

Faculty Senate Curriculum Committee

Approval Form

1

Proposal Title: Pre-Physical Therapy Specialization

Sponsor(s): Dr. Edward Chaloupka Dept.: Health and Physical Education

Mr. Gerard Scibilia

Check one:  Course  Specialization  Concentration  Achievement Certificate

Certification Program  Major Program  Minor Change

(please name: deletion or credit/title/catalog change)

Undergraduate

Graduate

34 Credit Hours

Step 1 (Department)

Approved 11/24/85  
Date

Not Approved

Nancy A. Piotrowski  
Dept. CC Chairperson

Reviewed 11/20/85  
Date

David C. Stanton  
Chairperson, Dept.

Step 2 (Receipt)

SCC# 45-86-58

Proposal Received 12/3/85  
Date

Brandi A. Bolay  
Chairperson, SCC

Step 3 (School CC)

Reviewed 2-3-86  
Date

Approved

Not Approved

Comments:

Yehel Gorn  
Chairperson, School Curr. Comm.

Step 4 (Academic Dean)

Comments: Recommended

Reviewed 2/3/86  
Date

Maurin Kelley  
Signature, Dean of School

Step 5 (SCC)

Open Hearing 3/4/86  Approved by Senate Curriculum Committee 3/27/86  
Date Date

Returned to sponsor(s) for the following reasons:

*not returned*

Step 6 (Faculty Senate)

Presented to Faculty Senate : 3/27/86  
Date

Approved  Not Approved

Notification to Vice-President Academic Affairs 3/27/86  
Date

Gerard Scibilia  
Signature, SCC Chairperson

**Step 7 (Vice-President for Academic Affairs)**

Received 5/15/86  
date

Approved  Yes  No

If no, reasons are as follows:

*H&P  
Specialization*

Student credit hours NA

Faculty load hours NA

Equalized credit hours NA

Official copy and approval sheet filed \_\_\_\_\_  
Date

Signature *[Handwritten Signature]*  
Vice-President for Academic Affairs

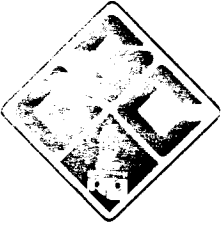
**Registrar**

Approved course description received \_\_\_\_\_  
Date

Hegis Taxonomy and Course Number assigned \_\_\_\_\_

Signature \_\_\_\_\_  
Registrar Date

Notification forwarded: Senate Curriculum Committee Chairperson, Department Chairperson(s), Academic Dean(s), Registrar, Sponsor(s).



GLASSBORO STATE COLLEGE

Health and Physical Education Department Glassboro, New Jersey 08028-1756  
(609) 863-7114

TO: Glassboro State College Senate Curriculum Committee

FROM: Edward C. Chaloupka, Ph.D., P.T.  
Department of Health and Physical Education

DATE: March 24, 1986

RE: Revision of Pre-Physical Therapy Specialization/  
B.S. - Department of Health and Physical Education

In response to questions and suggestions from the Senate Curriculum Committee as per the meeting of March 4, 1986, the following changes/additions have been made to the Pre-Physical Therapy Specialization Proposal.

1. The addition of Human Physiology to replace Human Biology and the addition of Organic Chemistry I and II as per Dr. Prieto's recommendations. Dr. Prieto's consultation letter of March 10, 1986 acknowledges that these changes have been made.

The Pre-Physical Therapy Specialization now contains 36 S.H. in the basic sciences OUTSIDE of the Department of Health and Physical Education. These courses are in the Departments of Life Science and Physical Science (Chemistry and Physics). As per the original proposal, NO science oriented courses in the Department of Health and Physical Education are being applied toward prerequisites for admission to graduate programs in physical therapy.

2. Elementary statistics to be included as the math choice as per Dr. Fran Masat's letter of consultation of March 17, 1986.
3. Additional letters of consultation to substantiate the viability of an undergraduate major in health and physical education, with additional coursework in the basic sciences as prerequisites. These letters are from:
  - a. Dr. Theodore Bross, Director of Admissions, College of Allied Health Sciences, Thomas Jefferson University, Philadelphia, Pa.

- b. Herbert Laskin - Registered Physical Therapist  
B.S. Degree - Health and Physical Education (West Chester State University)
  - c. William Rinehimer - Registered Physical Therapist  
B.S. Degree - Health and Physical Education (East Stroudsburg State University)  
M.A. Degree - Health and Physical Education/Education (Trenton State College)
  - d. Susan Wolfe - Registered Physical Therapist  
B.A. Degree - Health Education, Department of Health and Physical Education (Glassboro State College)
  - e. Ronald Berkowsky - Registered Physical Therapist  
B.A. Degree - Health Education, Department of Health and Physical Education (Glassboro State College)
  - f. Gerard Scibilia - Admitted to the Fall 1986 class - Program in Physical Therapy, Philadelphia College of Pharmacy and Science.  
B.S., M.S. Degrees - Health and Physical Education (West Chester State University)
4. Regarding the title of "Pre-Physical Therapy", this is consistent with the titles for "Premedical" and "Pre dental" programs as discussed in Barron's Guide to Medical and Dental Schools, Barron's Educational Series Inc., Woodbury, New York, 1985. Barron's states that "premedical" and "pre dental" undergraduate programs consist of course sequences intended to meet the prerequisites for admission into medical and dental schools, respectively. These prerequisites are in chemistry, biology, physics, mathematics, humanities, and the social and behavioral sciences. The need for a very competitive grade point average in these courses is noted, as fulfillment of these prerequisites does not denote guaranteed admission to either medical or dental school.
5. To demonstrate the close relationship between curricula in physical education and physical therapy, please note the following:
- a. In 1983, the State University of New York at Buffalo combined its Departments of Physical Education and Physical Therapy into the Department of Physical Therapy/Exercise Science.  
Please see attached from: Physical Therapy, Vol. 64, No. 1, January 1984.

- b. The University of Wisconsin - Madison is currently advertising a position for Assistant/Associate/Full Professor as a joint appointment in the School of Allied Health Professions, Department of Physical Education/Biodynamics.  
Please see attached from: Physical Therapy,  
Vol. 66, No. 3, March 1986.
6. The Department of Health and Physical Education at Glassboro State College has had in place a Physical Therapy Interest Track (28 S.H.) since 1972. Please see attached brochure.
7. Attached please find admissions requirements for additional programs in physical therapy. .  
  
These are:
  - a. Program in Physical Therapy - Thomas Jefferson University
  - b. Program in Physical Therapy - Baylor University

EC/bs



GLASSBORO STATE COLLEGE

Health and Physical Education Department

Glassboro, New Jersey 08028-1756  
(609) 863-7114

March 5, 1986

Dr. Andrew Prieto  
Chairperson  
Life Science Department  
Glassboro State College

Dear Andy:

As a result of the March 4th, 1986 Senate Curriculum Committee meeting a sub-committee was established to coordinate final acceptance of the Pre-Physical Therapy Specialization in the Department of Health and Physical Education. Pat Alexy is serving as co-chair of this subcommittee. In a conversation with Pat subsequent to the above meeting of March 4th, she requested that I submit the revised proposal to the Life Science Department for consultation. Enclosed please find said revised proposal.

As you stated at the March 4th open meeting of the Curriculum Committee you would be agreeable to the proposal contingent upon: (1) the addition of Human Physiology to replace Human Biology; and (2) the addition of Organic Chemistry I and Organic Chemistry II. Please note that both of these suggestions have been fully incorporated into the revised proposal. In summation, the total science bank outside of the Department of Health and Physical Education is as follows:

	<u>S.H.</u>
Biology I	4
Biology II	4
Human Physiology	4
Inorganic Chemistry I	4
Inorganic Chemistry II	4
Organic Chemistry I	4
Organic Chemistry II	4
Physics I	4
Physics II	4
Non-calculus	4
Total	<u>36</u>

Please return to me a letter of consultation on this revised proposal at your very earliest convenience so that the curricula process may proceed.

