clinical settings under the direction of clinical faculty.

EXTERNAL EDUCATION PROGRAM

The External Education Program provides third and fourth-year professional optometry students with clinical learning experience in multidisciplinary community health facilities serving communities in need of optometric services.

CURRICULUM OUTLINE

FIRST YEAR, FIRST SEMESTER

Course	Lec.	Lab.
Human Histology & Embryology	2	1
Human Anatomy	2	0
Biochemistry	3	0
Geometric Optics	4	3
Introduction to Optometry	2	0
	<hr/>	<hr/>
TOTAL HOURS	13	4
		17

FIRST YEAR, SECOND SEMESTER

Course	Lec.	Lab.
Patient Communication	2	0
Optometric Theory & Methods	1	6
Gross Anatomy of the Head/Neck/Ocular Anatomy (First Nine Weeks)	4	3
Neuroanatomy/Ocular Anatomy (Second Nine Weeks)	4	3
Physiology	3	0
Physical Optics	3	3
Microbiology	3	0
	<hr/>	<hr/>
TOTAL HOURS	20	15
		35

SECOND YEAR, FIRST SEMESTER

Course	Lec.	Lab.
Ophthalmic Optics I	3	3
Ocular Anatomy	2	0
Optometric Theory & Methods II	1	6
Psychophysics and Monocular Sensory Vision	2	1
General Pharmacology	5	0
Ocular Physiology	2	2
Pathophysiology	3	0
	<hr/>	<hr/>
TOTAL HOURS	18	12
		30

SECOND YEAR, SECOND SEMESTER

Course	Lec.	Lab.
Case Analysis	2	0
Ophthalmic Optics II	3	3
Primary Care Clinic I	1	3
Binocular Vision	4	2
Ocular Pharmacology I	2	0
Ocular Diseases I (Lid & Anterior Seg.)	3	0
	<hr/>	<hr/>
TOTAL HOURS	15	8
		23

SECOND YEAR, SUMMER TERM

Course	Lec.	Lab.
Ocular Motility	2	1
Primary Care Clinic II	1	16
Ocular Disease II (Posterior Seg.)	3	0
Pediatric Optometry	3	0
	<hr/>	<hr/>
	9	17
TOTAL HOURS		26

THIRD YEAR, FIRST SEMESTER

Course	Lec.	Lab.
Primary Care Clinic III	1	16
Anomalies of Binocular Vision I	2	2
Contact Lenses I	2	2
Ocular Disease III (Neuro-Optometry, Oncology, and Radiology)	3	0
Optometric Methods III	1	2
Geriatric Optometry	2	2
Epidemiology & Public Health	3	0
	<hr/>	<hr/>
	14	24
TOTAL HOURS		38

THIRD YEAR, SECOND SEMESTER

Course	Lec.	Lab.
Primary Care Clinic IV	1	16
Anomalies of Binocular Vision II	2	2
Contact Lenses II	2	2
Ocular Disease IV (Ocular Manifestations of Systemic Diseases)	3	0
Clinical Medicine	3	0
Low Vision (Vision Rehabilitation)	2	2
Developmental & Learning Disabilities	2	0
	<hr/>	<hr/>
	15	22
TOTAL HOURS		37

THIRD YEAR, SUMMER SEMESTER

Course	Lec.	Lab.
Primary Care Clinic V	0	16
Environmental & Sports Vision	3	0
Practice Management I	2	0
	<hr/>	<hr/>
	5	16
TOTAL HOURS		21

FOURTH YEAR, FIRST SEMESTER

Course	Lec.	Lab.
Clinic Seminar	2	0
Practice Management II	2	0
Primary Care Clinics:		
General Patient Care	0	12
Contact Lens	0	4
Binocular Vision (Sports Vision)	0	3
Pediatric (Learning Disabilities)	0	3
Low Vision Screening	0	3
	4	28
TOTAL HOURS		32

FOURTH YEAR, SECOND SEMESTER

Course	Lec.	Lab.
Clinic Seminar	2	0
Dissertation/Selected Topics in Optometry	2	0
Primary Care Clinic	0	12
Secondary Care Clinics:		
Contact Lens	0	6
Ambulatory Surgical/Medical	0	8
Rehabilitative Optometry	0	8
	4	34
TOTAL HOURS		38

FIFTH YEAR RESIDENCY OPTION

To be announced



Anatomy

Chairman & Professor: G.R. Conover; **Professor:** G.C. Ericson; **Professors Emeriti:** F.H. Higginbotham, A.C. Higginbotham; **Associate Professors:** L.B. Dribin, J.C. Lanning; **Assistant Professor:** S.F. Simpson

Anatomy I HISTOLOGY & EMBRYOLOGY

54 Hours

A general overview of histology and embryology with an emphasis on the basic tissues necessary for the understanding of the histology of the eye. Laboratories consist of the study of projected slides and the demonstration of tissues with the light microscope.

Anatomy II HUMAN ANATOMY

40 Hours

An introductory course designed to give students an understanding of the structure of the human body. The course is presented with an organ systems approach. Laboratory work provides a study of cadaver material.

Anatomy III GROSS ANATOMY OF THE HEAD & NECK

72 Hours

A detailed study of the gross structures of the human head and neck, including the eye. Laboratories include dissection of cadavers.

Anatomy IV NEUROANATOMY

52 Hours

A study of the gross structure of the brain and spinal cord and the functional relationship among their parts. Emphasis is placed upon major motor and sensory pathways and integrative mechanisms of the central nervous system.

Biochemistry

Chairman & Professor: K.H. Woodside; **Associate Professor:** E.E. Groseclose; **Assistant Professor:** E.O. Keith

BIOCHEMISTRY

54 Hours

The metabolism of proteins, lipids, nucleic acid and carbohydrates will be emphasized, followed by introduction to the biochemical aspects of visual, digestive, muscular, respiratory and endocrine systems.

Microbiology

Chairman & Professor: H.E. Laubach; **Adjunct Professor:** G. Kucker; **Associate Professor:** H. Hada; **Assistant Professor:** S.D. Obenauf

Microbiology I MEDICAL MICROBIOLOGY/IMMUNOLOGY

75 Hours

The study of medical microbiology covering Immunology, Bacteriology, Mycology, Parasitology and Virology with emphasis on infectious disease processes involving the eye.

Optometric Basic Science

Associate Professors: W. Abel, B. Gilman, M. McKay; **Assistant Professor:** R. Klingaman;
Instructor: E. Bergman

GEOMETRICAL OPTICS

105 Hours

The principles of geometric optics will be taught with examples and optometric applications where possible. The course will include study of linear propagation, reflection, refraction, prisms, thin lenses alone and in combination, thick lenses lens aberrations and some ophthalmic instruments.

PHYSICAL OPTICS

90 Hours

The optical principles, primarily dealing with wave optics, will be taught with applications, examples and laboratory demonstration. Included will be wave equations, interference, diffraction, polarization, dispersion, photometry, spectroscopy, lasers and holography.

OPHTHALMIC OPTICS I

108 Hours

The student will apply the knowledge from Geometrical and Physical optics to ophthalmic equipment, ophthalmic lenses and prism, frames, spectacle prescriptions (writing and verifying). The lab is composed of 3 sections: frames, lenses and fabrication.

OPHTHALMIC OPTICS II

108 Hours

Design and construction of multi-focal lenses. Provide guidelines for frame and lens choices, alignment and fitting procedures for various prescription requirements. Complete hands-on experience in selecting, ordering, fabricating, fitting and dispensing of spectacles.

VISUAL OPTICS & PSYCHOPHYSICS

54 Hours

The optical properties of the eye will be considered. Major topics will include refractive state of eye, retinal image formation, accommodation and entopic phenomena. Additionally, a discussion of classical and modern methods used to measure visual thresholds will be included. Attempts to formulate a psychophysical "Law" and an alternate to threshold determination, namely, signal detection theory will be presented.

MONOCULAR SENSORY VISION

54 Hours

An introduction to perceptual properties of the visual system. Major topics will be: spatial and temporal aspects of vision, theories of color vision, color vision testing, rationale for construction of color vision tests and photoreceptor properties that affect visual perception, i.e., Stiles-Crawford effect.

BINOCULAR VISION

54 Hours

The sensory aspects of depth perception will be covered. This course will cover data that relate to having two eyes such as the physiological substrate for stereopsis, the nature of the horopter, tests which measure stereoacuity and principles underlying these tests.

OCULAR MOTILITY

54 Hours

An overview of eye movements. Measurement techniques, types of eye movements and the physiological sub-systems involved in moving the eyes. Emphasis will be placed on understanding the interaction of eye muscles and physiological signals.

OCULAR ANATOMY

36 Hours

This course consists of a detailed study of both the gross and microscopic structures of the eye and its adnexa to better understand the alterations that occur in ocular disease and abnormality.

OCULAR PHYSIOLOGY**72 Hours**

This course uses general physiological principles and processes such as cellular membrane translocation and electrophysiology, applied to the eye and visual system. Laboratories will be presented that apply these principles to methods used in the routine and specialized ocular examination.

Optometric Clinical Science

Professors: S. Abel, R. Gaudette, L. Janoff; **Associate Professors:** W. Abel, A. Aran, S. Crossman, B. Gilman, S. Gorman, S. Holbrook, S. Markow, M. McKay, M. Silverman, J. Solomon; **Assistant Professor:** R. Raye, E. Besada, C. Morrison, H. Purcell, R. Sullivan; **Instructor:** M. Bergman, J. Carrelli, R. Horowitz

INTRODUCTORY OPTOMETRY**36 Hours**

The subject matter presented introduces the students to the role Optometry has played in the health care scene, past, present and future. It addresses the ethical, moral, and legal obligations a Doctor of Optometry accepts when entering the field as a health care provider. It also covers elementary concepts of refractive errors, binocularity and ocular diseases.

OPTOMETRIC THEORY & METHODS I**126 Hours**

The theory portion consists of understanding the purpose and meaning behind the procedures and the optics of the instruments utilized. Proper recording of data and patient instructions are emphasized. Procedures taught are the preliminary vision tests, refraction, keratometry, biomicroscopy, and retinoscopy.

SECONDARY CLINICS CARE**396 Hours**

In the fourth professional year the student will participate in a variety of specialty clinics (ophthalmological, neurological, electro-diagnostic, etc.) where he/she will be responsible for examination, diagnosis and management of the individual patient.

ANOMALIES OF BINOCULAR VISION I**72 Hours**

The testing, analysis, diagnosis and management of non-strabismus anomalies of ocular motility, accommodation and binocular vision. The utilization of lenses, prisms and vision therapy to ameliorate non-strabismic dysfunction will be presented.

ANOMALIES OF BINOCULAR VISION II**72 Hours**

The testing, analysis, diagnosis and management of strabismus and amblyopia will be covered in detail, as well as the utilization of lenses, prisms and vision therapy to ameliorate problems of strabismus and amblyopia.

LOW VISION (VISION REHABILITATION)**60 Hours**

Presents information regarding the etiology, demography, and clinical characteristics of low vision to permit a better understanding of the functional implications of visual impairment in the child and adult. A systematic approach to the diagnosis and management of visual disorders presenting within this special population with an emphasis on improving the quality of life and functional capacity of visually impaired persons through the application of magnifications, illumination control and visual field enhancement.

OPTOMETRIC THEORY & METHODS II**126 Hours**

Concentrates on continuing to develop understanding of the balance of procedures required to perform a comprehensive vision exam in order to enter vision clinics in the spring semester. The techniques to be taught consist of installation of drops, measuring intraocular pressure, examining the fundus using a binocular indirect ophthalmoscope, a direct ophthalmoscope, and a Volk 90 D lens. Binocular vision testing using a Vetrographic system will also be covered.

COLLEGE OF OPTOMETRY

CASE ANALYSIS

36 Hours

The purpose of the course is to analyze the data collected during the refractive portion of the vision exam and to determine appropriate treatment plans for refractive anomalies. The analysis consists of graphing the data and prescribing for the patient based on the graph, history, symptoms and problems presented by the patient.

PATIENT COMMUNICATIONS

36 Hours

Presents to students the history, regulating agencies, code of ethics, modes of practice, and associations of the optometric profession. In addition, legal issues and liability are stressed. Also covered are human interpersonal relations between doctor and patient.

PRIMARY CARE CLINIC I

90 Hours

The students begin their clinical experience examining patients in our satellite clinics. This course presents the procedure for management of patients in these clinics. It also presents special testing procedures and indications for their application, such as exophthalmometry, worth 4-DOT, gonioscopy, autorefraction, autokeratometry, and Goldmann visual fields.

PRIMARY CARE CLINIC II

170 Hours

This course continues the student's experience in patient examination. It also presents special testing procedures and indications for their use in clinical practice, such as computer application in practice, dynamic retinoscopy, examination of children, Schirmer tear test and Jones test.

PRIMARY CARE CLINIC III

306 Hours

This course continues the student's experience in patient examination. It also presents special testing procedures and indications for their use in clinical practice, such as the Goldmann Fundus lens, foreign body removal, rust ring removal, palpation of lymph nodes and carotid pulse auscultation.

PRIMARY CARE CLINIC IV

306 Hours

The student's clinical experience continues with additional information being presented on electrodiagnostic and other specialized testing.

