

THE "3 + 4" ACCELERATED PROGRAM IN PRIMARY CARE

An Affiliation Agreement Between

**The Lake Erie College
of Osteopathic Medicine**

and

The Pennsylvania State University at Erie, The Behrend College

BACKGROUND

The Lake Erie College of Osteopathic Medicine (LECOM) and The Pennsylvania State University at Erie, The Behrend College (PSB) hereby agree to cooperate in the training of future practitioners of primary care medicine. Under the joint agreement between LECOM and PSB, selected undergraduate students who have successfully completed specific core course requirements at PSB may continue their education in medicine at LECOM in an accelerated program of study. This accelerated academic program is referred to as *The "3 + 4" Accelerated Program in Primary Care (or Program)*.

The *Program* is comprised of two phases: Phase I consists of the first three years of undergraduate education at PSB; Phase II consists of the remaining four years of medical school education at LECOM and its associated clinical training sites. PSB will confer the Bachelor of Science (B.S.) degree in Biology to PSB students who have successfully completed the PSB courses in Phase I (minimum 103 credits) at PSB and the first year of LECOM's academic curriculum.

PHASE I

Students will be admitted to the PSB Phase (Phase I) of the *Program* based upon the following criteria:

- | | |
|------------------------------------|---|
| 1. SAT Combined Score | 1200 |
| 2. High School Grade Point Average | 3.5 |
| 3. High School Class Rank | Top 25% of the class |
| 4. Residency | Preference given to
Pennsylvania, eastern Ohio,
and southwestern New York
residents from rural areas |
| 5. Potential | Additional evidence of
scholarly and professional
potential and desire to become
a primary care physician. |

The residency criterion means that preference will be given to students applying from Pennsylvania, eastern Ohio, and southwestern New York (preferably from rural areas), but highly qualified applicants from other geographic locations will also be considered.

Acceptance to Phase I of the *Program* will be determined jointly by PSB and LECOM. PSB representatives will interview applicants to Phase I of the *Program* and recommend acceptable applications to LECOM for review. LECOM will notify PSB in writing within thirty days of receipt of the application of acceptance into Phase I.

Responsibilities of PSB and students:

1. Student shall maintain a cumulative PSB grade point average of 3.3 or better on a 4.0 grade scale.
2. Student must earn a grade of C or better in all PSB courses.

3. PSB *Program* advisor will provide counseling to student and evaluate student's performance in accordance with the requirements as stated herein.
4. PSB *Program* advisor, or appropriate personnel, shall contact LECOM's Admissions Coordinator/Registrar or its Admissions Assistant/Recruiter for assistance regarding student progress on application documentation.
5. PSB retains the right to dismiss student for academic or disciplinary reasons.

Students successful in Phase I will be interviewed by LECOM in the third *Program* year prior to admission to Phase II of the *Program*. Final acceptance of candidates to Phase II of the *Program* will be determined by LECOM.

Typically, a maximum of five students will be admitted to Phase I of the *Program* each year.

PHASE II

LECOM Admissions Procedure

To gain final acceptance to Phase II of the *Program*, students must apply through the American Association of Colleges of Osteopathic Medicine (AACOMAS) to LECOM by August 30 beginning the third year. A LECOM Secondary Application must also be completed prior to scheduling an Admissions Interview. Letters of recommendation and supporting documentation, including certified transcripts from all undergraduate and graduate institutions attended, must be submitted for review by LECOM.

To gain acceptance, students must successfully have completed the specific coursework described below (or as amended). The minimal overall grade point average at PSB must be a 3.3 (A=4.0). The Medical College Admission Test (MCAT) scores must be 7 or better in each subtest with an overall score of 24 or better.

All student inquiries for information regarding application status should be directed to the LECOM Admissions Office. LECOM will inform students of their acceptance/rejection into Phase II of the *Program* by April 1, contingent upon completion of Phase I and satisfactory performance on the MCAT. Students matriculating into Phase II of the *Program* must abide by all rules, regulations, and policies of LECOM as set forth in appropriate documents of the institution.