Sincerely,



Edward C. Chaloupka, Ph.D., P.T.  
Associate Professor

ECC/bs

cc: Dr. Marion Rilling  
Ms. Pat Alexy  
Dr. Brenda Bolay  
Dr. Daniel Stanley



State of New Jersey

GLASSBORO STATE COLLEGE  
GLASSBORO, NEW JERSEY 08028

LIFE SCIENCE DEPARTMENT

March 10, 1986

Dr. Edward Chaloupka  
Associate Professor  
Department of Health and Physical Education  
Glassboro State College

Dear Ed:

As you know, during the meeting of the Curriculum Committee on March 4, I stated that I would be agreeable to the Pre-Physical Therapy Specialization you proposed contingent upon: (1) the addition of Human Physiology to replace Human Biology and (2) the addition of Organic Chemistry I and II as requirements. I acknowledge the fact that this has been done. However, further consultation with my department after the March 4 meeting has shown that a very strong opposition to the proposed specialization exists. The Department of Life Sciences feels that the proposed Pre-Therapy Track greatly overlaps our own. Further, they feel that students wishing to enter such an area would be more competitive with a Bachelor's degree from one of the Science areas rather than a degree in Health and Physical Education.

Sincerely,

A handwritten signature in dark ink, appearing to read "Andrew A. Prieto", written over a circular stamp or mark.

Andrew A. Prieto, Ph.D.  
Chairperson  
Life Science Department

AAP/ehd

cc: Dr. M. Rilling  
Ms. Pat Alexy  
Dr. Brenda Bolay  
Dr. Dan Stanley

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION  
BACHELOR OF SCIENCE

Pre-Physical Therapy Specialization

1. Details:

- a. Pre-Physical Therapy Specialization
- b. Edward C. Chaloupka, Ph.D., P.T.
- c. Specialization offered for those students pursuing the Bachelor of Science Degree in Health and Physical Education and desiring preparation for admittance into a post-baccalaureate program in physical therapy. Typically, these students would not be seeking teaching certification in health and physical education.
- d. Alternative track to teaching certification course structure
- e. Declared major in Health and Physical Education
- f. Fall semester, 1986
- g. This specialization track consists of courses currently offered at Glassboro State College both within and outside of the Department of Health and Physical Education with the exception of one new proposed course - Allied Health Field Experience (please see attached course proposal). Therefore, resources are adequate to meet the needs of this specialization.

2. Rationale:

Physical Therapy is a rapidly expanding allied health field. Many students pursuing the Bachelor of Science Degree in Health and Physical Education at Glassboro State College are currently enrolled in various courses to fulfill vigorous pre-requisite requirements established by post-baccalaureate schools of physical therapy. Such courses are in the biological sciences, chemistry, physics, and psychology. The intent of this specialization is to establish a coherent track of courses to best prepare a student in these pre-requisite courses within the framework of the health and physical education major. In addition, this specialization includes other courses that provide important cognitive material for a student interested in physical therapy (i.e. Introduction to Physical Therapy Theory and Practice, Physical Therapy Field Experience, etc.). The elective course; Introduction to Physical Therapy Theory and Practice is currently being offered this semester (Fall 1985) for the first time. With minimal publicity preceding the initial offering of this course, thirteen health and physical education majors are enrolled.

The proposing of this alternative track to teaching certification is timely. For the 1984-1985 academic year approximately 50% of health and physical education majors at Glassboro State College were non-teaching certification. This was noted in the NASDTEC evaluation of Spring 1985 recommending that alternative tracks to teaching certification be developed in health and physical education.

In addition, the American Physical Therapy Association has mandated that by 1990 the entry level degree into the physical therapy profession shall be the master's degree. Thus, students will no longer be able to enter the physical therapy profession through the baccalaureate degree. This, in turn, should increase the demand for undergraduate programs which offer curricula consistent with entry level requirements for master's degree programs in physical therapy.

3. Essence:

a. Major goals:

- Fulfill degree requirements for a Bachelor of Science Degree in health and physical education.
- Present an alternative track to non-teaching certification in health and physical education with a pre-physical therapy specialization.

b. Specific Objectives:

- Provide cognitive material and experiential activities consistent with the degree model for the Bachelor of Science Degree in health and physical education.
- Provide specific courses which meet the general pre-requisites for master's degree programs in physical therapy. Such courses are in the biological sciences, chemistry, physics, and psychology.
- Provide specific courses covering didactic areas in physical therapy. Such courses are Introduction to Theory and Practice in Physical Therapy, Physical Modalities, Assessment of Athletic Injuries, and Advanced Techniques in Athletic Injuries.
- Provide field experience in a clinical setting in physical therapy.

c. Structure or Organization:

Please see attached

d. Administration:

Administration and academic advisement through the Department of Health and Physical Education.

4. Consultation:

a. -Mr. Thomas Nolan - Director, Department of Physical Therapy, West Jersey Hospitals, Eastern Division; Voorhees, New Jersey

-Mr. Thomas Philippi, Director of Physical Therapy, Kennedy Memorial Hospital, Washington Division; Turnersville, New Jersey

b. Please see attached

Specialization Sequence - Course Descriptions

Introduction to Physical Therapy Theory and Practice

Covers history and purpose of physical therapy, entry requirements into the profession, commonly occurring medical problems, patient evaluation, and types of treatments used in selected physical dysfunctions.

Prerequisite: Human Anatomy and Physiology I

Physical Therapy/Athletic Training Field Experience

Provides a clinical experience in an allied health setting (i.e. acute care hospital, private practice, speciality clinic). Integration between cognitive and practical applications of patient care are made.

Prerequisite: Introduction to Physical Therapy Theory and Practice

Assessment of Athletic Injuries

Introduction to general medical evaluation. Included are joint stability testing, manual muscle testing, flexibility, and range of motion testing.

Prerequisite: Advanced Techniques in Athletic Injuries

Advanced Techniques in Athletic Injuries

An indepth study into the prevention and management of selected pathologies. Topics include anatomy and physiology, kinesiology, and pathomechanics of injuries.

Prerequisite: Human Anatomy and Physiology I

Athletic Training Clinical Experience (Physical Modalities)

Indepth study of theory and practices of selected physical modalities as they relate to physical pathologies. Included are therapeutic exercise, ultrasound, electric stimulation, heat and cold.

Prerequisites: Advanced Techniques in Athletic Injuries  
and Assessment of Athletic Injuries

BACHELOR OF SCIENCE IN HEALTH AND PHYSICAL EDUCATION  
NON-CERTIFICATION

Pre-Physical Therapy Specialization

	<u>S.H.</u>
I. <u>General Education</u>	
Local General Education	48
<u>Science and Mathematics (15)</u>	
Biology I	4
Biology II	4
Inorganic Chemistry I	4
*Math Choice	3
<u>History, Humanities, and Language (12)</u>	
<u>Social and Behavioral Sciences (12)</u>	
General Psychology	3
Choice (not psychology)	3
Introduction to Sociology	3
Child Development	3
<u>Fine Arts (3)</u>	3
<u>Communications (6)</u>	6
II. <u>Academic Sequence - Health &amp; Physical Ed.(47)</u>	
Structure and Function I	3
Structure and Function II	3
Physiology of Exercise	3
Kinesiology	3
*Recommended - Elementary Statistics	

<b>I. <u>Academic Sequence - Health &amp; Physical Ed.</u></b>	
Safety and First Aid	2
Prevention & Treatment Athletic Injuries	1
Contemporary Health Problems	3
Adaptive Physical Education	2
Tests and Measurements	2
Team Sports	6
Individual Sports	5
Gymnastics	3
Rhythmic Activities	1
Dance	2
Swimming	1
Foundations of Physical Education	3
History & Philosophy Physical Ed.	2
Organization & Administration Physical Ed.	2
<b>III. <u>Specialization Sequence (within Health &amp; Phy. Ed.)</u></b>	
Introduction to Physical Therapy Theory & Practice	3
Physical Therapy/Athletic Training Field Experience	2
Assessment of Athletic Injuries	2
Advanced Techniques in Athletic Injuries	3
Athletic Training Clinical Experience (Physical Modalities)	3

IV. Additional Specialization Bank (27)

Abnormal Psychology	3
Physics I	4
Physics II	4
Non-Calculus	
Inorganic Chemistry II	4
Organic Chemistry I	4
Organic Chemistry II	4
Human Physiology	<u>4</u>
Minimal Total	135 S.H.