PRIMARY CARE CLINIC V

160 Hours

Represents clinical rotations during the fourth academic year in a variety of college clinics. Students will work in close association with Osteopathic Medicine and Pharmacy.

PRIMARY CARE CLINIC VI

504 Hours

Represents clinical rotations during the fourth academic year in a variety of college clinics. Students will work in close association with Osteopathic Medicine and Pharmacy.

PRIMARY CARE CLINIC VII

216 Hours

Represents clinical rotations during the fourth professional year in a variety of college clinics. Students will work in close association with Osteopathic Medicine and Pharmacy.

CLINICAL SEMINAR II

36 Hours

Presentation of clinical cases demonstrating the basic and advanced principles of Optometric Care. These cases will be drawn from patients seen in clinics and will be supported by studies from the literature.

GERIATRIC OPTOMETRY**72 Hours**

Discusses aging from a sociological, psychological, and biophysiological perspective. Reviews the diagnosis and management of visual conditions and ocular diseases presenting in the well and frail older adult. Describes the roles of the optometric physician as an important member of the multidisciplinary health care team in providing services to community based and institutionalized geriatric patients.

PEDIATRIC OPTOMETRY**54 Hours**

Provides information concerning the visual needs of children and youth. This will enable the student to put into action his/her acquired knowledge in the areas on anomalies of binocular vision, abnormal vision development and visually related learning disabilities.

DEVELOPMENTAL VISION & LEARNING DISORDERS**36 Hours**

The course will present normal development, developmental disorders, testing of vision associated with abnormal development including visual perception. Also covered will be the role of the optometrist as an integral part of the multi-disciplinary team in management and therapy.

CONTACT LENSES I**72 Hours**

This course is designed as an introduction to the area of contact lenses. It will explore the history, technical and clinical aspects of lens materials as well as lens design and fitting.

CONTACT LENSES II**72 Hours**

This course will present theoretical and practical aspects of fitting hydrogel and advanced lens designs and materials with a working knowledge of fitting the more complex cases.

EPIDEMIOLOGY & PUBLIC HEALTH**54 Hours**

A review of the health care system from both optometric and public health perspectives. Basic public health concepts are presented emphasizing application in the optometric setting. Topics covered include principles of epidemiology and biostatistics, plus demographic analysis.

PRACTICE MANAGEMENT I**36 Hours**

The student is presented career path decisions and from this is developed the concepts of location, methods of financing, office design, and policies & procedures. Marketing, use of assistants, and management of the patient from first phone call until being placed in the inactive file, will also be covered.

PRACTICE MANAGEMENT II**36 Hours**

A more detailed study of employment opportunities, practice association or purchase, and how to select a lawyer, accountant, and financial advisor will be conducted. The student will also learn how to analyze a balance sheet, negotiate a bank loan and select staff and professionals. Issues of retirement will conclude the course.

ENVIRONMENTAL OPTOMETRY**30 Hours**

In this course the student will be taught the role of the optometrist in assessing and caring for the occupational and recreational visual needs of the patient.

CLINICAL SEMINAR I**36 Hours**

Presentation of clinical cases demonstrating the basic and advanced principles of Optometric Care. These cases will be drawn from patients seen in clinics and will be supported by studies from the literature.

COLLEGE OF OPTOMETRY

DISSERTATION (Selected Topics In Optometry)

36 Hours

The student will be required to complete a scholarly investigation into an approved topic after the presentation of the elements of a scholarly project, fundamentals of scientific inquiry, experimental design and analysis of data, and presentation of results.

Pathology

Associate Professors: A. Aran, S. Holbrook, M.A. Khin; **Assistant Professor:** K. Khin;
Instructor: D.A. Russo

PATHOPHYSIOLOGY & GENETICS

54 Hours

This general Pathology course will present the student with an introduction to the study of disease. For each organ system covered, special emphasis will be placed on how a particular disease manifests itself in the eye.

OCULAR DISEASE I

54 Hours

This course will cover the diagnosis and pharmacological management of the ocular adnexa, cornea and external diseases. Clinical rotations will emphasize treatment modalities.

OCULAR DISEASE II

54 Hours

This course will cover the diagnosis and management of disease processes associated with the crystalline lens and the structures that constitute the posterior segment of the eye.

OCULAR DISEASE III

54 Hours

This course will cover the diagnosis and management of disease processes associated with the ocular system in the area of neuropathology, oncology, and radiology. Clinical rotations will emphasize these subjects, i.e., diagnosis and treatment.

OCULAR DISEASE IV

54 Hours

This course will deal with the ocular manifestations of specific systemic diseases. It will address the physician's treatment modalities and effects on the ocular systems. Clinical grand rounds will aid in inter-disciplinary management of these problems.

CLINICAL MEDICINE

54 Hours

This course will cover the clinical process in the medical diagnosis and treatment of systemic diseases. Exposure to this subject matter will allow the Optometrist to better understand the management of sick patients, and potential ocular complications.

Pharmacology

Acting Chairman & Assistant Professor: J. Barakeh; **Adjunct Assistant Professor:** L. Crespo

GENERAL PHARMACOLOGY

90 Hours

This course begins with a thorough grounding in the principles of drug action. The classes of drugs used in clinical practice will be examined in detail, with particular emphasis on structure and activity, mode of action, side effects, toxicity and drug interactions. The pharmacological intervention of pathophysiological processes will be stressed as well as the clinical application of each drug class.

OCULAR PHARMACOLOGY

36 Hours

This course is a study of the drugs used in the eye or capable of exerting a pharmacological or toxicological effect on the eye.

Physiology

Professor & Chairman: H.J. Lyons; **Associate Professor:** B. Sturbaum; **Assistant Professor:** C. Woody

Human Physiology GENERAL PHYSIOLOGY

54 Hours

A comprehensive study of human physiology presented from an organ systems approach. This course will include the study of general (cell, membrane, muscle and blood) and cardiovascular physiology.

COLLEGE OF OPTOMETRY

Class of 1993

(Charter Class)

- Maria Adis**, Lauderhill
B.S. - Florida State University
- Ruth M. Arellano**, Miami
A.A. - Chaffey College
B.S. - University of California
- Abraham Boutros Awad**, Tampa
B.S. - Virginia Polytechnic Institute & State University
- Annette Bade**, Cliffside Park, NJ
B.A. - Emory University
- Robert J. Barnes**, Cranford, NJ
B.A. - Pennsylvania State University
- David Neal Brancati**, Cape Coral
B.S. - University of Florida
- Brian Thomas Burry**, Haines City
B.S. - University of Florida
- Michael Dean Chesen**, North Miami
A.A. - Miami Dade Community College
A.S. - Miami Dade Community College
B.S. - University of Florida
- Napoleon B. Cobb**, Orlando
B.S. - Howard University
- Cheri T. Colagross**, Birmingham, AL
B.S. - University of Alabama
- Leoncio Victor Gonzalez**, Tampa
B.A. - University of Florida
B.S. - University of Florida
- Muneer Hanna**, Jacksonville
Pre-Optometry - Jacksonville University
- Victor Angel Higuera**, Tampa
A.A. - Daytona Beach Community College
B.A. - University of South Florida
- Robert Jacobs**, North Miami Beach
Pre-Optometry - Colorado State University
- Ronnie D. Jeter**, Houston, TX
B.B.A. - North Texas State University
- Ralph Joseph Lamberto**, Utica, NY
B.A. - S.U.N.Y.
- Shahan Manaquikian**, Oviedo
B.S. - S.U.N.Y. at Albany
- Shari Nadira Murray**, Tampa
B.S. - University of Florida
- William Ralph Porter, Jr.**, Valrico
A.A. - Hillsborough Community College
B.S. - University of South Florida
- Alexis Rodriguez**, Hialeah
A.A. - Miami-Dade Community College
B.A. - University of South Florida
- Vivienne Laura Rosenbusch**, Boca Raton
O.D. - Techniken Witwatersrand (South Africa)
- Isabelle Agatha Rusczyk**, Jupiter
B.S. - University of South Florida
- Christine M. Scrodanus**, Saugerties, NY
B.A. - College of St. Rose
- Barbara Rita Sponheuer**, Tampa
A.A. - Edison Community College
Pre-Optometry - University of South Florida
- Preston Henry Starks**, Winston-Salem, NC
B.A. - East Carolina University
- Jennifer Marie Tasca**, Norristown, PA
B.S. - Indiana University of Pennsylvania
- Gillian A. Thomas**, Miami
B.A. - Emory University
M.P.H. - Florida International University
- William M. Warneck, Jr.**, Arlington, TX
B.A. - Monmouth College

Class of 1994

- Anita Ahuja** – Portland, OR
B.A. – Reed College
- Genia Gail Beasley** – Tampa
B.S. – North Carolina State University
- Marcus O. Benedetto** – Orlando
B.S. – University of Florida
M.S. – University of Florida
- Darren Robert Blom** – Jacksonville
A.A. – Florida Community College
- Kenneth D. Boyle** – Fort Lauderdale
B.S. – University of Florida
M.B.A. – University of Florida
- Robert David Butterwick** – Miramar
B.S. – Millersville University
- Cecilia Ines Cabrera** – Pembroke Pines
B.A. – St. Thomas University
- Jose Antonio Castillo** – Hialeah
A.S. – Miami-Dade Community College
B.S. – Florida Atlantic University
- Jewell Renee Chang** – Jensen Beach
B.S. – University of South Florida
- Ardis Clement** – Pittsburgh, PA
A.S. – Community College of Allegheny
County
B.S. – California University of Pennsylvania
- Debbie S. Cohen** – Plainview, NY
B.A. – State University of New York
- Richard Jay Cohen** – Boca Raton
A.A. – New York City Community College
B.A. – Florida Atlantic University
- Dean Gerald Consiglio** – Cranston, RI
B.S. – Providence College
- Bruce Jay Consor** – Dallas, TX
A.A. – New York City Tech
A.S. – Kingsborough Community College
B.A. – Brooklyn College
- Kristina Dawn Emrick** – West Palm Beach
B.S. – University of South Florida
- David Shepard Forrest** – North Miami Beach
University of South Florida
- Wayne Golden** – St. Petersburg
B.S. – University of South Florida
- Ghassan Jamal Hanania** – Jacksonville
B.S. – Jacksonville University
- Rusk Stephen Harris** – Metairie, LA
Louisiana State University
- Stephen Hlis** – Deltona
B.S. – Clemson University
- Douglas Challenor Jones** – Pembroke Pines
A.S. – Miami-Dade Community College
B.S. – Nova University
- Jay Stephen Kaufman** – Beverly Hills, CA
B.A. – University of California
- Charles William Kinnaird** – Oradell, NJ
B.A. – West Virginia University
- Toni Lynn Licata** – Tampa
Hillsborough Community College
University of South Florida
- Slade Allen Lindquist** – South Sioux City, NE
B.S. – Kearney State College
- Daniel J. Llewellyn** – Glendale, NY
B.A. – Long Island University
- David J. Lopp** – Smyrna, GA
B.S. – Louisiana State University
- Mark S. Luedke** – Deerfield Beach
B.S. – Michigan Technological University
- Thomas M. Mahon** – Stone Mountain, GA
B.A. – Lagrange College
- Rosalyn Misdraji** – Miami Beach
A.A. – Miami-Dade Community College
B.A. – Florida International University
- Cheryl Mitchell** – Miami Shores
B.S. – Florida A & M University
- Thomas Albert Paar** – St. Petersburg
A.A. – St. Petersburg Junior College
- Arnie A. Patrick** – North Miami
B.A. – Brooklyn College
- Mischelle Lynn Percy** – Cottondale, AL
B.S. – University of Alabama

Charles Ivan Raleigh – DeLeon Springs
B.S. – Stetson University

Joseph Mario Reitano – New Port Richey
A.S. – Lee's McRae College
B.A. – Oglethorpe University

Terry Puglielli Rose – Tampa
B.S. – Barry University

Clarence Henry Russell, III – Tampa
University of South Florida

David Scott Shettle – Clearwater
B.S. – Northeast Missouri State University

Susannah Marie Shope – Naples
B.S. – Stetson University

Steven Lee Silverstone – Morganville, NJ
B.S. – Glassboro State College

Ingrid Simshauser – Tampa
University of South Florida

Arlese Carlette Sivils – Tampa
A.A. – Hillsborough Community College
B.A. – University of South Florida

Charlene D. Smith – Sneads
A.A. – Chipola Junior College
B.S. – University of Alabama

Jodi Lyn Stern – Miami
B.A. – University of Texas

Wallace Bruce Stewart – St. Louis, MO
B.S. – Pennsylvania State University

Neil Xuong Tran – San Jose, CA
A.S. – Ferris State University
B.S. – University of Michigan

Catherine Love Turlington – Blacksburg, VA
B.S. – Virginia Polytechnic Institute

Jane - Marie Uong Thuy-Tho – Dorchester, MA
B.A. – University of Saigon
B.S. – University of Saigon
M.A. – Harvard University

Robert Hugh Wilds – Columbia, SC
B.S. – College of Charleston

Peggy Jane Winchell – San Antonio, TX
A.A. – Youngstown State University
B.S. – Florida Southern College

