OVERVIEW

Genetic based medicine is routinely becoming a part of daily health care, having major impacts on patient diagnosis, prognosis and treatment. The Health Care Genetics Minor and Health Care Genetics Post-Baccalaureate or Post-Master's Certificate are designed for health care workers who are seeking focused, graduate-level education in the specialty of genetics. Knowledge gained through coursework will enable healthcare workers to better care for and educate their patients.

The Health Care Genetics Minor is available to enrolled University of Pittsburgh graduate students. Students should consult with their academic advisor. The Minor includes courses in genetics (taught through the School of Nursing) and choice of 2 courses related to the student’s career goals or interests (taught through other departments in the Schools of the Health Sciences). Learning experiences may be enriched through Clinical Genetics Case Conferences, Human Genetics Research Seminar, Human Genetics Journal Club, Genetics Grand Rounds, and a Research Practicum in a molecular genetics laboratory.

The Health Care Genetics Post-Baccalaureate or Post-Master's Certificate includes courses in genetics (taught through the School of Nursing) and choice of 3 courses related to the student’s career goals or interests (taught through other departments in the Schools of the Health Sciences). Learning experiences may be enriched through Clinical Genetics Case Conferences, Human Genetics Research Seminar, Human Genetics Journal Club, Genetics Grand Rounds and a Research Practicum in a molecular genetics laboratory.

Graduates of the Health Care Genetics Minor or Post-Baccalaureate or Post-Master's Health Care Genetics Certificate may be eligible for the Advanced Practice Nurse in Genetics (APNG) portfolio-based credentialing offered by the Genetic Nursing Credentialing Commission (GNCC). (Note: visit the GNCC website at geneticnurse.org for eligibility requirements)

CURRICULUM FORMAT

Health Care Genetics Minor:
- Full-time or Part-time (~ 3 terms)

Health Care Genetics Post-Baccalaureate or Post-Master's Certificate:
- Full-time or Part-time (~ 3 terms)
- Fall, Spring and Summer Term Admission

OBJECTIVES

Graduates are prepared to accomplish the following:
- Guide patients in their understanding of the genetic basis of disease as well as providing patient education and guidance in the areas of available genetic testing, interpretation of testing, recurrence risks, and genetic based therapies
- Provide advocacy for patients and families with genetic conditions
- Utilize family histories to determine disorders for which the patient is at risk
- Utilize a variety of resources to stay up to date with advances in genetic based medicine
- Determine when patient referral to a genetic professional is required
- Utilize a variety of resources to provide patients and their families with support mechanisms
- Interpret genetic research findings
ADMISSION CRITERION: Health Care Genetics Minor
- GPA ≥ 3.0 in current graduate program

ADMISSION CRITERIA: Health Care Genetics Post-Baccalaureate or Post-Master’s Certificate
- Healthcare worker with a Baccalaureate or Master’s Degree
- GPA ≥ 3.0 in the Baccalaureate or Master’s Degree
- Pre-admission interview
- Complete online application: nursing.pitt.edu
- International applicants: see nursing.pitt.edu and ois.pitt.edu

CURRICULUM: Health Care Genetics Minor

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2680</td>
<td>Introduction to Genetics and Molecular Therapeutics</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2681</td>
<td>Advanced Topics in Human Genetics</td>
<td>3 cr.</td>
</tr>
<tr>
<td></td>
<td>Electives (per approval of Coordinator)</td>
<td>6 cr.</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td>12 cr.</td>
</tr>
</tbody>
</table>

CURRICULUM: Health Care Genetics Post-Baccalaureate or Post-Master’s Certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2680</td>
<td>Introduction to Genetics and Molecular Therapeutics</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2681</td>
<td>Advanced Topics in Human Genetics</td>
<td>3 cr.</td>
</tr>
<tr>
<td></td>
<td>Electives (per approval of Coordinator)</td>
<td>9 cr.</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td>15 cr.</td>
</tr>
</tbody>
</table>

For information contact:
Yvette Conley, PhD
Health Care Genetics Coordinator
412-383-7641 or yconley@pitt.edu