## SUGGESTED SEQUENCE OF COURSES

### Pre-Physical Therapy Specialization Non Teaching Certification

#### FRESHMAN YEAR

##### First Semester

	S.H.
College Composition I	3
General Psychology	3
Biology I	4
History/Hum./Lang. Choice	3
Gym I-Movement Fund.	1
Ind. Spts. - Phys. Fit.	1
	15

##### Second Semester

College Composition II	3
Biology II	4
Math Choice	3
Intro. to Sociology	3
Gym II-Stunts & Tumbling	1
Rhythmic Activities	1
Team/Ind. Sports	3
	18

#### SOPHOMORE YEAR

##### First Semester

Structures & Functions I	3
Foundations HPE	3
History & Phil PE	2
Inorganic Chemistry I	4
History/Hum./Lang. Choice	3
Gym III-Apparatus	1
Team/Ind. Sports	2
	18

##### Second Semester

Structures & Functions II	3
History/Hum./Lang. Choice	3
Inorganic Chemistry II	4
Contemporary Health	3
Intro. to Physical Therapy	3
Swimming	1
Team/Ind. Sports	1
	18

JUNIOR YEAR

First Semester

	<u>S.H.</u>
Organic Chemistry I	4
Physics I	4
Safety & First Aid	2
Adapted PE	2
Square Dance	1
Folk/Social Dance	1
Team/Ind. Sports	2
Physical Therapy/Athletic Training Field Experience	2
	<u>18</u>

Second Semester

Physics II	4
Organic Chemistry II	4
Soc-Beh Choice (not psych)	3
Exercise Physiology	3
Prev. Treatment Athletic Injuries	1
Hist./Hum./Lang. Choice	3
	<u>18</u>

SENIOR YEAR

First Semester

Fine Arts Choice	3
Kinesiology	3
Abnormal Psychology	3
Org. & Admin. PE	2
Advanced Techniques in Athletic Injuries	3
Human Physiology	4
	<u>18</u>

Second Semester

Assessment of Athletic Injuries	2
Physical Modalities	3
Test. & Measurements HPE	2
Adolescent or Child Development	3
Team/Ind. Sports	2
	<u>12</u>

# THOMAS JEFFERSON UNIVERSITY

COLLEGE OF ALLIED HEALTH SCIENCES  
Office of the  
Director of Admissions



Philadelphia, 19107  
(215) 928-8890  
(215) 928-8891

March 21, 1986

Dr. Ed Chaloupka  
Department of Health and Physical Educ.  
Glassboro State College  
Glassboro, N.J. 08028

Dear Ed:

Please excuse the format of this letter, but my secretary is in the hospital and I've just learned how to use the word processing package on my Personal Computer. I hope, therefore, that you will pay more attention to content than to style.

After speaking with you on the phone, and after reviewing the revised documents which Dr. Meagher had previously sent to me, I can offer the following comments:

1. The Committee on Admissions at Jefferson has never required that an applicant to any of our programs be a science major. What is critical to us is that the applicant successfully satisfy our science prerequisites. We receive applications from students from all undergraduate disciplines including the sciences, education, humanities and the social sciences. Although the science majors usually have a stronger record in the science prerequisites, we have had many applicants from the other areas present themselves as highly qualified applicants. What is also important to note here is that we have generally not accepted courses in the sciences unless they have been taught by the Science faculty. At Glassboro, for example, you know that we do not accept Structure and Function I and II to meet the A+P requirement.

2. The non-certification program (pre P.T. specialization), as revised will satisfy almost all Jefferson prerequisites for our Physical Therapy program. I say this because the student may still need a four credit course in Anatomy to complement the Physiology course. If Glassboro were to initiate the Human Anatomy and Physiology courses as suggested, then there would be no problems at all. Without those new courses, there are a number of options available including the Anatomy course in the Biology Dept., taking an Anatomy course at another college or having the student challenge the course using the ACT-PEP exam. Other than the Anatomy problem, I am assuming that the student would take the courses listed under "Additional Bank" on the last page of the proposal.

AN ACADEMIC HEALTH CENTER

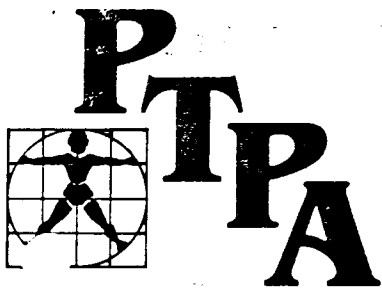
I hope that this letter is satisfactory to you. I am encouraged by the modifications, in that a prospective applicant from Glassboro could now apply to Jefferson from another discipline and be considered a strong candidate. I also hope that this letter does not, in any way, comment negatively on Biology majors from Glassboro, as they have always been considered strong applicants to our program.

Please feel to contact me at your convenience.

Sincerely,

A handwritten signature in cursive script, appearing to read "T. M. Bross".

Theodore M. Bross, Ed.D  
Director of Admissions



HERBERT LASKIN, R.P.T.  
JOHN MCKENZIE, R.P.T.

## Physical Therapy Professional Association

Brewster Professional Village, Brewster Road & Chestnut Avenue,  
Suite C5, Vineland, NJ 08360 (609) 692-1483  
Concorde Building, Rt. 49 East, Orchard Avenue & North Broadway,  
Pennsville, NJ 08070 (609) 678-7011

March 14, 1986

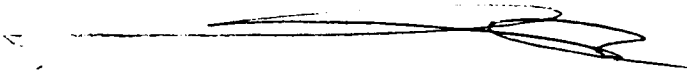
Dr. Edward C. Chaloupka  
Associate Professor  
Department of Health & Physical Education  
Glassboro State College  
Glassboro, New Jersey 08028

Dear Ed,

I am pleased to consult with you on the Pre-Physical Therapy Specialization in the Bachelor of Science Degree in Health and Physical Education. I am a graduate of West Chester State University with a Bachelor of Science Degree in Health and Physical Education. I am also a graduate of the Post-Baccalaureate Program in Physical Therapy at the University of Pennsylvania.

My personal experience is that my undergraduate degree in health and physical education, with additional science courses, more than adequately prepared me for admittance into a graduate program in physical therapy. I would also emphasize the need for clinical experience which is addressed by your physical therapy field experience course. Please keep me informed about your Pre-Physical Therapy Specialization.

Sincerely,



Herbert Laskin, RPT



# HAND & ORTHOPEDIC REHABILITATION SERVICES

"A Physical Therapy Practice"

2300 Trenton Road  
Levittown, Pennsylvania 19056  
(215) 946-9500

Mark T. Walsh, P.T., M.S.  
William E. Rinehimer, P.T., M.Ed.  
Elaine Muntzer, P.T.

HAND THERAPY  
PHYSICAL THERAPY

March 19, 1986

Dr. Ed Chaloupka  
Glassboro State College  
Department of Health & Physical Education  
Glassboro, N.J. 08028

Dear Dr. Chaloupka:

As per your request for information regarding requirements for entrance into physical therapy programs, enclosed is the following:

I am a 1983 graduate from Hahnemann University in a post-baccalaureate degree program in physical therapy. My background is a bachelor of science degree in health and physical education from East Stroudsburg University in Pennsylvania. I have my masters in education degree as well in health and physical education received from Trenton State College in New Jersey. I worked for four years at Glassboro State College as the head athletic trainer and instructor in the Department of Health and Physical Education.

My background in health and physical education was invaluable in preparing me for entrance into physical therapy school. In addition to that background, I studied prerequisite courses in the life science and physical science area to complete prerequisites. I feel there is a unique marriage between the health education and physical therapy in regards to the total knowledge of preventive and rehabilitative medicine. In my physical therapy class alone, approximately twenty to thirty percent of the students had backgrounds strictly in the biological science area and the remainder of the students had majors other than biological science and, in fact, had varied backgrounds ranging from health and physical education to other degree programs.