Class of 1995

Lori Ann Abiusi – Lake Worth
A.A. – Palm Beach Community College

Arsenio Arbitag – Miami
B.A. – University of Florida

Jack Rodney Abramson – West Bloomfield, MI
B.A. – Wayne State University

Vincent Barth Azzue – Inverness
St. Leo College

Dina Khaled Barakat – Fremont, CA
B.A. – University of California

Gary Berman – Royal Palm Beach
B.A. – Brandeis University

Betty Lynn Borsky – Miami Beach
B.A. – University of Florida

Steven Craig Bovio – Bradenton
A.A. – Santa Fe Community College

Michael Oscar Broder – Mississauga, Canada
D.C.S. – Loyola College
B.Sc. – Concordia University
M.B.A. – Concordia University

Brian Donlevy Bryan – Davie
B.S. – Howard University
B.S. – Southeastern College of Pharmacy

Michael Dennis Camp – Lockport, NY
A.A. – Erie Community College

Diane Marie Cates – Jacksonville
B.S. – Florida State University

Minh Tam Chu – Miami
A.A. – Miami-Dade Community College

Jimmie Ignazio Ciccarello – Temple City
B.S. – University of South Florida

Kate Colleen Claffie – Tampa
University of South Florida

Maria de los Angeles Cordova – Miami
B.S. – University of Florida

Kevin Charles Cotter – Lake Arrowhead, CA
B.S. – Humboldt State University

Marlene Cruz-Gonzalez – Miami
M.S. – Caribbean Center for Advanced Studies
M.D. – Universidad Central del Este

- Amir Cukierman** – Willowdale, Canada
B.A. – University of West Ontario
- Scott A. Dembinski** – Naples
B.A. – University of South Florida
- Tracy Lynn Dublirer** – Wyckoff, NJ
B.S. – Boston University
- Deborah Lisa Eisenberg** – N. Miami Beach
B.S. – Florida International University
- Scott Signey Emerson** – Los Banos, CA
Fresno State University
- David John Feenstra** – Cortland, OH
Ohio State University
- Anthony George Ferris** – Davie
B.S. – St. Joseph's University
- Charles William Ficco** – Denver, CO
B.A. – Colorado State University
- Bruce Fleischer** – N. Miami Beach
B.S. – University of Miami
- David Emilio Garcia** – Jackson Heights, NY
B.S. – New York Institute of Technology
- Rey Garrido, Jr.** – Gainesville
B.S. – University of Florida
- Ronald Brent Gasaway** – Memphis, TN
University of Arkansas
- Angela Rose Girello** – Longwood
B.S. – University of Central Florida
- Peter Louis Gomez** – Placentia, CA
B.A. – California State University
- Michael Allan Gordon** – Coral Springs
B.A. – Florida State University
- Anne Tula Goudanis** – Glenview, IL
B.S. – DePaul University
- Philip Benedict Guastella** – Hollywood
B.A. – St. Thomas University
- Walter Stallings Guerard** – Jackson, GA
B.A. – University of Tennessee
M.S.A. – Central Michigan University
- Raymond Amado Hermida** – Gainesville
B.S. – University of Florida
- Chequita Farina Hilversum** – Homestead
B.S. – Eckerd College
- Melanie E. Hoo-Fat** – Richmond Hill, Canada
B.S. – University of Waterloo
- Aram Farzad Khazraee** – Longwood
A.A. – Daytona Beach Community College
- Peter Matthew Langenfeld** – Pensacola
B.S. – Dakota State College
- Steven Jay Lowinger** – Aventura
B.S. – University of Florida
- Michael Glenn Madison** – Deltona
B.S. – Stetson University
- Steven Jon Manikowski** – Miami
B.S. – University of Iowa
- Daniel Rudolph McIntosh** – Jacksonville
A.A. – Florida Community College
- Maria Christina Memoli** – Lighthouse
B.A. – Florida Atlantic University
- Amy Beth Merenstein** – Hollywood
B.A. – University of Miami
- Robert Alan Middleton** – Syracuse
B.S. – State University of New York
- Rafael O. Mollega** – Chalmette, LA
University of Southwestern Louisiana
- Darren Keith Oppenheimer** – Key West
University of Florida
- Robert Johann Pachler** – Mississauga, Canada
University of Waterloo
- Maricarmen Perez-Blanco** – Coral Gables
B.S. – St. Thomas University
- Anthony James Potochick** – Orange Park
A.A. – University of Florida
- Sherrol Andrea Reynolds** – Ft. Lauderdale
B.S. – University of Florida
- Michele Anne Rogers** – El Segundo, CA
B.A. – California State University
- April L. Rouse** – West Palm Beach
A.A. – Palm Beach Community College
- Michael Joseph Santarcangelo** – Orlando
M.A. – University of Central Florida

Tracy Janet Scully – Richmond Hill, Ontario
University of Waterloo
York University

Manijeh Shafiemi – Memphis, TN
O.N.D. – Colchester Institute
B.S. – Colchester Institute

Donald Shapiro – Surfside
A.S. – Miami-Dade Community College
B.S. – S.U.C.O.

Janine Marie Sherry – Tampa
I.N.S. – University of South Florida

James M. Sinoway – Franklin Lakes, NJ
Northeastern University

Herleen Kaur Sodhi – N. Potomac, MD
University of D.C.

Vera Anayansi Soto – Ft. Lauderdale
Florida Atlantic University

Sandra Joanne Spender – Lantana
B.S. – University of South Florida

William Henry Stephen – Tampa
A.A. – Hillsborough Community College

Linh T. Ta – Tampa
B.S. – University of South Florida

Quyen Huu Tran – Palm Bay
B.A. – University of South Florida

Richard Todd Trites – New Brunswick,
Canada
B.A. – University of New Brunswick
B.S. – Mount Allison University

Sharon Ann Yee – Orlando
A.A. – Valencia Community College

Bobby Yee Yip – Sunrise
B.A. – Florida Atlantic University

University Faculty



- Stewart Abel** *Professor of Optometric Practice*
 B.S.E. - 1960 - University of Miami
 O.D. - 1973 - University of Houston
- Wanda S. Abel** *Associate Professor of Optometric Practice*
 B.S. - 1959 - University of Miami
 O.D. - 1974 - University of Houston
- Carmen Aceves-Blumenthal** *Assistant Professor of Pharmacy Practice*
 B.S. - 1977 - University of Illinois
 M.S. - 1984 - DePaul University
- Lee Adler** *Clinical Assistant Professor of Internal Medicine*
 B.S., B.Ph. - 1967 - Rutgers College of Pharmacy
 D.O. - 1972 - Philadelphia College of Osteopathic Medicine
- John A. Agostinelli** *Clinical Assistant Professor of General Practice*
 B.S. - 1961 - Duquesne University College of Pharmacy
 D.O. - 1965 - Chicago College of Osteopathic Medicine
 M.B.A. - 1989 - Barry University
- Seymour Alterman** *Clinical Professor of Internal Medicine*
 B.A. - 1944 - George Washington University
 M.D. - 1947 - George Washington University
- Richard B. Antosek** *Clinical Assistant Professor of Surgery*
 B.S. - 1977 - Villanova University
 D.O. - 1981 - Philadelphia College of Osteopathic Medicine
- Alberto Joaquin Aran** *Clinical Associate Professor of Optometry*
 B.S. - 1976 - Spring Hill College
 M.D. - 1981 - Tulane University
- George J. Arcos** *Instructor in Anesthesiology*
 B.S. - 1979 - University of Florida
 D.O. - 1983 - New York College of Osteopathic Medicine
- Paul J. Arnold** *Clinical Assistant Professor of Emergency Medicine*
 D.O. - 1976 - Kirksville College of Osteopathic Medicine
- Anuradha V. Athani** *Assistant Professor of Pharmaceutical Practice*
 B.S. - 1982 - University of Bombay
 M.S. - 1985 - Duquesne University
 Ph.D. - 1988 - Duquesne University
- Nancy W. Bacher** *Clinical Instructor of Psychiatry*
 B.A. - - University of Miami
 M.Ed. - - Florida Atlantic University
 Psy.D. - - Nova University
- Harold Bafitis** *Clinical Instructor of Surgery*
 B.S. - 1974 - University of Maryland
 D.O. - 1981 - Texas College of Osteopathic Medicine

- Joseph F. Barakah** *Assistant Professor of Pharmacology*
 B.A. - 1983 - Rollins College
 M.S. - 1986 - Emory University
 Ph.D. - 1988 - Emory University
- Daniel R. Barkus** *Professor of Obstetrics and Gynecology*
 B.A. - 1955 - Temple University
 D.O. - 1959 - Philadelphia College of Osteopathic Medicine
- Frank C. Barone** *Assistant Professor of Osteopathic Principles and Practice*
 B.A. - 1949 - University of Buffalo
 D.O. - 1956 - Philadelphia College of Osteopathic Medicine
- Charles C. Barton** *Clinical Associate Professor of Psychiatry*
 B.S. - 1969 - American University
 M.D. - 1973 - Meharry Medical College
- Edward Becker** *Clinical Instructor of Surgery*
 M.D. - 1976 - University of Central Del Este San Pedro
- Jeffrey S. Beitler** *Clinical Assistant Professor of Surgery*
 M.D. - 1972 - Bowman Gray
- Michael Belotti** *Clinical Instructor in General Practice*
 B.S. - 1979 - Allegheny College
 D.O. - 1983 - Philadelphia College of Osteopathic Medicine
- Richard Bennett** *Clinical Instructor in General Practice*
 B.A. - 1975 - University of Michigan
 D.O. - 1987 - Michigan State University College of Osteopathic Medicine
- Shaughn Bennett** *Clinical Instructor in General Practice*
 B.S. - 1974 - University of Florida
 D.O. - 1986 - Southeastern College of Osteopathic Medicine
- Robert L. Bentz** *Clinical Assistant Professor of Ophthalmology*
 B.S. - 1974 - University of Notre Dame
 D.O. - 1978 - Philadelphia College of Osteopathic Medicine
- Richard Berger** *Visiting Professor of Internal Medicine*
 M.D. - 1965 - Tulane University
- Manuel Bergman** *Instructor in Optometric Practice*
 B.H.L. - 1943 - Sperdus College, Chicago
 O.D. - 1945 - Illinois College of Optometry
- Donald C. Bergmann** *Professor Emeritus of Pathology*
 B.S. - 1942 - Baldwin-Wallace College
 D.O. - 1945 - Kirksville College of Osteopathic Medicine
 Fellow, College of American Pathologists
- Andrew Bern** *Clinical Instructor in Emergency Medicine*
 B.S. - 1972 - S.U.N.Y. at Stony Brook
 M.D. - 1976 - Downstate Medical Center S.U.N.Y.
 Fellow, American College of Emergency Physicians
- Eulogio Besada** *Assistant Professor of Optometry*
 M.S. - 1982 - University of Houston
 O.D. - 1989 - University of Houston

- Satish Bhalla** *Professor of General Practice*
 B.S. - 1963 - Panjab University, India
 Ph.D. - 1971 - Panjab University, India
- Gregory S. Birse** *Clinical Assistant Professor of Emergency Medicine*
 B.A. - 1967 - University of South Florida
 D.O. - 1971 - Chicago College of Osteopathic Medicine
- Jeffrey Bishop** *Clinical Instructor of General Practice*
 B.S. - 1978 - University of Nebraska
 D.O. - 1985 - Philadelphia College of Osteopathic Medicine
- Wayne Bizer** *Associate Professor of Ophthalmology*
 A.B. - 1966 - University of Louisville
 D.O. - 1972 - Chicago College of Osteopathic Medicine
- Cyril Blavo** *Assistant Professor of Pediatrics*
 B.S. - 1979 - Abilene Christian University
 M.S. - 1980 - Abilene Christian University
 D.O. - 1984 - Texas College of Osteopathic Medicine
 M.P.H. - 1988 - Tulane University School of Public Health
- Wilbur J. Blechman** *Clinical Associate Professor of Internal Medicine*
 B.S. - 1954 - Yale University
 M.D. - 1958 - Medical College of Virginia
- Julian J. Blitz** *Clinical Associate Professor of General Practice*
 B.S. - 1941 - Long Island University
 D.O. - 1945 - Philadelphia College of Osteopathic Medicine
- Stephen Blood** *Visiting Professor of Osteopathic Principles & Practice*
 B.S. - 1964 - University of Richmond
 D.O. - 1968 - Kirksville College of Osteopathic Medicine
 Fellow, American Academy of Osteopathy
 Fellow, American College of General Practitioners
- Richard Bloom** *Assistant Professor of Surgery*
 B.A. - 1972 - Arizona State University
 M.S. - 1974 - Arizona State University
 D.O. - 1978 - Philadelphia College of Osteopathic Medicine
- Michael Boehm** *Clinical Instructor of Internal Medicine*
 M.D. - 1976 - Case Western Reserve University
- Edgar B. Bolton, Jr.** *Clinical Associate Professor of Internal Medicine*
 B.S. - 1965 - Central Michigan University
 D.O. - 1969 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Chest Physicians
- Richard Bowman** *Clinical Instructor of General Practice*
 B.S. - 1962 - University of Arizona
 D.O. - 1966 - Kirksville College of Osteopathic Medicine
- Paul S. Boyne** *Clinical Assistant Professor of Psychiatry*
 M.D. - 1954 - University of London
- David Breazeale** *Clinical Instructor of General Practice*
 B.S. - 1973 - Michigan State University
 D.O. - 1978 - Michigan State University College of Osteopathic medicine