Responsibilities of LECOM and PSB

Consultation and communication on program evaluations and student progress should be maintained by the Head of the Division of Science or a designated individual at PSB and the Associate Dean of Preclinical Education or designate at LECOM.

Annual Reviews

An annual review of the *Program* will be conducted jointly by the parties to this Agreement. Either party may terminate this Agreement upon providing three (3) years written notice, such notice shall specify the date on which such termination becomes effective (not sooner than the date of receipt of the notice by the party). In the event of termination, the parties to this agreement shall honor commitments to any student currently admitted into the *Program*.

THREE-YEAR UNDERGRADUATE PROGRAM IN BIOLOGY AT PSB¹ AND FOUR-YEAR MEDICAL PROGRAM AT LECOM

PHASE I

(Curriculum subject to revision)

FIRST YEAR (PSB)

FIRST SEMESTER (17½ Credits)²

BIOL 110	Biology: Concepts
ENGL 15	Composition & Rhetoric
CHEM 12	Chemical Principles
CHEM 14	Experimental Chem
MATH 140	Calculus I
ESACT	
BIOBD 150	Health Science Seminar

SECOND SEMESTER (17½ Credits)²

MICRB 201	Microbiology
MICRB 202	Microbiology Lab
MATH 141	Calculus II
CHEM 13	Chemical Principles
CHEM 15	Experimental Chem
S/H/A ELECT ³	
ESACT	

SECOND YEAR (PSB)

THIRD SEMESTER (18 Credits)²

BIOL 240W	Biology: Structure/Function
STAT 250	Bio Statistics
CHEM 36	Lab in Organic Chem
CHEM 38	Organic Chemistry
S/H/A ELECT ³	
S/H/A ELECT ³	

FOURTH SEMESTER (18 Credits)²

BIOL 230W	Biology: Molecular
CHEM 36	Lab in Organic Chem
CHEM 39	Organic Chem II
S/H/A ELECT ³	
S/H/A ELECT ³	
SPCOM 100	Effective Speech
BIOBD 250	Pre-Med Seminar

THIRD YEAR (PSB)

FIFTH SEMESTER (17 Credits)

BIOBD	400-level selection
PHYS 215	Introductory Physics I
BIOBD 322	Genetic Analysis
S/H/A ELECT ³	
ENGL 202C	Technical Writing
Hi Ed	

SIXTH SEMESTER (15 Credits)

BIOBD 350W	Experimental Design
BIOBD 420	Comparative Anatomy
PHYS 265	Introductory Physics II
BIOBD 452	Biochemistry
BIOBD 453	Biochemistry Lab

¹Curriculum subject to revision.

²Students may wish to attend summer courses to reduce the academic year load.

³S/H/A (total 18 credits)

6 credits in Arts courses designated with GA suffix.

6 credits in Humanities courses designated with GH suffix. PHIL 3 recommended.

6 credits in Social Science courses designated with GS suffix. PSY 2 recommended.

A minimum of 3 of the 18 credits must be designated with a diversity focused (DF) suffix.

Medical College Admission Test (MCAT)

The MCAT should be taken in the spring semester of the third year.

PHASE II

FOURTH YEAR (FIRST YEAR AT LECOM)

(Twenty-one credits transfer to PSB)

FALL SEMESTER

GROSS ANATOMY
EMBRYOLOGY
CELL BIOLOGY / HISTOLOGY
MICROBIOLOGY
PHYSIOLOGY
PHARMACOLOGY
BIOCHEMISTRY
PATHOLOGY
OSTEOPATHIC PRINCIPLES &
PRACTICE COURSE I
MEDICAL ETHICS

SPRING SEMESTER

HISTORY & PHYSICAL EXAM
INTEGUMENTARY SYSTEM
NEUROSENSORY SYSTEM
MUSCULOSKELETAL SYSTEM
OSTEOPATHIC PRINCIPLES &
PRACTICE COURSE II

CONFERRAL OF THE BACHELOR OF SCIENCE (B.S.) DEGREE

The B.S. degree in Biology is conferred by PSB upon successful completion of the specified courses in Phase I (minimum 103 credits) and the first year at LECOM.