If you need any further information in regards to prerequisites to enter into physical therapy school, please feel to contact me at any time.

Sincerely,

*William E. Rinehimer*  
WILLIAM E. RINEHIMER, P.T., M.Ed.

WER/dlp

WESTWOOD REHABILITATION AGENCY

KINGS HIGHWAY & WESTWOOD DR.

WOODBURY, N. J. 08096

March 15, 1986

Dr. Edward Chaloupka  
Department of Health and Physical Education  
Glassboro State College  
Glassboro, New Jersey 08028

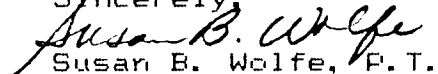
Dear Dr. Chaloupka:

I have a Bachelor of Arts Degree in Health Education in the Department of Health and Physical Education at Glassboro State College. I am also a graduate of the Post-Baccalaureate Certificate Program in Physical Therapy at Hahnemann Medical University. While at Glassboro State, I followed the course sequence in the Physical Therapy Interest Track in the Department of Health and Physical Education.

Science courses outside of the Department of Health and Physical Education that I completed were Biology I, Human Physiology, Chemistry I, and Physics I. In addition, I had an extensive and varied clinical experience background. Upon graduation from Glassboro State, I was immediately accepted into the physical therapy program at Hahnemann Medical University.

I believe my degree from Glassboro State in the Department of Health and Physical Education very adequately prepared me for admittance to a graduate program in physical therapy. If any additional information is needed, please feel free to contact me.

Sincerely,

  
Susan B. Wolfe, P.T.



MEMBER OF REHABCO GROUP

COMMUNITY  
THERAPY CENTERS  
OF ATLANTIC  
COUNTY, INC.

1690 THETON ROAD  
NORTHFIELD, NJ 08225  
641-4605

Allow me to introduce myself, I am Ronald C. Berkowsky,  
a licensed physical therapist.

I attended Glassboro State College for my undergraduate  
studies, majoring in Health Education.

Majoring in Health required certain science courses. I  
had to take supplemental science courses, through the  
science department, to enable my acceptance into the  
University of Pennsylvania Post Graduate P.T. Program.

It is imperative that the Pre-P.T. Program offers the  
necessary course requirements for Post Graduate Program  
acceptance. Please feel free to review my college tran-  
script to provide you with a sample of the courses  
needed for Post Graduate work.

If I can be of further assistance, please feel free  
to contact me.

Very Truly Yours,

Ronald C. Berkowsky LPT



GLASSBORO STATE COLLEGE

Health and Physical Education Department Glassboro, New Jersey 08028-1756  
(609) 863-7114

TO: Ed Chaloupka  
FROM: Gerry Scibilia, Head Athletic Trainer  
RE: Entrance Requirements to Physical Therapy Programs  
DATE: March 19, 1986

I am writing in response to our phone conversation concerning pre-physical therapy majors and entrance requirements to physical therapy programs.

I have a Bachelor of Science degree in Health and Physical Education with a concentration in Athletic Training from West Chester University, as well as a Master of Science degree in Exercise Science from the same institution.

In preparation for physical therapy school, I have taken the pre-requisite science courses at Villanova University and Glassboro State College. In addition to these courses, I also have 10 years of practical experience in athletic training as a certified and N. J. licensed athletic trainer and educator of students of athletic training.

In September of this year, I will enter the physical therapy program at Philadelphia College of Pharmacy and Science as a transfer student. I did not feel that my being a physical education major hindered me in any way to gain entrance to this program. I feel that a combination of practical experience and educational background assisted me in gaining acceptance to this program.

We have discussed, on several occasions, that a combination of scientific background and practical experience helps to prepare the prospective physical therapy student. The program you have proposed appears to meet that goal.

GJS:eb



West Jersey Health System

November 11, 1985

Edward C. Chaloupka, PhD., P.T.  
Department of Health and Physical Education  
Glassboro State College  
Glassboro, New Jersey

Dear Dr. Chaloupka,

I have reviewed the pre-physical therapy specialization program proposal for health and physical education majors who are not seeking teaching certification. This program is necessary because of the American Physical Therapy Association's mandate that the entry level degree into the physical therapy profession shall be the master's degree by 1990. Therefore, undergraduates who plan to persue a career in physical therapy must meet the pre-requisites for master's degree programs. This specialization program should enable students to decide if physical therapy meets their career goals, and at the same time should fulfill the pre-requisites for physical therapy master's degree programs.

I have also reviewed the proposal for the "Allied Health Field Experience" course. Most (if not all) physical therapy programs require direct experience in a physical therapy clinic. This course will help satisfy this requirement. It will also provide the student with an opportunity to observe physical therapy as it is practiced in the clinic.

Sincerely,

*Thomas P. Nolan, P.T.*

Thomas P. Nolan, P.T.  
Director of Physical Therapy  
Eastern Division

TPN/mmnr

West Jersey Health System  
Corporate Offices  
Mt. Ephraim & Atlantic Avenues  
Camden, NJ 08104  
(609) 342-4600

West Jersey Hospital  
Northern Division  
Mt. Ephraim & Atlantic Avenues  
Camden, NJ 08104  
(609) 342-4000

West Jersey Hospital  
Southern Division  
Berlin, NJ 08009  
(609) 768-6000

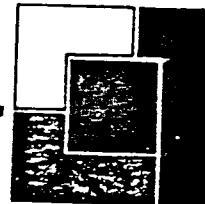
West Jersey Hospital  
Eastern Division  
Voorhees, NJ 08043  
(609) 772-5000

Garden State  
Community Hospital  
Marlton, NJ 08053  
(609) 596-3500

# KENNEDY MEMORIAL HOSPITALS

## UNIVERSITY MEDICAL CENTER

CHERRY HILL • STRATFORD • WASHINGTON TOWNSHIP



WASHINGTON TOWNSHIP DIVISION

Hurffville-Cross Keys Road  
Turnersville, NJ 08012  
609-589-3300

Edward C. Chaloupka Ph.D. P.T.  
Department of Health and Physical Education  
Glassboro State College

Dear Ed,

Thank you for asking me to review the information concerning a Pre-Physical Therapy Specialization in the Department of Health and Physical Education. I find this to be an excellent idea for the following reasons.

I have been working as a Physical Therapist in the South Jersey area for the past five years. On several occasions I have found it difficult to fill a staff Physical Therapist position due to the shortage of Therapists in this area. Hopefully a Pre-Physical Therapy Program at Glassboro State College would increase the Physical Therapy work force in this area.

Each year I have many college students ask me about the requirements necessary to apply to a Post-Baccalaureate Physical Therapy Program. In most cases they have not taken the required courses. This program would clarify what is expected.

Having a course for field experience is a good way to expose students to the day-to-day aspects of Physical Therapy. This could greatly help a student make a final career choice.

Good luck with this program and feel free to call me if I can be of any further assistance.

*Thomas Philippi PT*

Thomas Philippi P.T.  
Director of Physical Therapy

Cherry Hill  
Physical Therapy  
Associates, P.A.



February 20, 1986

Dr. Richard Meagher  
Life Science Department  
Glassboro State College  
Glassboro, New Jersey

Dear Dr. Meagher:

In response to our phone conversation today, regarding a pre-physical therapy curriculum, I would like to relate my personal experience and views on this matter.

I attended Glassboro State College from 1974-1978, graduating with a Bachelor of Arts in Biology. Upon guidance I had received, I entered Glassboro State College as a Physical Education Major with a goal of attending two years and transferring into a Physical Therapy Program or finishing with a degree in Physical Education and entering a post baccalaureate program in Physical Therapy. As my sophomore year progressed, I became more familiar with the requirements of specific physical therapy programs which I had planned to apply for admission, I found it then necessary to change my major to Biology. The University of Pennsylvania, from which I have received a Certificate Degree in Physical Therapy, would not accept any anatomy and physiology course offered in the Physical Education Department. Furthermore, the courses had to be detailed and separate, i.e. 4 credit hour courses of anatomy and 4 credit hour course of physiology. The structures and functions I and II, which I had taken would not be accepted for anything more than an elective. Further requirements included 8 credit hours of organic chemistry, 8 credit hours of inorganic chemistry, 8 credit hours of physics and 4 credit hours of calculus or statistics. Also, a large amount of biology credit hours were required.