- Leslie G. Brewer** *Clinical Assistant Professor of Psychiatry*
D.O. - 1971 - Kirksville College of Osteopathic Medicine
- Edward W. Bringman** *Clinical Instructor in General Practice*
A.B. - 1954 - Berea College
M.S. - 1956 - Purdue
- Carl L. Brumback** *Professor Emeritus of Community Medicine*
A.B. - 1936 - University of Kansas
M.D. - 1943 - University of Kansas
MPH - 1948 - University of Michigan
Fellow, American College of Preventive Medicine
- Wayne Burrows** *Clinical Assistant Professor of Obstetrics and Gynecology*
M.D. - 1982 - Medical University of South Carolina
- Howard Busch** *Clinical Instructor of Internal Medicine*
B.S. - 1977 - Hobart University
D.O. - 1981 - New York College of Osteopathic Medicine
- Larry Bush** *Clinical Assistant Professor of General Practice*
B.A. - 1973 - University of Pennsylvania
M.D. - 1982 - Medical College of Pennsylvania
- Louis Butera** *Clinical Instructor of Internal Medicine*
B.S. - 1967 - Temple University
D.O. - 1978 - Philadelphia College of Osteopathic Medicine
- Michael F. Carelli** *Clinical Instructor in Optometry*
O.D. - 1990 - SUNY College of Optometry
- Marc S. Carp** *Assistant Professor of Internal Medicine*
B.A. - 1972 - University of Pennsylvania
M.D. - 1976 - Temple University
- Craig Carson** *Clinical Instructor in Otorhinolaryngology*
B.S. - 1973 - Brigham Young University
M.D. - 1977 - Creighton Medical School
- Manuel J. Carvajal** *Adjunct Professor of Pharmacy Administration*
B.A. - 1966 - Florida Atlantic University
M.S.A. - 1969 - University of Florida
Ph.D. - 1974 - University of Florida
- James J. Caschette** *Clinical Assistant Professor of Otorhinolaryngology*
B.A. - 1959 - University of Buffalo
D.O. - 1963 - Philadelphia College of Osteopathic Medicine
- Martin Casper** *Adjunct Associate Professor of Community Medicine*
B.A. - 1968 - American University
MPH - 1971 - Yale University
- Thomas Chaille** *Instructor in General Practice*
B.S. - 1977 - University of Florida
D.O. - 1983 - New England College of Osteopathic Medicine
- Louis Chaykin** *Clinical Associate Professor of Internal Medicine*
B.A. - 1957 - Temple University
M.D. - 1961 - Temple University
Fellow, American College of Physicians

- Philip Christ** *Clinical Instructor in Surgery*
 B.S. - 1978 - Ursinus College
 D.O. - 1982 - Philadelphia College of Osteopathic Medicine
- Jerry Ciocon** *Clinical Assistant of Internal Medicine*
 B.S. - 1976 - University of the Phillipines
 M.D. - 1980 - University of the Phillipines
- Edward H. Clouse** *Associate Professor of Pharmacy Administration*
 B.S. - 1973 - University of Florida
 B.S. - 1977 - University of Georgia
 Ph.D. - 1983 - University of Florida
- Carlos Eduardo Coelho** *Clinical Assistant Professor of Internal Medicine*
 M.D. - 1975 - School of Medicine of the Federal University
- Stanley Cohen** *Professor of Humanities*
 B.S. - 1950 - Rutgers University
 M.Ed. - 1955 - Temple University
 Ed.D. - 1965 - Temple University
- Robert A. Collins** *Clinical Associate Professor of General Practice*
 D.O. - 1967 - University of Health Sciences/College of Osteopathic Medicine
- David Condoluci** *Visiting Assistant Professor of Internal Medicine*
 D.O. - 1976 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1976 - Philadelphia College of Osteopathic Medicine
- Gerald R. Conover** *Professor of Anatomy*
 B.S. - 1964 - University of Michigan
 Ph.D. - 1969 - University of Michigan
- Robert B. Contrucci** *Assistant Professor of Otorhinolaryngology*
 B.S. - 1976 - St. John's University
 D.O. - 1982 - Philadelphia College of Osteopathic Medicine
- Carlos F. Corrales** *Associate Professor of Internal Medicine*
 B.S. - 1966 - University of Miami
 D.O. - 1970 - College of Osteopathic Medicine & Surgery
- Gary J. Cowen** *Assistant Professor of Internal Medicine*
 B.A. - 1969 - University of Pennsylvania
 M.D. - 1974 - University of Miami School of Medicine
- John Coyle** *Clinical Assistant Professor of Emergency Medicine*
 B.A. - 1979 - St. Michael's College
 D.O. - 1984 - New England College of Osteopathic Medicine
- Lynn Crespo** *Adjunct Assistant Professor of Pharmacology*
 B.A. - 1980 - Indiana University
 Ph.D. - 1985 - S.U.N.Y. Health Science Center
- Stanley Crossman** *Associate Professor of Optometry*
 O.D. - 1948 - Pennsylvania College of Optometry
- Barry J. Cutler** *Clinical Associate Professor of Neurology*
 B.S. - 1968 - Albright College
 M.D. - 1973 - Hahnemann Medical College

- Robert Cutler** *Clinical Instructor of Proctology*
 B.S. - 1980 - University of Delaware
 D.O. - 1984 - New England College of Osteopathic Medicine
- Carlos C. da Camara** *Assistant Professor of Pharmacy Practice*
 B.S. - 1981 - Inter-American University of Puerto Rico
 B.S. - 1984 - Massachusetts College of Pharmacy
 Pharm. D. - 1986 - Massachusetts College of Pharmacy
- Gary Dalin** *Clinical Assistant Professor of Pharmaceutical Sciences*
 B.S. - 1973 - St. Louis College of Pharmacy
 M.S. - 1974 - Temple University
- Marianne Davenport** *Clinical Instructor in General Practice*
 B.S. - 1969 - University of Maryland
 P.N.P. - 1975 - University of Virginia
- Linda Delo** *Clinical Instructor of General Practice*
 B.A. - 1981 - University of Florida
 D.O. - 1986 - Southeastern College of Osteopathic Medicine
- James Deming** *Associate Professor, Psychiatry*
 B.S. - 1978 - University of Miami
 M.D. - 1982 - University of Miami School of Medicine
- Izidro B. DeMoraes** *Clinical Assistant Professor of Emergency Medicine*
 M.D. - 1972 - Fed. Fluminense University Medical School
- Paul E. Dermer** *Clinical Assistant Professor of Dermatology*
 B.A. - 1967 - Brooklyn College
 M.D. - 1971 - New York University School of Medicine
- Lisa M. Deziel-Evans** *Assistant Professor of Pharmacy Practice*
 B.S. - 1983 - Mercer University
 Pharm. D. - 1984 - Mercer University
- Daniel Di Angelis** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1967 - St. Joseph's University
 D.O. - 1978 - College of Osteopathic Medicine & Surgery
- Robert L. Di Giovanni** *Clinical Assistant Professor of Internal Medicine*
 D.O. - 1982 - Kirksville College of Osteopathic Medicine
- Lori B. Nash Dribin** *Associate Professor of Anatomy*
 B.A. - 1972 - Northwestern University
 M.S. - 1973 - Northwestern University
 Ph.D. - 1975 - Northwestern University
- Norbert J. Duda** *Clinical Assistant Professor of Psychiatry*
 Ph.D. - 1975 - Laval University
- Yvonne Duffe** *Instructor in General Practice*
 B.S. - 1981 - Florida Southern College
 D.O. - 1985 - Southeastern College of Osteopathic Medicine
- David J. Duncan** *Associate Professor of Otorhinolaryngology*
 D.O. - 1961 - Kirksville College of Osteopathic Medicine

- Scott Duncan** *Clinical Instructor of Obstetrics and Gynecology*
 B.A. - 1977 - Central College
 D.O. - 1980 - College of Osteopathic Medicine & Surgery
- Perry M. Dworkin** *Professor of Radiology*
 D.O. - 1965 - College of Osteopathic Medicine and Surgery
- Juergen G. Eisermann** *Assistant Professor of Internal Medicine*
 B.S. - 1976 - University of Munich
 M.D. - 1980 - University of Munich School of Medicine
- Eric T. Elmquist** *Assistant Professor of Internal Medicine*
 D.O. - 1981 - University of the Health Sciences/College of Osteopathic Medicine
- Grover C. Ericson** *Professor of Anatomy*
 B.A. - 1964 - North Central College
 M.S. - 1968 - Loyola University School of Medicine
 Ph.D. - 1972 - Loyola University School of Medicine
- James C. Eutzler** *Clinical Associate Professor of Emergency Medicine*
 B.S. - 1971 - Carroll College
 D.O. - 1975 - Chicago College of Osteopathic Medicine
 Fellow, American College of Osteopathic Emergency Physicians
- Richard Farber** *Clinical Instructor in Radiology*
 B.S. - 1978 - University of Florida
 M.D. - 1982 - University of Florida
- Paul Farkas** *Adjunct Professor of Optometry*
 O.D. - 1958 - Pennsylvania College of Optometry
- Oscar Farmati** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1948 - Lyceum M. Eminescu, Roumania
 M.D. - 1954 - University of Cluj, Roumania
- Larry Farmer** *Clinical Instructor in Internal Medicine*
 B.S. - 1971 - University of Dubuque
 D.O. - 1984 - University of Health Sciences/College of Osteopathic Medicine
- Michael Farrell** *Clinical Instructor in Emergency Medicine*
 M.D. - 1975 - University of Liverpool School of Medicine
 Fellow, American College of Emergency Physicians
- Arnold L. Feiner** *Instructor in Psychiatry*
 B.A. - 1967 - Brooklyn College
 M.S.W. - 1969 - Adelphi University
 Ph.D. - 1979 - University of Miami
- Barry Feingold** *Associate Professor of Emergency Medicine*
 B.S. - 1971 - Temple University
 D.O. - 1975 - Philadelphia College of Osteopathic Medicine
- Arthur Feldman** *Clinical Associate Professor of General Practice*
 B.S. - 1947 - Muhlenberg College
 D.O. - 1951 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of General Practitioners

- Israel Feldman** *Clinical Professor of Dermatology*
 Ph.G. - 1924 - Philadelphia College of Pharmacy & Science
 D.O. - 1940 - Philadelphia College of Osteopathic Medicine
 Fellow, American Osteopathic College of Dermatology
- Robert A. J. Fernandez** *Associate Professor of General Practice*
 B.A. - 1976 - City University of New York
 D.O. - 1982 - Michigan State University College of Osteopathic Medicine
 M.P.H. - 1989 - Florida International University
- Ira Fialko** *Clinical Assistant Professor of Pediatrics*
 B.A. - 1978 - LaSalle College
 D.O. - 1981 - College of Osteopathic Medicine & Surgery
- Allan N. Fields** *Clinical Associate Professor of Surgery*
 B.S. - 1963 - Fairleigh Dickinson University
 D.O. - 1967 - Philadelphia College of Osteopathic Medicine
- Winifred Fili** *Clinical Assistant Professor of Emergency Medicine*
 B.A. - 1974 - Boston University
 M.D. - 1983 - University of Miami
- Richard Finkel** *Instructor in Pharmaceutical Sciences*
 B.S. - 1956 - University of Florida
- Daniel M. Finkelstein** *Professor of Radiology*
 B.A. - 1943 - New York University
 D.O. - 1946 - Philadelphia College of Osteopathic Medicine
- Mark Finkelstein** *Adjunct Assistant Professor of Radiology*
 B.A. - 1976 - University of Miami
 D.O. - 1980 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1985 - Philadelphia College of Osteopathic Medicine
- John T. Fischer** *Clinical Associate Professor of Obstetrics and Gynecology*
 B.S. - 1950 - University of Notre Dame
 D.O. - 1954 - Chicago College of Osteopathic Medicine
- Gary Fishman** *Clinical Instructor of Psychiatry*
 B.S. - 1970 - Wayne State University
 D.O. - 1976 - Michigan State University College of Osteopathic Medicine
- Walter B. Flesner, III** *Clinical Assistant Professor of General Practice*
 B.S. - 1976 - University of Illinois
 M.S. - 1977 - University of Illinois
 D.O. - 1981 - Chicago College of Osteopathic Medicine
- Emanuel Fliegelman** *Visiting Professor of Humanities*
 B.S. - 1937 - St. Joseph's College
 D.O. - 1942 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Obstetricians & Gynecologists
- Jeffrey Fox** *Clinical Instructor in Internal Medicine*
 D.O. - 1977 - College of Osteopathic Medicine & Surgery
- M. S. Fox** *Clinical Associate Professor of General Practice*
 B.S. - 1951 - St. Louis College of Pharmacy
 D.O. - 1956 - Kirksville College of Osteopathic Medicine