FIFTH YEAR (SECOND YEAR AT LECOM)

FALL SEMESTER

RESPIRATORY SYSTEM
RENAL SYSTEM
HEMATOLOGY/ONCOLOGY SYSTEM
PUBLIC HEALTH COURSE
GERIATRICS COURSE
CLINICAL OSTEOPATHIC DIAGNOSTIC
APPLICATIONS COURSE (CODA)
OSTEOPATHIC PRINCIPLES & PRACTICE
COURSE III

SPRING SEMESTER

CARDIOVASCULAR SYSTEM
DIGESTIVE SYSTEM (with NUTRITION)
ENDOCRINE SYSTEM
REPRODUCTIVE SYSTEM (with HUMAN
SEXUALITY AND MEDICAL
GENETICS)
APPLIED BASIC SCIENCES IN
MEDICINE COURSE (ABSM)
OSTEOPATHIC PRINCIPLES & PRACTICE
COURSE IV

NATIONAL BOARDS OF OSTEOPATHIC MEDICAL EXAMINERS (NBOME)

Part I of this examination **MUST** be taken (and passed) in June of second year at LECOM for progression to clinical rotations.

SIXTH YEAR (THIRD YEAR AT LECOM)

INTERNAL MEDICINE (8 WEEKS)
OBSTETRICS/GYNECOLOGY (4 WEEKS)
GENERAL SURGERY (8 WEEKS)
ANESTHESIOLOGY/PAIN MANAGEMENT (1 WEEKS)
RADIOLOGY (4 WEEKS)
FAMILY MEDICINE (4 WEEKS)
PEDIATRICS (4 WEEKS)
PSYCHIATRY/BEHAVIORAL SCIENCES (4 WEEKS)
ELECTIVE (8 WEEKS)
VACATION (4 WEEKS)

SEVENTH YEAR (FOURTH YEAR AT LECOM)

MEDICAL SELECTIVE (4 WEEKS)
PRIMARY CARE SELECTIVE (4 WEEKS)
AMBULATORY MEDICINE (8 WEEKS)
EMERGENCY MEDICINE (8 WEEKS)
RURAL/UNDERSERVED MEDICINE (4 WEEKS)
CARDIOLOGY/CRITICAL CARE (4 WEEKS)
ELECTIVE (8 WEEKS)
VACATION (8 WEEKS)

The coursework listed above is required for conferral of the D.O. degree as of the date of the signing of this agreement. However, a medical school curriculum is dynamic and evolves to meet the changing needs of the students. Therefore, there may occasionally be changes in course content, emphasis, and sequencing.

NATIONAL BOARDS OF OSTEOPATHIC MEDICAL EXAMINERS

Part II of this examination **MUST** be taken (and passed) in the spring semester of the fourth year at LECOM to partially meet the minimum requirements for graduation.

CONFERRAL OF THE DOCTOR OF OSTEOPATHIC MEDICINE DEGREE

The degree will be conferred only upon successful completion of all coursework, both didactic and clinical, passing both Parts I and II of the NBOME, and recommendation by the faculty and administration of LECOM. Conferral of the D.O. degree will be at the end of the fourth year at LECOM (seventh year of the *Program*).

The "3 + 4" Accelerated Program in Primary Care affiliation agreement is in effect as of the signing date below.

Officials signing the agreement for the participating institutions:

Silvia M. Ferretti
Silvia M. Ferretti, D.O.
Dean and Vice President of
Academic Affairs
Lake Erie College of Osteopathic
Medicine

John M. Lilley
John M. Lilley, D.M.A.
Provost and Dean
Pennsylvania State University at Erie
The Behrend College

Agreed:

Michael P. Mahalik
Michael P. Mihalik, Ph.D.
Associate Dean of Preclinical
Education
Lake Erie College of Osteopathic
Medicine

Roger F. Knacke
Roger F. Knacke, Ph.D.
Head, Division of Science
Pennsylvania State University at Erie
The Behrend College

Effective date of signing: 7/1/97