Therefore, if the Physical Education Department started a pre-physical therapy program, unless dramatic changes were made to their program to gain acceptance by most major colleges offering physical therapy programs, I do not feel that it would be doing a service to students entering that curriculum. Other than Dr. Chalupka, Professors of the Physical Education Department were not oriented to the depth of study which a course of physical therapy requires. Physical Therapy programs require a complete and in depth course in anatomy, physiology, and biomechanics. Also advanced science courses are very important to develop a knowledge base which will help the student understand concepts necessary to be a physical therapist. The structures and functions II class which I had while at Glassboro State College was totally inadequate to prepare a student for a Physical Therapy Program being offered while I was in school. Now with Physical Therapy requirements stiffening, and requiring

Dr. Richard Meagher  
February 20, 1986  
Page Two

a masters entry level for licensure by year 1990. I feel the program of physical education that I was going through was totally inadequate. While I enjoyed Team Sports I and II and similar courses such as that, they had no bearing in Physical Therapy nor count as any credit toward a prerequisite Physical Therapy Program other than a Physical Education Class.

I would suggest that instead of developing a program through the Physical Education Department, it would be much more beneficial to develop this program through the Biology Department. The curriculum should be similar to that of a pre-medical curriculum and additions of courses from the Physical Education Department such as work Physiology and Kinesiology would be beneficial. The curriculum should be difficult and start with basic science such as Chemistry, Physics and Calculus or Statistics as well as some of the elective courses necessary to complete requirements of different physical therapy programs. Biology courses which I would recommend in the program are: Genetics, Comparative Anatomy (or develop a human anatomy course), Human Physiology, Embryology, Work Physiology, Kinesiology, Biochemistry, Cell Biology, Human Biology (this course needs to be taken in much more detail than being offered while I was attending GSC) Biology I, and Biology II. Also, I feel a course of private work study requiring volunteer work in a Physical Therapy setting with a research paper on some aspects relating to Physical Therapy would be most beneficial as most physical therapy programs require significant exposure to physical therapy settings.

While a Biology major at Glassboro State College, I was involved in a pre-Professional Club which was very helpful in achieving my goal of acceptance to a physical therapy program. The guidance I received from both you and Dr. Green was very helpful and if I had not received it, I would probably not be a Physical Therapist today. Your courses were academically difficult, but prepared me well for both entrance exams and the actual physical therapy program. While attending the University of Pennsylvania, I thought it was more difficult being accepted into the program than going through the program. I credit this to good preparation I received in the Biology Department at Glassboro. Some of the Professors that I personally feel would be good for teaching the major courses in a program such as this would be yourself, Dr. Green, and Dr. Chalupka.

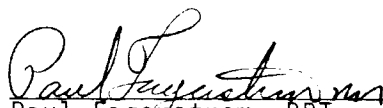
In closing, to develop a strong program through the Biology Department with special instructors responsible for guidance of these students would develop a good reputation for Glassboro State College. Students that achieved a good academic level in a program such as this would probably do very well in physical therapy programs. Conversely, students that do not have the ability to maintain a good academic level in a program such as this will probably perform poorly in a physical therapy program. It only takes one student to fail out of a physical therapy program to discredit the school from where they have transferred or graduated. Also, if a student does not have the academic capacity for the

Dr. Richard Meagher  
February 20, 1986  
Page Three

completion of a Physical Therapy Course, it is much better that they know this before they spend four years of their life and large amounts of money to find out, as well as discredit the school from which they attended.

I hope my views on this matter are helpful and any further discussion would be welcome.

Sincerely,

  
Paul Fagerstrom, RPT

PF/jck

**Gloria T. Fleming, RPT**

*Pediatric Physical Therapist*

244 S. Delsea Drive  
Glassboro, New Jersey 08028  
(609) 881-3752

March 1, 1986

Mr. Andrew Prieto, Chairperson  
c/o Department of Biology  
Glassboro State College  
Glassboro, New Jersey 08028

Dear Mr. Prieto:

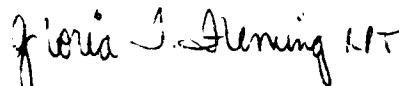
I am a registered physical therapist, licensed in the States of New Jersey and Pennsylvania, certified in neurodevelopmental techniques, and am school certified.

I am writing this letter to aid in substantiating the mandatory need for students planning to enter a physical therapy program to have the proper science background. The minimum prerequisites are usually physiology, biology, chemistry, physics and psychology. It would also be to the student's utmost benefit to have had human anatomy since this course is given on a medical school level. Even students with a science background devote many hours of study to these courses. Furthermore, anatomy, neurophysiology (or neuroanatomy) are often the courses that determine a student's success in completing physical therapy programs and their subsequent affiliations.

A deficient science background will either forfeit a student's chances of entering physical therapy school altogether, or at the very least delay their acceptance until the proper prerequisites are met. Such a delay will needlessly waste valuable time and money on the part of the student. Furthermore, competition is so keen that even when proper credentials are presented to the admissions committee for the first time, acceptance is far from guaranteed.

In summary, it is my considered opinion that a college advisor would be remiss in failing to advise a student of the need for a strong science background prior to entering the field of physical therapy. Most courses offered through a college physical education program are insufficient for acceptance into an accredited physical therapy program.

Very truly yours,



Gloria T. Fleming, RPT

gtf/



GLASSBORO STATE COLLEGE

Health and Physical Education Department Glassboro, New Jersey 08028-1756  
(609) 863-7114

March 12, 1986

Dr. Andrew Prieto  
Chairman  
Life Science Department  
Glassboro State College

Dear Andy:

I am in receipt of your letter of March 10, 1986 regarding your consultation on the proposed Pre-Physical Therapy Specialization in the Bachelor of Science Degree in Health and Physical Education. Your letter refers to a similar program in the Life Science Department.

Since I am not aware of a specific college approved Pre-Physical Therapy Specialization curriculum in the Life Science Department I would appreciate a copy of this program for my files and review. I would also appreciate the date of its inception. Your very earliest attention in this matter is greatly appreciated.

Sincerely,

Edward C. Chaloupka, Ph.D., P.T.  
Associate Professor

ECC/bs

cc: Dr. M. Rilling  
Ms. Pat Alexy  
Dr. Brenda Bolay  
Dr. Daniel Stanley



State of New Jersey  
GLASSBORO STATE COLLEGE  
GLASSBORO, NEW JERSEY 08028

LIFE SCIENCE DEPARTMENT

March 10, 1986

Dr. Edward Chaloupka  
Associate Professor  
Department of Health and Physical Education  
Glassboro State College

Dear Ed:

As you know, during the meeting of the Curriculum Committee on March 4, I stated that I would be agreeable to the Pre-Physical Therapy Specialization you proposed contingent upon: (1) the addition of Human Physiology to replace Human Biology and (2) the addition of Organic Chemistry I and II as requirements. I acknowledge the fact that this has been done. However, further consultation with my department after the March 4 meeting has shown that a very strong opposition to the proposed specialization exists. The Department of Life Sciences feels that the proposed Pre-Therapy Track greatly overlaps our own. Further, they feel that students wishing to enter such an area would be more competitive with a Bachelor's degree from one of the Science areas rather than a degree in Health and Physical Education.

Sincerely,

Andrew A. Prieto, Ph.D.  
Chairperson  
Life Science Department

AAP/ehd

cc: Dr. M. Rilling  
Ms. Pat Alexy  
Dr. Brenda Bolay  
Dr. Dan Stanley



State of New Jersey  
GLASSBORO STATE COLLEGE  
GLASSBORO, NEW JERSEY 08028

MATHEMATICS AND COMPUTER SCIENCE  
Robinson Building

609-863-6044

March 17, 1986

Dr. Edward C. Chaloupka  
Professor of P. T.  
Health and Physical Educ. Dept.  
Glassboro State College

Dear Ed:

As per our discussion of March 4th, I recommend ELEMENTARY STATISTICS as the appropriate statistics course for the Pre-Physical Therapy Specialization/B.S. in Health and Physical Education. This course is a non-mathematics major statistics course consistent with the needs of the health and physical education student.