- Susan Fox** *Clinical Instructor in Obstetrics and Gynecology*
 B.A. - 1976 - Florida International University
 D.O. - 1979 - College of Osteopathic Medicine & Surgery
- Mark S. Franklin** *Clinical Instructor in General Practice*
 B.S. - 1975 - George Williams College
 D.O. - 1979 - Chicago College of Osteopathic Medicine
- Stanley Frankowitz** *Assistant Clinical Professor of Internal Medicine*
 B.A. - 1960 - University of Dayton
 D.O. - 1967 - Kansas City College of Osteopathic Medicine
- Elizabeth Frenzel-Shepherd** *Assistant Professor of Pharmacy Practice*
 B.S. - 1980 - Arnold & Marie Schwartz College of Pharmacy
 M.B.A. - 1987 - Florida International University
- Lincoln Fry** *Professor of General Practice*
 B.A. - 1964 - San Francisco State University
 M.A. - 1968 - California State University
 Ph.D. - 1972 - University of Southern California
 Ph.D. - 1990 - Mississippi State University
- Roland E. Gaudette** *Professor of Optometry*
 B.A. - 1951 - Assumption College
 O.D. - 1962 - Massachusetts College of Optometry
- David M. Gazze** *Assistant Professor of Pharmaceutical Sciences*
 B.S. - 1980 - University of Pittsburgh
 Ph.D. - 1987 - University of Pittsburgh
- U. William Geertz** *Clinical Assistant Professor of Psychiatry*
 Ph.D. - 1959 - Innsbruck University
- Mitchell Ghen** *Clinical Assistant Professor of General Practice*
 B.A. - 1972 - Temple University
 D.O. - 1979 - Philadelphia College of Osteopathic Medicine
- Robert H. Gillon** *Clinical Associate Professor of Surgery*
 B.A. - 1951 - Temple University
 D.O. - 1955 - College of Osteopathic Medicine & Surgery
 Fellow, American Osteopathic College of Proctology
- Bob Gilman** *Associate Professor of Optics*
 B.S. - 1956 - Mississippi State University
 M.S. - 1958 - Stanford University
 B.S. - 1973 - University of Alabama
 O.D. - 1975 - University of Alabama
- Marshall F. Gilula** *Instructor in Psychiatry*
 B.S. - 1960 - Harvard University
 M.D. - 1965 - University of Missouri
- Eugene L. Gitin** *Clinical Associate Professor of Emergency Medicine*
 B.A. - 1956 - Hobart College
 M.D. - 1969 - Downstate Medical Center S.U.N.Y.
- Cliff M. Glasser** *Clinical Associate Professor of Internal Medicine*
 B.A. - 1974 - S.U.N.Y. at Buffalo
 D.O. - 1978 - College of Osteopathic Medicine and Surgery

- Anita Gleimer** *Professor of Medical Communications*
 B.A. - 1971 - Florida Atlantic University
 M.B.A. - 1986 - Nova University
- Ronald Goldberg** *Visiting Associate Professor of General Practice*
 B.S. - 1954 - Dickinson College
 D.O. - 1959 - Philadelphia College of Osteopathic Medicine
- Martin J. Goldstein** *Professor of General Practice*
 B.A. - 1939 - New York University
 D.O. - 1945 - Philadelphia College of Osteopathic Medicine
- Jorge A. Gonzalez** *Clinical Assistant Professor of General Practice*
 A.A. - 1975 - Miami Dade Community College
 B.S. - 1978 - University of Miami
 D.O. - 1983 - New Jersey School of Osteopathic Medicine
- Mark W. Gordon** *Clinical Assistant Professor of Surgery*
 B.S. - 1963 - Ursinus College
 M.D. - 1967 - Jefferson Medical College
- Scott Gorman** *Assistant Professor of Optometry*
 O.D. - 1973 - Southern College of Optometry
- David M. Gorson** *Clinical Assistant Professor of Internal Medicine*
 M.D. - 1981 - Pennsylvania State University/College of Medicine
- Jay S. Gottlieb** *Clinical Assistant Professor of Otorhinolaryngology*
 B.S. - 1974 - University of Michigan
 D.O. - 1977 - College of Osteopathic Medicine & Surgery
- Tamer Gozleveli** *Instructor in General Practice*
 B.A. - 1977 - Pensacola Junior College
 B.S. - 1979 - University of West Florida
 D.O. - 1987 - Southeastern College of Osteopathic Medicine
- Bertram Grapin** *Clinical Assistant Professor of Internal Medicine*
 M.D. - 1961 - Temple University
- A. Alvin Greber** *Professor of Internal Medicine*
 B.A. - 1954 - University of Pennsylvania
 D.O. - 1958 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Maxwell Greenhouse** *Assistant Professor of Osteopathic Principles & Practice*
 B.A. - 1939 - Webster University
 D.O. - 1939 - College of Osteopathic Medicine & Surgery
 M.S. - 1943 - Kansas University
 D.P.H. - 1943 - Kansas University
- Jerome A. Greenspan** *Clinical Assistant Professor of Surgery*
 B.S. - 1945 - Temple University
 D.S.C. - 1949 - Temple University
 B.S. - 1950 - Philadelphia College of Pharmacy and Science
 D.O. - 1954 - Philadelphia College of Osteopathic Medicine
 Fellow, American Osteopathic College of Proctology
- Robert C. Greer, IV** *Clinical Assistant Professor of General Practice*
 B.S. - 1974 - Texas Christian College
 D.O. - 1977 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of General Practitioners

- Julian Groff** *Clinical Associate Professor of Otorhinolaryngology*
 M.D. - 1957 - University of Amsterdam (Holland)
 Fellow, American Academy of Otorhinolaryngology and Ophthalmology
 Fellow, American College of Surgeons
 Fellow, American Academy of Facial Plastic and Reconstructive Surgery
 Fellow, American Society for Head and Neck Surgery
- Edye Elizabeth Groseclose** *Associate Professor of Biochemistry*
 B.S. - 1965 - University of Miami
 Ph.D. - 1978 - University of Miami School of Medicine
- Alan K. Gruskin** *Clinical Associate Professor of General Practice*
 B.S. - 1977 - Fairleigh Dickenson University
 D.O. - 1981 - New York College of Osteopathic Medicine
- Dean Guadagna** *Clinical Instructor in General Practice*
 B.S. - 1982 - Auburn University
 D.O. - 1988 - Southeastern College of Osteopathic Medicine
- Douglas C. Gula** *Clinical Instructor in Surgery*
 B.S. - 1976 - Ohio State University
 D.O. - 1981 - Ohio University College of Osteopathic Medicine
- Duff L. Gula** *Associate Professor of Orthopedic Surgery*
 B.A. - 1963 - DePauw University
 D.O. - 1968 - Philadelphia College of Osteopathic Medicine
- Robert J. Guliner** *Clinical Assistant Professor of Ophthalmology*
 B.A. - 1970 - Hunter College
 D.O. - 1974 - University of Health Sciences / College of Osteopathic Medicine
- Howard Hada** *Associate Professor of Microbiology*
 B.A. - 1974 - University of Texas
 M.S. - 1977 - University of Texas
 Ph.D. - 1981 - University of Houston
- Michael Ham-Ying** *Clinical Assistant Professor of General Practice*
 B.A. - 1977 - Oakland College
 M.D. - 1981 - Meharry Medical College
- Robert S. Hand** *Clinical Assistant Professor of General Practice*
 B.S. - 1957 - Columbia University
 D.O. - 1968 - College of Osteopathic Medicine & Surgery
- Harvey J. Hanel** *Assistant Professor of Pharmacy Practice*
 B.S. - 1983 - No. Dakota State University
 Pharm. D. - 1988 - No. Dakota State University
- Andrew Hano** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1973 - Northwestern University
 D.O. - 1977 - College of Osteopathic Medicine & Surgery
- William D. Hardigan** *Professor of Pharmacy Administration*
 B.S. - 1954 - University of Wyoming
 M.S. - 1959 - University of Wyoming
 Ph.D. - 1973 - University of Arizona

- Ian Hassin** *Clinical Instructor of General Practice*
 B.S. - 1964 - Wayne State University
 D.O. - 1968 - Chicago College of Osteopathic Medicine
- Ralph E. Hathaway** *Clinical Assistant Professor of General Practice*
 D.O. - 1964 - University of Health Sciences/College of Osteopathic Medicine
- Daniel Hauser** *Clinical Instructor in Emergency Medicine*
 B.A. - 1970 - Tulane University
 M.D. - 1978 - University of Montpelier School of Medicine
- Anna Hayden** *Clinical Instructor in General Practice*
 B.S. - 1983 - Seton Hall University
 D.O. - 1988 - University of Health Sciences/College of Osteopathic Medicine
- Shirley M. Haynes** *Clinical Associate Professor of Pediatrics*
 B.S. - 1975 - Tulsa University
 D.O. - 1978 - Oklahoma College of Osteopathic Medicine and Surgery
- Frederico Herrera** *Clinical Assistant Professor of General Practice*
 M.D. - 1947 - University of Havana School of Medicine
- Edward D. Hersh** *Professor Emeritus of Ophthalmology*
 D.O. 1940 - Kirksville College of Osteopathic Medicine
 Fellow, Osteopathic College of Ophthalmology & Otorhinolaryngology
- A. Curtis Higginbotham** *Professor Emeritus of Anatomy*
 B.S. - 1935 - Northwestern University
 Ph.D. - 1939 - Northwestern University
- Frances Higginbotham** *Professor Emeritus of Anatomy*
 A.B. - 1962 - West Virginia University
 M.S. - 1964 - West Virginia University
 Ph.D. - 1966 - West Virginia University
- Bruce Hindin** *Clinical Instructor in Anesthesiology*
 B.S. - 1976 - University of Illinois
 D.O. - 1980 - Chicago College of Osteopathic Medicine
- Kirtland E. Hobler** *Assistant Professor of Surgery*
 M.D. - 1962 - SUNY at Syracuse
 Ph.D. - 1969 - Marquette University
- Robert A. Hoffberger** *Clinical Associate Professor of Surgery*
 D.O. - 1968 - College of Osteopathic Medicine & Surgery
- Steven E. Holbrook** *Clinical Associate Professor of Optometry*
 B.A. - 1981 - Indiana University
 O.D. - 1985 - Indiana University
- David G. Hooper** *Clinical Associate Professor of General Practice*
 B.S. - 1963 - Portland State University
 M.D. - 1967 - University of Oregon Medical School
- Bruce S. Horowitz** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1972 - New York Institute of Technology
 D.O. - 1977 - University of Health Sciences/College of Osteopathic Medicine
- Robert Horowitz** *Instructor in Optometric Practice*
 B.S. - 1977 - Pennsylvania College of Optometry
 O.D. - 1981 - Pennsylvania College of Optometry

- James G. Hull** *Clinical Associate Professor of General Practice*
 B.S. - 1948 - Stetson University
 D.O. - 1952 - University of Health Sciences /College of Osteopathic Medicine
- Howard M. Israel** *Clinical Assistant Professor of Psychiatry*
 A.B. - 1964 - Hunter College
 M.A. - 1965 - University of Oklahoma
 Ph.D. - 1970 - University of Montana
- Jeffrey I. Jackerson** *Clinical Associate Professor of Radiology*
 B.A. - 1971 - Case Western Reserve University
 D.O. - 1975 - Philadelphia College of Osteopathic Medicine
- William Jacobs** *Clinical Assistant Professor of General Practice*
 B.S. - 1980 - State University of New York
 D.O. - 1984 - New York College of Osteopathic Medicine
- Marvin Jaffee** *Clinical Assistant Professor of Internal Medicine*
 D.O. - 1962 - College of Osteopathic Medicine and Surgery
- Edward S. Jaffry** *Associate Professor of Pharmacy Administration*
 B.A. - 1954 - University of Miami
 J.D. - 1957 - University of Miami
- Deanna R. James** *Clinical Instructor in Community Medicine*
 B.A. - 1979 - Smith College
 M.D. - 1983 - Tufts University School of Medicine
- Lester E. Janoff** *Professor of Optometry*
 O.D. - 1953 - Pennsylvania College of Optometry
 M.Sc. - 1975 - University of Southern California
- Paul S. Jellinger** *Assistant Professor of Internal Medicine*
 B.A. - 1964 - Hobart College
 M.D. - 1969 - Wayne State University
- William Jensen** *Clinical Instructor in General Practice*
 B.S. - 1983 - Florida Southern College
 D.O. - 1988 - Chicago College of Osteopathic Medicine
- Audrey M. Johnson** *Clinical Assistant Professor of Pediatrics*
 B.A. - 1974 - Ohio State University
 D.O. - 1980 - Ohio University College of Osteopathic Medicine
- Barron Johnson** *Assistant Professor of Pediatrics*
 B.S. - 1977 - University of the West Indies
 M.B. - 1982 - University of the West Indies
- H. Bruce Jones** *Clinical Associate Professor of Psychiatry*
 A.B. - 1960 - Seton Hall University
 M.D. - 1964 - Seton Hall College of Medicine and Dentistry
- J.B. Joye** *Clinical Associate Professor of Psychiatry*
 D.O. - 1953 - Philadelphia College of Osteopathic Medicine

