This affiliation agreement is made as of May 1, 2000 between SHIPPENSBURG UNIVERSITY and the UNIVERSITY OF PITTSBURGH of the Commonwealth System of Higher Education, through its SCHOOL OF PHARMACY in order to provide a joint undergraduate/professional program leading to the Doctor of Pharmacy degree (the “Program”)

The objectives of this agreement are:

1. To attract qualified students to Shippensburg University and to the University of Pittsburgh School of Pharmacy.

2. To facilitate an efficient transition of qualified students from Shippensburg University to the University of Pittsburgh School of Pharmacy.

3. To advise students who intend to undertake their studies at the University of Pittsburgh School of Pharmacy of the undergraduate coursework that will be necessary to meet the pre-professional requirements of the University of Pittsburgh School of Pharmacy and the requirements to earn a baccalaureate degree in biology or chemistry from Shippensburg University.

4. To enable qualified, participating students to earn a baccalaureate degree in either biology or chemistry from Shippensburg University and a doctor of pharmacy degree from the University of Pittsburgh School of Pharmacy in a time frame that is one year less than the normal, while providing an education that is directly comparable in content.

In consideration of these mutual objectives, and intending to be legally bound, the parties agree as follows:

1. To be eligible for the Program, Shippensburg University students shall be required to complete successfully, with a grade point average of 3.0 or better, a minimum of 90 semester hours that includes the Shippensburg University general education requirements and core requirements for either the biology or chemistry major as delineated in Addendum A. Completion of the courses outlined in Table 1 must be included within the 90 semester hours. Completion of these courses will fulfill the pre-pharmacy core requirements of the University of Pittsburgh School of Pharmacy and partially fulfill the core requirements for the B.S. degree in biology or chemistry awarded by Shippensburg University.
TABLE 1 – Pre-Pharmacy Core Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Numbers</th>
<th>Sem. Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Biology</td>
<td>BIO 106</td>
<td>4</td>
</tr>
<tr>
<td>Zoology</td>
<td>BIO 110</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology or Genetics</td>
<td>BIO 220 or BIO 260</td>
<td>3</td>
</tr>
<tr>
<td>Chemical Bonding</td>
<td>CHM 121</td>
<td>3</td>
</tr>
<tr>
<td>Chem lab IA* or IB</td>
<td>CHM 123 or 125</td>
<td>2 or 1</td>
</tr>
<tr>
<td>Chemical Dynamics</td>
<td>CHM 122</td>
<td>3</td>
</tr>
<tr>
<td>Chem lab IIA* or IIB</td>
<td>CHM 124 or 126</td>
<td>2 or 1</td>
</tr>
<tr>
<td>Organic Chemistry I</td>
<td>CHM 221</td>
<td>3</td>
</tr>
<tr>
<td>Chem lab IIIA* or IIIIB</td>
<td>CHM 223 or 225</td>
<td>2 or 1</td>
</tr>
<tr>
<td>Organic Chemistry II</td>
<td>CHM 222</td>
<td>3</td>
</tr>
<tr>
<td>Chem lab IVA* or IVB</td>
<td>CHM 224 or 226</td>
<td>2 or 1</td>
</tr>
<tr>
<td>College Writing</td>
<td>ENG 110</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Composition</td>
<td>ENG 209</td>
<td>3</td>
</tr>
<tr>
<td>Calculus I</td>
<td>MTH 211</td>
<td>4</td>
</tr>
<tr>
<td>Intro. to Statistics</td>
<td>MTH 102</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Psychology</td>
<td>PSY 101</td>
<td>3</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>ECN102</td>
<td>3</td>
</tr>
<tr>
<td>Basic Oral Communication</td>
<td>SPE 100</td>
<td>3</td>
</tr>
<tr>
<td>Two (2) Social Science elective courses</td>
<td>HIS 105 &amp; Category E elective</td>
<td>6</td>
</tr>
<tr>
<td>One (1) Humanities elective course</td>
<td>Category B elective</td>
<td>3</td>
</tr>
<tr>
<td>Two (2) additional courses in social sciences or humanities</td>
<td>HIS 106 &amp; Category D elective</td>
<td>6</td>
</tr>
</tbody>
</table>

*Students pursuing the B.S. degree in chemistry are required to take the 2-credit chemistry labs.