Thank you for your consultation on this matter.

Sincerely yours,

A handwritten signature in cursive script that reads "Francis E. Masat".

Francis E. Masat  
Chairperson

cc: File

# HAHNEMANN MEDICAL UNIVERSITY

## PREREQUISITE REQUIREMENTS

The prospective applicant must hold a B.A. or B.S. degree from an accredited college or university. Although no specific grade point average (GPA) is required, the vigorous nature of the program necessitates the recruitment of students with above average academic abilities. In the prerequisite courses, it is expected that grades be in the A-B range, performance on the C level is not competitive.

### THE MINIMUM COURSE PREREQUISITES ARE:

.4 courses in the biological sciences to include:

2 courses in general biology  
1 course in human or mammalian physiology  
1 advanced biology which might include genetics, histology, anatomy, or microbiology

A minimum of 2 of the above courses must be laboratory courses

A 2 semester combined Anatomy-Physiology course can be considered as:

fulfilling the physiology requirement  
or  
as 1 course in the biological science group

.2 courses in chemistry with laboratory  
suggested courses include general chemistry, organic chemistry, biochemistry

.2 courses in physics with laboratory  
these courses should include the principles of heat, light, electricity and mechanics

.2 courses in psychology

.5 courses in social science and humanities

.1 course in introductory statistics  
preferably in behavioral statistics

All the biological and physical science courses must be taken through the appropriate Science Departments. Courses offered through Departments of Physical Education or courses designed for non-science majors cannot be counted in meeting the prerequisites.

Thomas Jefferson

University

College of Allied

Health Sciences

Discover the  
Jefferson Difference

### PHYSICAL THERAPY

The physical therapist not only plans and administers treatments for medically referred patients designed to restore function, relieve pain and prevent disability following disease, injury, or loss of a body part, but also plays a significant role in health promotion and disease prevention. This professional evaluates the need for and monitors the effectiveness of the therapy by assessing the patient's ability to move, gait patterns, pain tolerance and cardiopulmonary status. In addition, the physical therapist is called upon to evaluate braces, artificial limbs, wheelchairs, and other adaptive equipment.

A person who typically receives physical therapy is one who has experienced severe burns, heart attack or stroke, cerebral palsy, athletic injury, fractures, amputations, arthritis, spinal cord or other disabling injury. These patients typically have problems with strength, endurance, balance, coordination, sensation, and range of motion, often accompanied by severe pain.

Career Options Physical therapy is a rapidly expanding and challenging health profession that offers a wide variety of career options in hospitals, clinics, rehabilitation centers, nursing homes, and research institutions. More and more, physical therapists can be found in schools, business and industry, athletic settings, and in private practice. In our increasingly health-conscious society, the demand for physical therapists is growing to help keep active people injury-free as well as to offer treatment when they need it.

The Program This two-year, upper-division program will provide you with an integrated curriculum of theory and clinical experience. Your learning experience will include an emphasis on health and wellness and a holistic approach to your discipline as well as skills in evaluating a patient's progress. You will also develop basic abilities in administration, research, and education which you can use in a variety of health care settings or in your own private practice.

Additional Comments The Department of Physical Therapy strongly recommends that you obtain knowledge of the physical therapy field. Exposure to other allied health professions is also suggested. Although it is not required, volunteer experience is encouraged. A basic understanding of the physical therapy field has provided previous applicants with a stronger commitment and responsibility to the profession.

# JEFFERSON

## ADMISSION REQUIREMENTS

Admission Requirements Please take note of the admission requirements listed below. These courses must be successfully completed prior to matriculation at the College of Allied Health Sciences. It is understood that some of these courses may not have been completed at the time of the filing of an application. However, applicants who have not completed these prerequisite courses, but are intending to do so prior to official registration, should submit an application as soon as possible.

Course	Credits
*Anatomy and Physiology	8
*General Biology	4
*General Chemistry	8
English Composition	6
Mathematics (College Algebra and Trigonometry)	3
Physics (Need not be calculus based)	8
Introductory Psychology	3
Developmental or Abnormal Psychology	3
Electives (Arts, Humanities, Social Sciences, Computer Science, Statistics)	12
<b>Total</b>	<b>55</b>

These courses must meet requirements for science majors.

Transfer credit will be given for coursework taken at a regionally accredited college or university with a grade of C or better has been received.

## CURRICULUM

Junior Year Semester Credits

Course	Credits
PT 300 Health and Wellness	2
PT 306 Advanced Human Anatomy	5
PT 307 Medical Physiology	2
PT 310 Neuroscience	3
<b>Total</b>	<b>12</b>

### INTERIM

PT 320 Foundations in Physical Therapy Practice	2
PT 321 Problem-solving in Physical Therapy Foundations	1
PT 325 Growth and Development	1
<b>Total</b>	<b>4</b>

### WINTER QUARTER

PT 330 Therapeutic Modalities	2
PT 331 Problem-solving in Therapeutic Modalities	1
PT 335 Occupational Pathology	2
PT 340 Physical Therapy Evaluations	3
PT 341 Problem Solving in Physical Therapy Evaluations	2
PT 345 Clinical Aspects of Pathology	1
<b>Total</b>	<b>11</b>

## CURRICULUM

Course	Semester Credits
<b>SPRING QUARTER</b>	
PT 350 Therapeutic Exercise	3
PT 351 Problem-solving in Therapeutic Exercise	2
PT 355 Clinical Aspects of Medical/Surgical Conditions	2
PT 358 Clinical Aspects of Musculoskeletal Conditions	1
PT 360 Physiology of Exercise	2
PT 365 Rehabilitation of the Spinal Cord Patient	2
<b>Total</b>	<b>12</b>

### SUMMER QUARTER

PT 370 Clinical Practicum I	2
<b>Total</b>	<b>2</b>

### Senior Year

### FALL QUARTER

PT 400 Neuromotor Facilitation	2
PT 401 Problem-solving in Neuromotor Facilitation	2
PT 430 Pain and Stress Management	2
PT 450 Pediatric Physical Therapy	2
PT 451 Problem-solving in Pediatric Physical Therapy	1
MATH 401 Statistics and Research Methodology	3
<b>Total</b>	<b>12</b>

### INTERIM

PT 420 Physical Therapy Administration	2
PT 425 Orthopedic Evaluation and Therapeutic Mobilization (Includes Laboratory)	2
<b>Total</b>	<b>4</b>

### WINTER QUARTER

PT 410 Prosthetics and Orthotics	2
PT 411 Problem-solving in Prosthetics and Orthotics	1
PT 415 Analysis and Synthesis of Human Motion	2
PT 432 Selected Therapeutic Interventions	2
PT 435 Special Issues in Rehabilitation	2
PT 440 Cardiopulmonary Rehabilitation	2
PT 441 Problem-solving in Cardiopulmonary Rehabilitation	1
<b>Total</b>	<b>12</b>

### SPRING AND SUMMER QUARTERS

PT 305 Health Promotion for Self and Society	2
PT 460 Clinical Practicum II	2
PT 470 Clinical Practicum III	2
PT 480 Physical Therapy Seminar	2
<b>Total</b>	<b>8</b>

Total Credits for Junior Year	41
Total Credits for Senior Year	36
Total Credits for Junior and Senior Years	77
Transfer Credits	55

Total Credits for Bachelor of Science Degree in Physical Therapy 132



# US ARMY-BAYLOR UNIVERSITY PROGRAM IN PHYSICAL THERAPY

Physical Therapy, one of the rapidly growing allied medical professions, offers a stimulating and rewarding career which is valuable for a lifetime.