- Steven L. Kanner** *Clinical Instructor in Internal Medicine*
 B.S. - 1975 - Muhlenberg College
 D.O. - 1979 - College of Osteopathic Medicine & Surgery
- Michael E. Kasabian** *Clinical Instructor of General Practice*
 B.S. - 1980 - State University of New York
 D.O. - 1984 - Philadelphia College of Osteopathic Medicine
- Ronald B. Kaufman** *Professor of Internal Medicine*
 B.S. - 1953 - University of Wisconsin
 D.O. 1957 - Chicago College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Stanley B. Kaye** *Professor of Surgery*
 B.A. - 1949 - University of Arizona
 D.O. - 1954 - University of Health Sciences/College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Edward O. Keith** *Assistant Professor of Biochemistry*
 B.S. - 1975 - Colorado State University
 M.S. - 1978 - Colorado State University
 Ph.D. - 1984 - University of California
- Marc M. Kesselman** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1978 - University of Miami
 D.O. - 1986 - College of Osteopathic Medicine & Surgery
- Ma Ma Kathleen Khin** *Assistant Professor of Pathology*
 B.S. - 1957 - Rangoon University
 D.C.P. - 1965 - University of London
 D.Path. - 1965 - RCP, RCS, England
- Maung Aung Khin** *Associate Professor of Pathology*
 M.B., B.S. - 1957 - Rangoon University
 Ph.D. - 1965 - University of Liverpool
- Richard Kidd** *Clinical Instructor in General Practice*
 B.S. - 1966 - Central Michigan University
 D.O. - 1970 - Kirksville College of Osteopathic Medicine
- Harold Kirsh** *Associate Professor of Proctology*
 D.O. - 1946 - Philadelphia College of Osteopathic Medicine
 Fellow, American Osteopathic College of Proctology
- William D. Kirsh** *Assistant Professor of General Practice and Community Medicine*
 B.S. - 1981 - Florida State University
 D.O. - 1985 - Southeastern College of Osteopathic Medicine
 M.P.H. - 1987 - John Hopkins University
- Richard A. Kiszonas** *Clinical Professor of Radiology*
 B.S. - 1952 - Ursinus College
 D.O. - 1958 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1963 - Philadelphia College of Osteopathic Medicine
- Roger L. Klingaman** *Assistant Professor of Optometric Clinical Science*
 B.S. - 1965 - Florida State University
 M.Ed. - 1968 - University of Florida
 Ph.D. - 1976 - St. Louis University

- Richard D. Knapp** *Clinical Assistant Professor of Community Medicine*
B.A. - 1971 - Philadelphia College of Osteopathic Medicine
- Prasad Kondapavuluru** *Clinical Instructor in Internal Medicine*
M.D. - 1978 - Gunta Medical College
- Barry M. Krein** *Clinical Assistant Professor of Internal Medicine*
B.S. - 1969 - Adelphi University
D.O. - 1973 - Philadelphia College of Osteopathic Medicine
- Richard Kreinest** *Clinical Assistant Professor of Obstetrics and Gynecology*
M.D. - 1982 - University of Cincinnati School of Medicine
- Richard A. Kronstadt** *Clinical Associate Professor of Obstetrics and Gynecology*
B.A. - 1965 - Temple University
D.O. - 1969 - Chicago College of Osteopathic Medicine
- Neil F. Krouse** *Clinical Instructor of General Practice*
B.S. - 1964 - Farleigh Dickinson University
D.O. - 1968 - Des Moines College of Osteopathic Medicine
- Michael Krutchik** *Clinical Instructor in General Practice*
B.A. - 1984 - Florida State University
D.O. - 1988 - Southeastern College of Osteopathic Medicine
- George Kucker** *Adjunct Professor of Microbiology*
Ph.Ch. - 1930 - Columbia University College of Pharmacy
B.S. - 1933 - New York University
M.D. - 1964 - Bern University
Fellow, American Academy of Family Practice
- David Kudelko** *Clinical Assistant Professor of General Practice*
D.O. - 1973 - Kirksville College of Osteopathic Medicine
- Paul E. Kudelko** *Clinical Assistant Professor of Internal Medicine*
D.O. - 1967 - Kirksville College of Osteopathic Medicine
Fellow, American College of Osteopathic Internists
- Peter Lamelas** *Clinical Instructor of Emergency Medicine*
M.D. - 1981 - Universidad Central Del Este School of Medicine
- Mark Lamet** *Assistant Professor of Internal Medicine*
B.S. - 1975 - Brooklyn College
M.D. - 1979 - SUNY at Stony Brook
- Louis Lang, III** *Clinical Associate Professor of Pathology*
D.O. - 1968 - Philadelphia College of Osteopathic Medicine
Fellow, College of American Pathologists
- John C. Lanning** *Assistant Professor of Anatomy*
B.S.A. - 1976 - Frostberg State
Ph.D. - 1980 - West Virginia University
- Joseph J. LaPeyra** *Clinical Associate Professor of Psychiatry*
M.D. - 1963 - University of Salamanca
- Richard Laskody** *Clinical Professor of Surgery*
B.S. - 1962 - Purdue University
D.O. - 1968 - Chicago College of Osteopathic Medicine
Fellow, American College of Abdominal Surgeons

- Albert La Torra** *Clinical Associate Professor of Surgery*
 B.S. - 1954 - St. Joseph's College
 D.O. - 1961 - Chicago College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Francine Greco Latos** *Clinical Instructor in Emergency Medicine*
 B.S. - 1977 - Marshall University
 D.O. - 1982 - West Virginia School of Osteopathic Medicine
- Michael Latterman** *Clinical Instructor in Emergency Medicine*
 B.S. - 1977 - Middlebury College
 D.O. - 1981 - College of Osteopathic Medicine & Surgery
- Harold E. Laubach** *Professor of Microbiology*
 B.S. - 1968 - Southwestern Oklahoma State University
 M.S. - 1975 - Oklahoma State University
 Ph.D. 1977 - Oklahoma State University
- Elise R. Leonard** *Clinical Assistant Professor of Ophthalmology*
 B.A. - 1974 - New York University
 M.D. - 1978 - New York University School of Medicine
- Jonathan B. Leslie** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1972 - University of Miami
 D.O. - 1976 - College of Osteopathic Medicine & Surgery
- Joel Levien** *Clinical Instructor of Internal Medicine*
 B.A. - 1968 - New York University
 M.D. - 1974 - University of Miami
- David B. Levine** *Assistant Professor of General Practice*
 B.A. - 1966 - Adelphi University
 D.P.M. - 1970 - New York College of Podiatric Medicine
 D.O. - 1982 - New York College of Osteopathic Medicine
- Elliot G. Levy** *Assistant Professor of Internal Medicine*
 B.S. - 1967 - Carnegie Institute of Technology
 M.D. - 1971 - Northwestern University Medical School
- Robert John Lewis** *Clinical Instructor of General Practice*
 B.A. - 1958 - University of Connecticut
 D.O. - 1962 - Philadelphia College of Osteopathic Medicine
- Cathryn W. Liberson** *Clinical Assistant Professor of Psychiatry*
 B.A. - 1960 - Oklahoma City University
 M.S. - 1968 - University of Oklahoma
 Ph.D. - 1973 - Loyola University of Chicago
- David L. Liporace** *Clinical Instructor of Internal Medicine*
 B.A. - 1980 - St. Michael's College
 D.O. - 1985 - New York College of Osteopathic Medicine
- Fred Lippman** *Professor of Community Medicine*
 B.S. - 1958 - Columbia College
- John W. Lister** *Visiting Professor of Internal Medicine*
 B.S. - 1954 - New York University
 M.D. - 1959 - University of Basel

- Jerry M. Littlefield** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1963 - Georgia Institute of Technology
 D.O. - 1977 - Philadelphia College of Osteopathic Medicine
- Michael A. Longo** *Emeritus Professor of Surgery*
 B.S. - 1942 - St. John's University
 D.O. - 1946 - University of Health Sciences/College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Patricia Lisa Lowery** *Clinical Assistant Professor of Anesthesiology*
 B.S. - 1978 - Concord College
 D.O. - 1983 - West Virginia School of Osteopathic Medicine
- Philip William Ludwig** *Clinical Instructor of Internal Medicine*
 B.S. - 1971 - University of Manitoba
 M.D. - 1975 - University of Manitoba
- Herold M. Lynn** *Clinical Assistant Professor of Obstetrics and Gynecology*
 B.S. - 1961 - University of Texas
 D.O. - 1965 - College of Osteopathic Medicine & Surgery
 Fellow, American College of Osteopathic Obstetricians and Gynecologists
- John Jay Lyons** *Professor of Physiology*
 B.S. - 1966 - Brigham Young University
 M.S. - 1968 - Brigham Young University
 Ph.D. - 1973 - University of New Mexico
- Paul Magalian** *Associate Professor of Pharmacy Administration*
 B.S. - 1945 - Rhode Island College of Pharmacy
 B.S. - 1948 - Memphis State University
 C.H.A. - 1955 - University of Georgia
 Ph.D. - 1980 - University of Oxford
- Robert Maliner** *Clinical Assistant Professor of Otorhinolaryngology*
 B.S. - 1956 - Union College
 M.D. - 1960 - Albany Medical College
 Fellow, American Academy of Otorhinolaryngology
- Donald Martin Mall** *Clinical Instructor of Internal Medicine*
 B.A. - 1970 - University of Illinois
 D.O. - 1975 - Chicago College of Osteopathic Medicine
- Ferdinand Manlio** *Clinical Professor of Radiology*
 B.S. - 1957 - St. Josephs College
 D.O. - 1961 - Philadelphia College of Osteopathic Medicine
- Alan Marcus** *Clinical Instructor of Internal Medicine*
 B.A. - 1964 - University of Pennsylvania
 D.O. - 1969 - Philadelphia College of Osteopathic Medicine
- Donald Marcus** *Clinical Associate Professor of Pediatrics*
 B.A. - 1972 - Washington University
 D.O. - 1976 - College of Osteopathic Medicine & Surgery
- Max Marcus** *Clinical Associate Professor of Pediatrics*
 B.A. - 1942 - Brooklyn College
 D.O. - 1945 - Philadelphia College of Osteopathic Medicine

- Steven A. Markow** *Associate Professor of Optometry*
 B.S. - 1975 - University of Massachusetts
 O.D. - 1981 - New England College of Optometry
- Ella J. Marsh** *Clinical Associate Professor of Pediatrics*
 B.S. - 1963 - St. Mary-of-the-Woods College
 D.O. - 1971 - Chicago College of Osteopathic Medicine
- David M. Masters** *Professor of Psychiatry*
 B.A. - 1954 - University of Pennsylvania
 D.O. - 1947 - Philadelphia College of Osteopathic Medicine
- Donald McBath** *Clinical Assistant Professor of General Practice*
 B.A. - 1957 - University of Florida
 D.O. - 1969 - Kansas City College of Osteopathic Medicine
- Malcolm H. McDonald** *Clinical Associate Professor of Surgery*
 B.S. - 1965 - Michigan State University
 D.O. - 1969 - Chicago College of Osteopathic Medicine
- William Howard McGill** *Clinical Instructor in Psychiatry*
 B.A. - 1976 - Brown University
 M.D. - 1981 - Meharry Medical College
- Martha McKay** *Associate Professor of Optometric Practice*
 B.S. - 1981 - Pacific University, Oregon
 O.D. - 1983 - Pacific University, College of Optometry
- Archie McLean** *Clinical Instructor in General Practice*
 A.B. - 1977 - Bowdoin College
 M.P.H. - 1978 - University of South Carolina
 D.O. - 1988 - Southeastern College of Osteopathic Medicine
- Arnold Melnick** *Professor of Pediatrics and Medical Communications*
 A.B. - 1941 - Temple University
 M.A. - 1948 - Temple University
 D.O. - 1945 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1953 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Pediatricians
 Fellow, American College of Osteopathic Obstetricians and Gynecologists
- Michael Meloni** *Clinical Instructor in Emergency Medicine*
 B.A. - 1972 - University of Pennsylvania
 M.D. - 1976 - Jefferson Medical College
- David A. Miller** *Clinical Assistant Professor of Internal Medicine*
 M.S. - 1976 - Rutgers University
 M.D. - 1982 - University of Medicine & Dentistry of New Jersey
- Jules G. Minkes** *Clinical Associate Professor of Internal Medicine*
 D.O. - 1962 - Kirksville College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Richard Mischia** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1965 - Kent State University
 D.O. - 1970 - Kirksville College of Osteopathic Medicine
- Christopher Mondello** *Instructor in General Practice*
 B.S. - 1982 - Stetson University
 D.O. - 1988 - Southeastern College of Osteopathic Medicine