** The courses listed in Table 1 meet the pre-professional requirements for the University of Pittsburgh School of Pharmacy. Additional courses will be required for the Shippensburg University baccalaureate degree in Biology or Chemistry (see Addendum A & B)

2. In addition to the pre-pharmacy core curriculum, each student participating in this program must meet the following requirements:

A. A cumulative undergraduate grade point average of 3.0 or better on a 4.0 grading scale.
B. A cumulative undergraduate grade point average of 3.0, with no grade less than C in the pre-pharmacy core courses listed in Table 1 above.
C. A favorable letter of recommendation from the Premedical Advisory Committee and/or the Premedical Coordinator at Shippensburg University.
D. Successful completion of an undergraduate degree plan (either biology or chemistry) and the courses listed in Addendum A.
E. Completion of an application to the University of Pittsburgh School of Pharmacy.
F. Provide a letter of intent to the chair of the Admission Committee of the University of Pittsburgh School of Pharmacy by the end of the sophomore year of study at Shippensburg University. In the letter the student should state their intention to study pharmacy and identify the desired date of admission to the University of Pittsburgh School of Pharmacy.
3. The UNIVERSITY OF PITTSBURGH, through its School of Pharmacy, hereby agrees that it will:

A. Interview the recruited students who have been screened so that there can be mutual acceptance of candidates for the program by both Shippensburg University and the University of Pittsburgh. The interview will occur during the fourth or fifth term of study at Shippensburg University.
B. Reserve four seats annually for student participants from Shippensburg University. These seats will be held until April 1st of the year in which the student applies. After April 1, any unfilled seats allocated for Shippensburg University students will be released to the general applicant pool.

4. SHIPPENSBURG UNIVERSITY hereby agrees that it will:

A. Actively recruit outstanding high school seniors to participate in the program.
B. Publicize the existence of this program in the College Catalog and recruitment publications focusing on the Science and/or Pre-pharmacy curriculum.
C. Accept for transfer credit, basic science courses completed with at least a grade of “C” (2.0) from the University of Pittsburgh School of Pharmacy after the participating student has completed a minimum of two semesters in the professional pharmacy program and has earned a cumulative GPA of at least 3.0 (on a 4.0 scale). The B.S. degree in biology or chemistry will be awarded from Shippensburg University upon receipt of an official transcript from the University of Pittsburgh and completion of the Shippensburg University application for graduation and the timely payment of all fees required for graduation.

5. Both institutions further agree as follows:

A. Perform an annual review of the curriculum, including the pre-professional requirements and the professional pharmacy program
B. Both parties have the right of prior approval on all publicity regarding the arrangement. Neither party may use the name or registered trademark of the other institution without the prior written approval of the other.
C. Either party may terminate this Agreement upon one (1) year written notice to the other party. However, in the event that this Agreement is terminated pursuant to this provision, the Program will continue to be available, pursuant to the terms of this Agreement, to Shippensburg University students who are currently enrolled at (or have accepted an offer of admission to) Shippensburg University on the date on which such notice of termination is given.
D. The parties agree that they shall not discriminate against any person in connection with the affiliation agreement on the basis of race, color, religion, national origin, ancestry, sex, age marital status, familial status, sexual orientation, disability, or status as a disabled veteran or a veteran of the Vietnam era.
E. SHIPPENSBURG UNIVERSITY and the UNIVERSITY OF PITTSBURGH (including the UNIVERSITY OF PITTSBURGH SCHOOL OF PHARMACY) are independent and separate institutions of higher learning, and nothing in this agreement shall be construed to create a legal relationship between the parties such as a joint venture, partnership, agent or the like.
F. This Agreement shall not confer any rights or remedies upon any person or entity other than the parties hereto.
G. This Agreement constitutes the entire understanding between the parties with respect to the subject matter hereof and may not be amended or supplemented except in writing, signed by both parties.
H. Any notice given to either party hereunder must be in writing signed by the party giving such notice, and shall be deemed given when mailed postage prepaid via U.S. Postal Service first class, certified, express or other overnight mail or hand delivered, when addressed as follows:
If to University of Pittsburgh:
James V. Maher, Ph.D., Provost
University of Pittsburgh
801 Cathedral of Learning
4200 Fifth Avenue
Pittsburgh, PA 15260

WITH A COPY TO:
Randy P. Juhl, Dean
University of Pittsburgh
School of Pharmacy
1104 Salk Hall
Pittsburgh, PA 15260

If to Shippensburg University:
Janet Gross, Ph.D., Dean
College of Arts and Sciences
Shippensburg University
Shippensburg, PA

WITH A COPY TO:
David R. Long, Ph.D.
Co-director of Health Sciences
Department of Biology
Franklin Science Center
Shippensburg University
Shippensburg, PA 17257

Mark Nordenberg, J.D
Chancellor
University of Pittsburgh of the
Commonwealth System of Higher Education

______________________________
Date

James V. Maher, Ph.D.
Provost
University of Pittsburgh of the
Commonwealth System of Higher Education

______________________________
Date

Anthony F. Ceddia, Ph.D.
President
Shippensburg University

______________________________
Date

Janet Gross, Ph.D., Dean
College of Arts and Sciences
Shippensburg University
Shippensburg University

______________________________
Date

David R. Long, Ph.D. and

Thomas D. Schroeder, Ph.D.
Co-Directors of Health Sciences

______________________________
Date