Physical therapists are concerned with the evaluation and physical rehabilitation of patients. The therapist works with the patient in attempting to maintain or regain his maximum physical capacity with the relief of pain, as well as the restoration of function being primary areas of consideration. Frequently used treatment modalities include therapeutic exercise, heat, cold, water, light and electricity. Patients with diagnoses of fracture, amputation, nerve injury, or brain or spinal cord disorders are among the extremely wide variety of patients treated by the physical therapist. The Army physical therapist may evaluate and treat a patient upon referral by a physician or in the role of a credentialed health care extender.

The US Army-Baylor University Program in Physical Therapy is conducted to provide qualified therapists to care for military patients. The patient load may also be comprised of military dependents, and retired military and their dependents. The course is designed to meet the requirements of the Army, the Graduate School of Baylor University and the Accreditation Committee of the American Physical Therapy Association. A Master of Physical Therapy professional degree is awarded by Baylor University upon successful completion of the program and fulfillment of the requirements of the graduate school.

**ELIGIBILITY REQUIREMENTS:** If you are a senior in college or already have a baccalaureate degree; are less than 30 years of age; a United States citizen or have lawfully entered the United States for permanent residence; and meet the medical fitness standards for appointment as a Reserve commissioned officer as prescribed by the Department of the Army, you are eligible to apply for the physical therapy program. The minimum grade point average required for admission is 2.7 for all college coursework and a 3.0 in the required science categories listed below. (Grade Point average based on a 4.0 scale). The minimum science courses and credits required for admission include:

**BIOLOGICAL SCIENCES:** 10-12 semester hours (at least one course in Anatomy and one course in Physiology, preferably Human Anatomy and Human Physiology)

**PHYSICAL SCIENCES:** 8-10 semester hours (at least one course in Physics, one course in Chemistry and one course in Math, preferably Algebra)

**BEHAVIORAL SCIENCES:** 8-10 semester hours (at least 2 courses in Psychology to include one course in either Abnormal Psychology or Growth and Development)

ation, 18 Broad St. Johnson City 13790; 607/798-7117.

**SEARCH EXTENDED: CHAIRPERSON, DEPARTMENT OF PHYSICAL THERAPY/ EXERCISE SCIENCE**—The School of Health Related Professions, State University of New York at Buffalo, is inviting applications and nominations for chairperson a new department that combines the well-established departments of physical education and physical therapy. Located in a major university health science center, this department's undergraduate and graduate programs are supported by 17 academic faculty and a large clinical faculty. Position offers unique opportunity to define philosophy and policies; plan facilities and organizational structure for the department; take responsibility for overall administration of the department and quality of academic and research programs; and oversee faculty recruitment and development. Twelve-month, tenure-track position. Applicants and nominees must have earned a doctorate and be eligible for tenure and graduate faculty status. Academic, professional, and administrative experience required. Candidates must demonstrate research productivity, national visibility, grantsmanship, and ability to communicate with diverse groups within and outside the university. Academic rank and salary commensurate with qualifications. Individuals from disciplines other than physical education and physical therapy will also be considered. Applications and nominations, to include curriculum vitae, should be sent before February 1, 1984, to Philip D. Shannon, OTR, Chair, Search Committee, 515 Kimball Tower, SUNY at Buffalo, Buffalo 14214. The State University of New York at Buffalo is an affirmative action, equal opportunity employer.

**ASSISTANT PROFESSOR**—Physical therapist/athletic trainer for September 1, 1984. Qualifications: master's degree, certification as athletic trainer, eligibility for physical therapy license, and interest or competence in one of the following areas: cardiopulmonary and musculoskeletal dysfunction, sports testing, laboratory instrumentation. Salary competitive for the academic year. Apply to Dr. Carolyn E. Thomas, Acting Chairman, Department of Physical Therapy and Exercise Science, 405 Kimball Tower, State University of New York at Buffalo, Buffalo 14214.

**PHYSICAL THERAPIST LICENSED IN NEW YORK STATE**—Exceptional opportunity to work with an NDT-trained therapist in an early intervention educational program serving children with multiple handicaps for the 1983-1984 school year. Salary range: \$16,000 to \$25,000. Apply to Finger Lakes United Cerebral Palsy, Inc. 720 S Main St. Geneva 14456. EOE.

**ASSISTANT DIRECTOR AND STAFF PHYSICAL THERAPIST**—Positions available in the beautiful Catskill Mountain area. New York state licensure or eligibility required. Hospital program offers rehabilitation, outpatient, and home care services, and diagnostic and therapeutic modalities. Call or address resume to Mary Pizzo Violand, Professional Recruiter, Community General Hospital of Sullivan County, Bushville Rd. Harris 12742; 914/794-3300, ext 2073 EOE

**PHYSICAL THERAPIST**—Immediate opening in outpatient multidisciplinary diagnostic and treatment facility serving infants and children with developmental delays and disabilities. Stress team approach with related therapies and/or preschool infant development programs. License or eligibility required. Good benefits including continuing education program. EOE. Contact: Anne Camone, Executive Director, Harborland Children's Assn.

**PHYSICAL THERAPISTS NEEDED** for sports medicine and back clinics. New and experienced. Our clinic was featured on national television for its back program. Acute to total rehabilitation using Nautilus, Hydragym, Nordic, and full Cybex® equipment. Salary excellent. Contact Jim Riccelli, Riccelli Sports Medicine and Back Clinic, 7143 Henry Clay Blvd, Liverpool 13088; 315/451-6800.

**PHYSICAL THERAPISTS**—Career openings in a prestigious New York City gerontological facility noted for patient care. Recent affiliation with Mt Sinai Medical Center has created openings in exciting new rehabilitation program for both staff and senior therapists. Salary open. Outstanding benefits for you and your family. Please write or call Personnel, Bernadette Alicea, Jewish Home & Hospital for the Aged, 120 W 106th St, New York 10025; 212/870-4956. Member NYC Health & Hospitals Corp. EOE, m/f.

**PHYSICAL THERAPISTS**—Exceptional opportunity at modern, widely acclaimed, long-term care center (SNF/HRF) in metropolitan NY State. We seek registered, licensed PTs to join our interdisciplinary PM&R staff. Requires clinical experience, sensitivity, and strong human relations skills. Excellent salary, comprehensive benefits, including four weeks' vacation and tuition reimbursement. Ideal semisuburban location easily accessible by public transportation. Contact Personnel, Hebrew Home for the Aged at Riverdale, 5901 Palisade Ave, Riverdale 10471; 212/549-8700. An equal opportunity employer, m/f.

**PHYSICAL THERAPIST**—Rochester Psychiatric Center is seeking qualified candidates for the above position. Must have a limited permit or a license and current registration to practice physical therapy in NYS. Starting salary: \$19,989, plus liberal fringe benefits. Qualified candidates should send resumes to Rochester Psychiatric Center, 1600 South Ave, Rochester 14620, Attn: Georgianna Johnson. EOE.

**PHYSICAL THERAPIST ASSISTANT**—NYS certified. Work with children and adolescents with developmental disabilities in modern developmental center. Interdisciplinary team approach to planning and treatment. New graduates \$15,110; minimum two years' experience: \$17,894. Excellent benefits. Send resume to Personnel Office, Monroe Developmental Center, 620 Westfall Rd, Rochester 14620. EOE/affirmative action.

**ASSISTANT DIRECTOR/FACULTY POSITION**—Upstate Medical Center and Program in Physical Therapy is seeking a physical therapist to fill a tenure-track academic faculty vacancy on or about July 1, 1984. Major responsibilities include coordinating curriculum, developing graduate-level courses, and teaching in areas of clinical expertise (preferably kinesiology and orthopedics). Opportunity to participate in continuing education, patient care, and research. Master's required, doctorate or evidence of doctoral work preferred. Minimum five years' experience with demonstrated skills in teaching, research, and clinical practice. Salary and rank commensurate with education and experience. Application deadline: Jan 31, 1984. Contact Charles E. Meacci, Director of Physical Therapy, SUNY, Upstate Medical Center, 708 Irving Ave, Syracuse 13210; 315/473-5101. Equal opportunity, affirmative action employer.