- Harris H. Mones** *Clinical Associate Professor of Community Medicine*
 B.S. - 1976 - University of Miami
 D.O. - 1979 - College Of Osteopathic Medicine & Surgery
- Joan Mones** *Clinical Assistant Professor of Pathology*
 B.A. - 1975 - University of California
 D.O. - 1979 - College of Osteopathic Medicine & Surgery
- Gelcys M. Montes de Oca** *Assistant Professor of Pharmacy Practice*
 A.A. - 1983 - Miami Dade Community College
 Pharm. D. - 1987 - University of Florida
- Marc Morganstine** *Clinical Professor of Community Medicine*
 B.S. - 1965 - Moravian College
 D.O. - 1969 - Philadelphia College of Osteopathic Medicine
 M.S. - 1979 - Nova University
- Morton J. Morris** *Professor of Surgery*
 B.A. - 1952 - Temple University
 D.O. - 1956 - Kirksville College of Osteopathic Medicine
 J.D. - 1981 - University of Miami Law School
 Fellow, American College of Osteopathic Surgeons
 Fellow, American Osteopathic College of Orthopedics
 Fellow, College of American Quality Assurance and Utilization Physicians
- David Mosch** *Clinical Instructor in General Practice*
 B.S. - 1984 - Westminster College
 D.O. - 1988 - Southeastern College of Osteopathic Medicine
- Susan Mosler** *Clinical Assistant Professor of General Practice*
 B.S. - 1977 - University of Connecticut
 M.D. - 1988 - Georgetown University School of Medicine
- Ivan G. Murray** *Instructor in Radiology*
 B.S. - 1978 - Purdue University
 M.D. - 1982 - Tulane University School of Medicine
- Charles B. Mutter** *Associate Professor of Psychiatry*
 B.S. - 1954 - University of Miami
 M.D. - 1959 - University of Miami School of Medicine
- Joseph J. Namey** *Professor of General Practice*
 B.S. - 1949 - Theil College
 D.O. - 1963 - Kirksville College of Osteopathic Medicine
 Fellow, American College of General Practitioners
 Fellow, American Osteopathic College of Allergy & Immunology
 Fellow, American Osteopathic College of Rheumatology
- Joseph Namey, Jr.** *Clinical Instructor in Internal Medicine*
 D.O. - 1987 - Southeastern College of Osteopathic Medicine
- Shamia S. Narayan** *Assistant Professor of Pharmaceutical Sciences*
 B.Pharm. - 1963 - University of Bombay
 M.S. - 1966 - Ohio State University
 Ph.D. - 1989 - Washington State University
- Neil A. Natkow** *Professor of General Practice*
 A.B. - 1968 - Indiana University
 D.O. - 1972 - University of Health Sciences /College of Osteopathic Medicine
 Fellow, American College of General Practitioners

- Howard Neer** *Professor of General Practice*
 B.A. - 1949 - Miami University
 D.O. - 1954 - Chicago College of Osteopathic Medicine and Surgery
- John A. Neely** *Clinical Assistant Professor of Surgery*
 B.S. - 1959 - University of Michigan
 D.O. - 1963 - Kirksville College of Osteopathic Medicine
- Burton M. Nelson** *Clinical Assistant Professor of General Practice*
 B.A. - 1962 - University of Miami
 D.O. - 1971 - Chicago College of Osteopathic Medicine
- Alan A. Netzman** *Clinical Instructor in Surgery*
 B.A. - 1976 - Temple University
 D.O. - 1980 - College of Osteopathic Medicine & Surgery
- Jack Newcomer, Jr.** *Instructor in General Practice*
 B.A. - 1971 - University of Miami
 M.D. - 1981 - Universidad Centro de Estudios Tecnológicos
- Marvin Newman** *Clinical Assistant Professor of Obstetrics and Gynecology*
 B.A. - 1963 - Rutgers University
 D.O. - 1969 - University of Health Sciences / College of Osteopathic Medicine
 Fellow, American College of Obstetricians and Gynecologists
- Steven D. Obenauf** *Assistant Professor of Microbiology*
 B.S. - 1977 - Florida Atlantic University
 Ph.D. - 1982 - University of Miami
- Daniel J. O'Dea** *Clinical Instructor of Internal Medicine*
 B.S. - 1979 - Rensselaer Polytechnic Institute
 M.D. - 1983 - New York Medical College
- Taeho Oh** *Assistant Professor of Pharmaceutical Sciences*
 B.S. - 1980 - Juniata College
 B.S. - 1983 - Ohio State University
 M.S. - 1986 - Ohio State University
- Dennis J. O'Leary** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1971 - Manhattan College
 D.O. - 1977 - Philadelphia College of Osteopathic Medicine
- Robert S. Oller** *Clinical Assistant Professor of General Practice*
 B.A. - 1965 - University of California
 D.O. - 1969 - Kirksville College of Osteopathic Medicine
- Morris R. Osattin** *Clinical Professor of Pathology*
 A.B. - 1944 - Temple University
 D.O. - 1947 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1950 - Philadelphia College of Osteopathic Medicine
 Fellow, American Osteopathic College of Pathology
 Fellow, College of American Pathologists
- Ivan Osorio** *Clinical Associate Professor of Neurology*
 M.D. - 1973 - Universidad del Valle
- Anthony N. Ottaviani** *Clinical Associate Professor of Internal Medicine*
 B.A. - 1964 - Gannon College
 D.O. - 1968 - University of Health Sciences / College of Osteopathic Medicine

- Arthur G. Pappas** *Clinical Assistant Professor of General Practice*
 B.S. - 1952 - Springfield College
 D.O. - 1957 - Philadelphia College of Osteopathic Medicine
- Herbert Pardell** *Assistant Professor of Internal Medicine*
 B.A. - 1954 - New York University
 D.O. - 1958 - Kirksville College of Osteopathic Medicine
- Manuel Perez-Espinosa** *Clinical Associate Professor of General Practice*
 B.S. - 1950 - Institute de Segunda Ensenanza de Vedado
 M.D. - 1960 - University of Havana School of Medicine
- Robert L. Perraud** *Clinical Associate Professor of General Practice*
 B.S. - 1950 - Kent State University
 D.O. - 1954 - Kirksville College of Osteopathic Medicine
- Jose Pineda** *Clinical Instructor in Surgery*
 B.S. - 1980 - City College
 M.D. - 1984 - Universidad Antonoma de Santo Domingo
- Marshall Plotka** *Clinical Instructor in Emergency Medicine*
 B.S. - 1976 - Duke University
 M.D. - 1980 - Duke University
- Alvin C. Powell** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1978 - Columbia University
 M.D. - 1982 - Tufts University School of Medicine
- Howard Purcell** *Assistant Clinical Professor of Optometry*
 B.S. - 1981 - New England College of Optometry
 O.D. - 1984 - New England College of Optometry
- Bodo E. Pyko** *Clinical Associate Professor of Radiology*
 B.S. - 1963 - Florida State University
 D.O. - 1967 - Kirksville College of Osteopathic Medicine
- Charles B. Radlauer** *Clinical Professor of Surgery*
 M.D. - 1961 - George Washington University
 Fellow, American College of Surgeons
- David L. Ragonesi** *Clinical Assistant Professor of Pediatrics*
 B.A. - 1980 - Houghton College
 M.D. - 1984 - University of Rochester School of Medicine
- Neil Randall** *Clinical Instructor in Internal Medicine*
 B.A. - 1978 - University of Virginia
 M.D. - 1983 - University of Maryland
- Robert Rappel** *Clinical Associate Professor of Surgery*
 B.S. - 1959 - Fairleigh Dickinson University
 D.O. - 1962 - Kirksville College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Michael A. Ravitsky** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1969 - Delaware Valley College
 D.O. - 1973 - University of Health Sciences / College of Osteopathic Medicine
- Russell J. Raye** *Adjunct Clinical Professor of Optometry*
 B.A. - 1972 - Kent State University
 O.D. - 1978 - Southern College of Optometry

- Melvyn Rech** *Professor of Surgery*
 A.B. - 1960 - Temple University
 D.O. - 1965 - Kirksville College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
 Fellow, American Osteopathic College of Orthopedics
- Daniel R. Reider** *Associate Professor of General Practice*
 B.S. - 1949 - Rutgers University
 D.O. - 1955 - Chicago College of Osteopathy
- Kathryn Reiter** *Assistant Professor of General Practice*
 B.S. - 1979 - Michigan State University
 M.S. - 1984 - Barry University
 Ed.D. - 1989 - Florida International University
- Sidney R. Rente, Jr.** *Clinical Professor of Radiology*
 B.A. - 1951 - Albion College
 D.O. - 1955 - Philadelphia College of Osteopathic Medicine
- Eric Rentz** *Associate Professor of Osteopathic Principles & Practice*
 B.S. - 1979 - University of Iowa
 D.O. - 1985 - Kirksville College of Osteopathic Medicine
- Dwight Reynolds** *Clinical Assistant Professor of Emergency Medicine*
 B.S. - 1974 - Michigan State University
 M.D. - 1978 - Michigan State University College of Human Medicine
- Karen M.C. Rhodes** *Clinical Instructor in General Practice*
 D.O. - 1982 - Michigan State University
- Dana Richard** *Clinical Instructor in General Practice*
 B.A. - 1979 - California State University
 D.O. - 1984 - Ohio State University of Osteopathic Medicine
- Donald W. Robertson** *Instructor in Emergency Medicine*
 B.S. - 1977 - Greensboro College
 P.A. - 1979 - Bowman Gray School of Medicine of Wake Forest University
 D.O. - 1987 - West Virginia School of Osteopathic Medicine
- Ann P. Rodriguez-Hutchinson** *Clinical Instructor in General Practice*
 B.S. - 1981 - City University of New York
 M.D. - 1985 - UMDNJ-RWJUH (Formerly Rutgers University)
- Richard Rosen** *Instructor in General Practice*
 B.S. - 1971 - Pennsylvania State University
 D.O. - 1975 - Philadelphia College of Osteopathic Medicine
- Marc Rosenblatt** *Clinical Assistant Professor of General Practice*
 B.A. - 1977 - New York University
 D.O. - 1980 - College of Osteopathic Medicine & Surgery
- Morton Rosenbluth** *Clinical Associate Professor of Community Medicine*
 B.A. - 1943 - New York University
 D.D.S. - 1946 - New York University College of Dentistry
 Fellow, American College of Dentists
- Mark Rosenthal** *Instructor in General Practice*
 B.S. - 1982 - University of Pennsylvania
 D.O. - 1987 - New York College of Osteopathic Medicine

- Joseph Rosin** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1970 - University of Wisconsin
 D.O. - 1973 - Michigan State University College of Osteopathic Medicine
- Allan L. Rubin** *Clinical Assistant Professor of Ophthalmology*
 B.S. - 1962 - Marietta College
 D.O. - 1967 - University of Health Sciences/College of Osteopathic Medicine
- Denise A. Russo** *Instructor in Pathology*
 B.A. - 1975 - Albertus Magnus College
 M.S. - 1979 - University of Dayton
 Ph.D. - 1989 - S.U.N.Y.
- Hormoz Saber** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1961 - Washington University
 D.O. - 1965 - Kirksville College of Osteopathic Medicine
- Roderick C. Salach** *Professor Emeritus of Otorhinolaryngology*
 B.S. - 1950 - Loyola University
 D.O. - 1955 - Chicago College of Osteopathic Medicine
 Fellow, Osteopathic College of Ophthalmology and Otorhinolaryngology
- Virgilio D. Salanga** *Clinical Associate Professor of Internal Medicine*
 M.S. - 1967 - University of Santo Tomas
 M.D. - 1973 - University of Santo Tomas
- David B. Saltzman** *Assistant Clinical Professor of Internal Medicine*
 B.A. - 1967 - Temple University
 D.O. - 1972 - Philadelphia College of Osteopathic Medicine
- Edward W. Sandall** *Clinical Instructor in Internal Medicine*
 B.A. - 1956 - Nebraska State University
 M.D. - 1960 - Nebraska College of Medicine
- Edward Sarama** *Adjunct Clinical Instructor in Emergency Medicine*
 D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Chitto P. Sarkar** *Clinical Instructor in General Practice*
 B.S. - 1969 - Calcutta University
 M.S. - 1971 - Calcutta University
 Ph.D. - 1978 - Calcutta University
 D.O. - 1987 - Kirksville College of Osteopathic Medicine
- Christopher James Schubert** *Clinical Assistant Professor of Pediatrics*
 B.A. - 1975 - Wake Forest University
 M.A. - 1978 - Wake Forest University
 M.D. - 1981 - Bowman Gray School of Medicine
- Charles I. Schulman** *Clinical Associate Professor of Internal Medicine*
 R.Ph. - 1953 - Long Island University College of Pharmacy
 D.O. - 1957 - Chicago College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Allen F. Schultz** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1967 - Rutgers University
 D.O. - 1971 - Chicago College of Osteopathic Medicine

- Hartley A. Schwartzberg** *Associate Professor of Dermatology*
 B.A. - 1963 - University of Rochester
 D.O. - 1967 - College of Osteopathic Medicine & Surgery
- Roger Schwartzberg** *Clinical Assistant Professor of Internal Medicine*
 B.A. - 1970 - Syracuse University
 D.O. - 1973 - Michigan State University College of Osteopathic Medicine
- Robert H. Sculthorpe** *Associate Professor of Anesthesiology*
 B.S. - 1970 - University of Nebraska
 D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Juan J. Serra** *Clinical Assistant Professor of General Practice*
 B.A. - 1947 - Institute of Santa Clara
 M.D. - 1954 - University of Havana School of Medicine
- Mark Sesto** *Instructor in Surgery*
 B.S. - 1977 - University of Pittsburgh
 M.D. - 1982 - University of Pittsburgh
- Alvin J. Shapiro** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1953 - Wayne State University
 D.O. - 1957 - College of Osteopathic Medicine & Surgery
 Fellow, American College of Osteopathic Internists
- Daniel E. Shaw** *Assistant Professor of General Practice*
 A.A. - 1971 - Miami Dade Community College
 B.S. - 1974 - University of Florida
 M.Ed. - 1975 - University of Florida
 Ed.S. - 1978 - University of Florida
 Ph.D. - 1981 - University of Florida
- Geoffrey Siegel** *Clinical Assistant Professor of Dermatology*
 B.S. - 1964 - University of Miami
 D.O. - 1972 - College of Osteopathic Medicine & Surgery
- Bradley Silverman** *Clinical Instructor in Surgery*
 B.S. - 1980 - University of Florida
 D.O. - 1985 - Southeastern College of Osteopathic Medicine
- Morton W. Silverman** *Associate Professor of Optometry*
 B.S. - 1972 - Muehlenberg College
 D.O. - 1977 - Philadelphia College of Osteopathic Medicine
- Stanley Silverman** *Clinical Assistant Professor of Emergency Medicine*
 Special Projects Officer (ret.), Dade County Fire Department Emergency Medical Service
- William M. Silverman** *Clinical Assistant Professor of General Practice*
 B.S. - 1972 - Muehlenberg College
 D.O. - 1977 - Philadelphia College of Osteopathic Medicine
- David Simon** *Clinical Instructor of General Practice*
 B.S. - 1977 - Rutgers University
 D.O. - 1984 - Philadelphia College of Osteopathic Medicine
- Sharon Simpson** *Assistant Professor of Anatomy*
 B.S. - 1972 - University of Vermont
 M.A. - 1973 - University of Vermont
 M.S. - 1976 - University of Vermont
 Ph.D. - 1981 - University of Illinois