Physical Therapists Registered or Eligible

## Institute Of Rehabilitation Medicine

Founded by Dr. Howard Rusk

This world-renowned, acute care rehab center with large inpatient and outpatient services provides the physical therapist with diverse clinical experience by rotation through all services, a career ladder, and participation in a multidisciplinary health team. Experienced therapists and new graduates welcome! Also available: **SENIOR PHYSICAL THERAPIST**. Must have minimum three years' experience including background with chest therapy. NYS registered; prefer master's in cardiopulmonary rehab. All positions offer excellent salaries and benefits, including free NYU tuition. Call for appointment: Ms. Miriam Kerans, Professional Recruitment Coordinator, 212/340-6658.

**NYU Medical Center**  
317 E 34th St New York NY 10016  
An Affirmative Action Equal Opportunity Employer

### NORTH CAROLINA

**PHYSICAL THERAPISTS & PHYSICAL THERAPY SUPERVISORS**—Bored with the hospital routine? Positions available in a residential MR facility. Opportunities for developing consultative, evaluative, and supervisory skills, with an emphasis on designing special seating and adaptive equipment for those with multiple handicaps. For supervisors, there are opportunities in community consultation, program development, student programs, and research. Located in eastern North Carolina, O Berry Center is within easy driving distance of the coast and an hour from the state capital. Excellent benefits. North Carolina licensure required. Competitive salary. Contact Jimmy Person, Recruitment Coordinator, Box 247, O Berry Center Goldsboro 27530.

**PHYSICAL THERAPISTS**—Come experience southern living at its finest! Southeastern General Hospital, a 352-bed, JCAH-approved hospital, has an immediate opening for a qualified physical therapist to join our staff. Our compensation package is excellent, our weather is wonderful, and our friendly city of 20,000 only 90 miles from the NC/SC beaches, is a great place to grow. Interested? Contact the Employment Manager, Southeastern General Hospital, PO Box 1408, Lumberton 28358; 919/738-6441, ext 548. EOE.

**DIRECTOR OF PHYSICAL THERAPY AND CLINICAL THERAPIST** positions at state institution for those with mental retardation. Well-developed program with licensed assistants and technicians. Stimulating interdisciplinary approach in environment where innovative ideas of research and continuing education are encouraged. Good benefits. Salary negotiable. Western Carolina Center, Morganton 28655; 704/433-2701.

**PHYSICAL THERAPIST and PHYSICAL THERAPIST ASSISTANT**—Immediate openings for energetic and enthusiastic individuals in a growing private practice in the heart of North Carolina. Excellent salary and fringe benefits. Contact: [Name Redacted]

National Opportunities. Submit resume and salary requirements to St. Elizabeth Medical Center, 110 S. 9th Ave., Yakima 98902. 509/575-5096 EOE.

## WEST VIRGINIA

**PHYSICAL THERAPISTS NEEDED** to plan and carry out appropriate physical therapy programs for exceptional students ages 3 to 23 years. New grads or experienced. School calendar and school hours. Competitive salary, excellent benefits. Apply immediately to Mildred Holt, Director of Personnel, Kanawha County Schools, 200 Elizabeth St. Charleston 25311; 304/348-7753. AA/EOE.

**FACULTY POSITION**—A full-time, tenure-track position (12-month) is available July 1, 1986, for an experienced individual interested in teaching and research. Teaching responsibilities include biomechanics, kinesiology, gait, and traditional therapeutic exercise. Research responsibilities include coordinating the research activity of the division. Doctorate is preferred; master's degree with research experience acceptable. Salary and rank commensurate with education and experience. Applications accepted to April 15, 1986. Send resume along with the names of at least three references to Sandy L. Burkart, PhD, PT, Professor and Chairman, Division of Physical Therapy, West Virginia University Medical Center, PO Box 6302, Morgantown 26506-6302; 304/293-3610. AA/EOE.

## WISCONSIN

**PHYSICAL THERAPY OUTREACH COORDINATOR**—A 400-bed health center, with expanding community involvement, seeks coordinator to develop, supervise, and manage outreach physical therapy services. Must have current Wisconsin PT license, be experienced in private practice or in nursing homes, and be familiar with Medicare and Medicaid reimbursement. Attractive salary and benefits, including supervisory perks. Write or telephone to Personnel Director, La Crosse Lutheran Hospital, 1910 South Ave., La Crosse 54601; 608/785-0530.

**ASSISTANT/ASSOCIATE/FULL PROFESSOR**—Joint appointment School of Allied Health Professions, Department of Physical Education/Biodynamics Laboratory. Primary appointment negotiable. Fall 1986; tenure-track. Teach in area of cardiac rehabilitation, advise graduate students in the cardiac rehabilitation area, and coordinate a research laboratory in School of Allied Health Professions while developing an ongoing research program. ACSM Program Director certification and/or eligibility for physical therapy licensure is desirable. Forward letter of interest, vitae, and five names and addresses of individuals for professional references to Francis J. Nagle, PhD, Biodynamics Laboratory 2000 Observatory Dr., University of Wisconsin-Madison, Madison 53706. The University of Wisconsin-Madison is an EOE/AA employer.

**PHYSICAL THERAPISTS AND PHYSICAL THERAPIST ASSISTANTS**—Our agency has current openings for therapists and assistants in metropolitan and rural areas. We are seeking therapists who possess good communication skills and an interest in program development and continuing education. As the largest rehabilitation agency in the state, we give our therapists the advantages of private practice without the administrative problems. For details, please contact Dennis Home, PT, Therapy Associates, 1516 W. Mequon Rd., Mequon 53092; 414/241-4240 (collect).

# PHYSICAL THERAPIST

Milwaukee County Medical Complex, a tertiary care teaching and research hospital, is located in a western residential suburb of Milwaukee, affiliated with a medical college; and, offers outstanding experiences working with cardiopulmonary, acute, rehabilitation, burn and multiple trauma patients. Duties include evaluating patients and developing treatment plans and programs incorporating both short and long term goals. Requires Wisconsin licensure or eligible. Annual salary range \$21,574 to \$24,655. Promotional opportunities to Physical Therapist II. Competitive employee benefits, most paid by the County. Interested persons should contact:

Barbara Dunham, P.T.  
Manager, Physical Therapy

## MILWAUKEE COUNTY MEDICAL COMPLEX

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Milwaukee, WI 53226

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Equal Opportunity Employer



## WYOMING

THE PERFECT BLEND OF HIGH PLAINS AND ROCKY MOUNTAINS is waiting for you. Also the challenge and opportunity of working in a major acute care complex in the state capital. Join our physical therapy department as a full-time staff RPT. Continuing education is available plus an opportunity to begin new programs. We are a 179-bed community hospital in a friendly city of 50,000 and offer excellent benefits and salary. Contact Memorial Hospital of Laramie County, Human Resources, 300 E 23rd St., Cheyenne 82001; 307/634-2273, ext 2228. Equal opportunity employer.

**PHYSICAL THERAPIST**—Immediate opening for a physical therapist. Gottsche Rehabilitation Center is Wyoming's only nonprofit physical rehabilitation center. Excellent working conditions in a modern, well-equipped department. Medical cases served include stroke, brain and spinal cord injuries, and many others. Salary is negotiable according to experience. Fringe benefits include health insurance and sick and vacation time. Contact Douglas L. Warnock, Executive Director, PO Box 790, Thermopolis 82443; or phone collect 307/864-2147.

## POSITIONS AVAILABLE IN MORE THAN ONE STATE

**PHYSICAL THERAPY RECRUITMENT**—Director and staff positions available in the West, Southwest, and Rocky Mountain areas of the country. No cost to you. Reliable, professional, and confidential services. Please call or send resume to PGB Associates, 21640 N 19th Ave, Suite C-11, Phoenix, AZ 85027; 602/581-0054.

**PHYSICAL THERAPIST TRAVEL AND PERMANENT POSITIONS**—Chief, supervisor, and staff openings nationwide. Excellent salaried positions for permanent placement and also travel assign-

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Contact Don Jackson P.T. or James Summerfelt P.T.

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