- Jerry H. Singer** *Clinical Instructor in Surgery*
 B.A. - 1976 - Columbia College
 M.D. - 1980 - New York University
- Hilary A. Skluth** *Assistant Professor of Pharmacy Practice*
 A.A. - 1984 - University of Florida
 Pharm. D. - 1988 - University of Florida
- Stanley E. Skopit** *Clinical Assistant Professor of Dermatology*
 B.S. - 1967 - University of Miami
 M.S. - 1972 - Drake University
 D.O. - 1977 - College of Osteopathic Medicine & Surgery
- B.B. Slaughter** *Clinical Associate Professor of General Practice*
 D.O. - 1951 - Kirksville College of Osteopathic Medicine
- Matthew Smith** *Clinical Instructor in Internal Medicine*
 B.S. - 1979 - Dickenson College
 D.O. - 1983 - New England College of Osteopathic Medicine
- Morton T. Smith** *Professor of General Practice*
 B.S. - 1956 - Franklin & Marshall College
 D.O. - 1960 - Philadelphia College of Osteopathic Medicine
- Randy Snodgrass** *Clinical Instructor in Emergency Medicine*
 B.A. - 1973 - Berkley College
 D.O. - 1981 - West Virginia School of Osteopathic Medicine
- Arthur Snyder** *Professor of Osteopathic Principles & Practice*
 D.O. - 1944 - Philadelphia College of Osteopathic Medicine
- Jack Solomon** *Clinical Professor of Optometry*
 B.S. - 1950 - Pennsylvania State University
 D.O. - 1960 - Illinois College of Optometry
- Joel Z. Spike** *Associate Professor of Humanities*
 B.S. - 1967 - Albright College
 D.O. - 1971 - Kirksville College of Osteopathic Medicine
 Fellow, International Council of Sex Education & Parenthood
- Dennis M. Spiller** *Clinical Associate Professor of Internal Medicine*
 B.A. - 1964 - University of Delaware
 D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Carl Spirozza** *Clinical Instructor in General Practice*
 B.S. - 1980 - Widener University
 D.O. - 1984 - Philadelphia College of Osteopathic Medicine
- Daniel Lewis Spitz** *Clinical Instructor in Internal Medicine*
 B.S. - 1974 - Brooklyn College
 M.D. - 1980 - Medical University of South Carolina
- B.L. Stalnak** *Clinical Professor of Obstetrics and Gynecology*
 B.A. - 1956 - University of Florida
 M.D. - 1960 - University of Florida
 Fellow, American College of Obstetricians and Gynecologists

- Hartley R. Steinsnyder** *Visiting Professor of Surgery*
 D.O. - 1947 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1953 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Wynne A. Steinsnyder** *Professor of Surgery*
 A.B. - 1950 - University of Pennsylvania
 D.O. - 1954 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
- Joseph G. Stella** *Clinical Professor of Radiology*
 B.S. - 1947 - East Stroudsburg State College
 D.O. - 1951 - Kirksville College of Osteopathic Medicine
- Arthur T. Stillman** *Clinical Assistant Professor of Psychiatry*
 M.D. - 1944 - University of Toronto
- Laurence P. Stillman** *Clinical Assistant Professor of General Practice*
 B.S. - 1962 - Temple University
 D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Stuart Strikowski** *Clinical Assistant Professor of General Practice*
 B.A. - 1973 - Pennsylvania State University
 D.O. - 1977 - College of Osteopathic Medicine & Surgery
- Barbara Sturbaum** *Associate Professor of Physiology*
 B.S. - 1959 - Marquette University
 M.S. - 1961 - Marquette University
 Ph.D. - 1972 - University of New Mexico
- Robert L. Sullivan II** *Assistant Clinical Professor of Optometry*
 B.S. - 1985 - University of Florida
 O.D. - 1990 - Illinois College of Optometry
- Arthur B. Surloff** *Professor of Neurology*
 D.O. - 1966 - Chicago College of Osteopathic Medicine
- Hal Sussman** *Clinical Instructor in Otorhinolaryngology*
 B.S. - 1976 - State University of Cortland
 D.O. - 1981 - College of Osteopathic Medicine and Surgery
- Janet Sutton** *Assistant Professor of General Practice*
 B.S. - 1974 - Saginaw Valley State College
 D.O. - 1979 - College of Osteopathic Medicine & Surgery
- B. Boyce Swartz** *Professor of Surgery*
 B.S. - 1941 - University of Pittsburgh
 D.O. - 1944 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Surgeons
 Fellow, American Osteopathic Academy of Orthopedics
- Scott A. Swigart** *Associate Professor of Clinical Pharmacy*
 B.S. - 1979 - Wayne State University
 Pharm.D. - 1982 - University of Nebraska
- Stanley Tenenbaum** *Clinical Instructor of Emergency Medicine*
 B.A. - 1975 - City University of New York (CUNY)
 M.D. - 1979 - Albert Einstein College of Medicine

- Matthew A. Terry** *Professor of General Practice*
 B.S. - 1971 - University of Florida
 D.O. - 1975 - Michigan State University College of Osteopathic Medicine
 M.A. - 1980 - Michigan State University
 Fellow, American College of General Practitioners
- Morton Terry** *Professor of Internal Medicine*
 B.A. - 1942 - Brooklyn College
 D.O. - 1945 - Philadelphia College of Osteopathic Medicine
 M.Sc. - 1950 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Evan B. Tow** *Clinical Assistant Professor of Emergency Medicine*
 B.S. - 1972 - LaSalle College
 D.O. - 1977 - College of Osteopathic Medicine and Surgery
- John W. Triplett** *Associate Professor of Pharmaceutical Sciences*
 B.S. - 1970 - University of Kentucky
 Ph.D. - 1977 - University of Kentucky
- Neil B. Tytler, Jr.** *Clinical Assistant Professor of Internal Medicine*
 B.S. - 1969 - Ursinus College
 D.O. - 1974 - Philadelphia College of Osteopathic Medicine
- Louis S. Ulin** *Clinical Assistant Professor of Emergency Medicine*
 B.A. - 1970 - University of Tennessee
 M.D. - 1973 - University of Tennessee
- John W. Upledger** *Professor of Osteopathic Principles & Practice*
 B.A. - 1953 - Wayne State University
 D.O. - 1963 - Kirksville College of Osteopathic Medicine
 Fellow, American Academy of Osteopathy
- Plato E. Varidin** *Clinical Associate Professor of Community Medicine*
 B.S. - 1950 - University of Dayton
 D.O. - 1954 - Kirksville College of Osteopathic Medicine
 Fellow, American College of General Practitioners
- Neal Warshoff** *Clinical Instructor of Internal Medicine*
 B.S. - 1980 - University of New Hampshire
 D.O. - 1984 - New England College of Osteopathic Medicine
- Howard Weinstock** *Clinical Associate Professor of Surgery*
 B.S. - 1950 - University of Florida
 D.O. - 1955 - Kirksville College of Osteopathic Medicine
 Fellow, American Osteopathic College of Proctology
- Geoffrey Weisbaum** *Clinical Associate Professor of Pathology*
 B.S. - 1967 - University of Florida
 D.O. - 1972 - University of Health Sciences / College of Osteopathic Medicine
 Fellow, College of American Pathologists
- Jeffrey I. Weisberg** *Clinical Instructor in Internal Medicine*
 B.A. - 1967 - Brooklyn College
 D.O. - 1971 - University of Health Sciences / College of Osteopathic Medicine
- David Weissberger** *Clinical Instructor in Internal Medicine*
 A.B. - 1970 - Temple University
 M.D. - 1974 - Pennsylvania State University

- C. David Wingfield** *Clinical Associate Professor of Internal Medicine*
 B.S. - 1959 - Gettysburg College
 D.O. - 1963 - Philadelphia College of Osteopathic Medicine
 Fellow, American College of Osteopathic Internists
- Kenneth H. Woodside** *Professor of Biochemistry*
 A.B. - 1959 - Oberlin College
 Ph.D. - 1969 - University of Rochester
- Cheryl A. Woodson** *Assistant Professor of General Practice*
 B.S. - 1981 - Nova University
 M.S. - 1983 - Nova University
 Psy.D. - 1987 - Florida Institute of Technology
- Charles J. Woody** *Assistant Professor of Physiology*
 B.S. - 1977 - Michigan State University
 M.S. - 1981 - Western Michigan University
 Ph.D. - 1984 - University of Illinois
- Ronald Ziegler** *Clinical Assistant Professor of Pathology*
 D.O. - 1960 - Kirksville College of Osteopathic Medicine
 Fellow, College of American Pathologists
- Raymond Zlamal** *Assistant Professor of Pharmaceutical Sciences*
 B.S. - 1969 - University of Kentucky
 B.S.P. - 1972 - University of Kentucky
 B.S. - 1988 - Barry University
- Steven B. Zucker** *Associate Professor of Community Medicine*
 B.A. - 1969 - University of Pennsylvania
 D.M.D. - 1973 - University of Connecticut School of Dental Medicine
 M.Ed. - 1973 - University of Hartford

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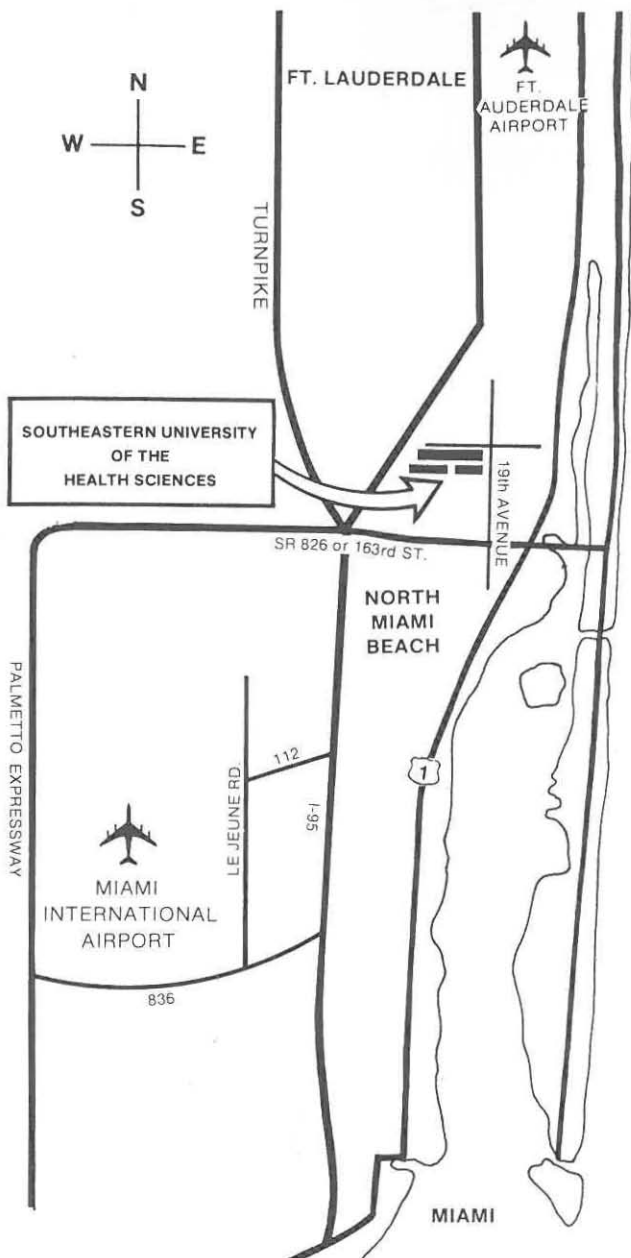
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DIRECTIONS:

From the Fort Lauderdale-Hollywood International Airport, take Interstate 95 South to the Miami Gardens Drive exit. Turn left (east) on Miami Gardens Drive. Continue east to N.E. 19th Avenue. Turn right (south) on N.E. 19th Avenue. Continue south to N.E. 167th Street. Turn right (west) to campus complex.

From the Miami International Airport, take Interstate 95 North to State Route 826 East. Continue east on State Route 826 which curves south and becomes N.E. 163rd Street. Continue east to N.E. 19th Avenue. Turn left (north) on to N.E. 163rd Street. Continue north over the canal bridge and turn left (west) at N.E. 167th Street.

NOTE: Only major arteries are depicted and distances are compressed.

College of Osteopathic Medicine
College of Pharmacy
College of Optometry

1750 N.E. 167th Street

North Miami Beach, FL 33162-3017

(305) 949-4000

