

## VII. STANDING COMMITTEES

## B. Academic and Student Affairs Committee

Establishment of the Department of Global HealthRECOMMENDED ACTION:

It is the recommendation of the administration and the Academic and Student Affairs Committee that the Department of Global Health be established as a joint department in the Schools of Medicine and Public Health & Community Medicine effective February 1, 2006.

BACKGROUND:

The Department of Global Health will serve as a focal point for the University's programs to identify and evaluate health problems and health inequities in underserved populations, and to identify, develop and implement innovative interventions that can dramatically reduce disease burden and improve health for all populations. Dean Pat Wahl and Dean Paul Ramsey proposed the establishment of this new department in a letter to President Emmert and Provost Wise dated December 1, 2005 (copy attached).

As described in the letter from Deans Wahl and Ramsey, the financial support for the proposed department will be achieved through a combination of University funds and a significant level of support from the Bill and Melinda Gates Foundation.

This recommendation as presented by Deans Wahl and Ramsey has been approved by the Provost and the President.

ENCLOSURES:

1. December 1, 2005 letter from Dean Pat Wahl and Dean Paul Ramsey to President Mark Emmert and Provost Phyllis Wise.
2. Budget summary



**ENCLOSURE 1**

December 1, 2005

Dr. Mark Emmert  
President  
301 Gerberding Hall

Dr. Phyllis Wise  
Provost  
301 Gerberding Hall

Dear President Emmert and Provost Wise:

We write to propose that a Department of Global Health be established in the Schools of Medicine and Public Health & Community Medicine. The following paragraphs provide the context for this proposal and an outline of the organization, vision, mission, and programs of the proposed department.

**BACKGROUND**

Globalization of the world's economies, politics, and cultures has brought about recognition of the global nature of health problems, the impact of health on human development, and the need for international commitment and collaboration in addressing the major health issues of our time. During the last two decades of the twentieth century, emerging and re-emerging diseases have created epidemics of unprecedented proportions and in some cases have resulted in a net loss in life survival gains made in the mid-twentieth century.

An examination of the worldwide distribution of populations and deaths in 2004 from the World Health Organization demonstrates vast disparities in health and life expectancy between the developing and developed world. For example, in Sierra Leone and Botswana the life expectancies in 2004 were 28.6 and 35.7 years. In contrast, the life expectancies in the United States and Japan were 69.3 and 75.0 years, respectively. Infectious diseases currently account for 26 percent of total global mortalities. In addition, for the more than one billion people who live in developing countries, infectious diseases now cause chronic diseases and disability that overlap into and permeate the developed world.

These global health disparities create an imperative that medical and public health centers worldwide must alter their curricula and provide education to prevent and control global diseases. Recent data suggest that exposing medical students to

international health experiences increases the likelihood that they will later work with underserved populations in the U.S. Therefore, addressing worldwide health disparities also provides a focus for work on improving health for the U.S. population. Public health and medicine must work together more effectively to improve health for all populations.

In summary, it is time for the academic community to broadly engage in global health. It is essential that we contribute to clinical care, medical education, research, and public health practice in global settings that suffer from extreme health problems and disparities. The University of Washington is one of the pre-eminent institutions for medical and public health training, care and research in the world. The faculty of the University of Washington as a whole represent leading experts in research, education, and public health practice in many disciplines relating to global health. The Schools of Medicine and Public Health & Community Medicine jointly propose the formation of a Department of Global Health that will pool the resources of both schools and involve other schools of the University of Washington to address the health problems of the world.

## **VISION**

The vision of the Department of Global Health at the University of Washington will be to develop and implement innovative interventions to improve health for populations worldwide and reduce the devastating health, social, and economic consequences of disease. To achieve this vision the department will conduct interdisciplinary research internationally; educate scientists, public health practitioners, and medical care providers; work to positively influence public health and medical policy; and help build infrastructure and institutional capacity to increase access to affordable health services that can provide sustainable and improved quality of health globally.

## **MISSION AND PROGRAMS**

The overarching mission of the Department of Global Health will be to develop and implement educational programs in global health, promote and support research activities that address global health disparities, and provide opportunities to translate these educational and research activities into improving the health of all global citizens through clinical care and public health initiatives. These activities will, by design, be fully integrated and will overlap synergistically. For example, research and service-based activities will provide important educational opportunities. Similarly professional students, residents and fellows enrolled in educational programs can help implement and advance new areas of research and clinical work overseas. Although each activity is described separately below, the work will be integrated fully to address the overall mission of the department.

**Education.** The top priority for the department will be to develop curricula relevant to global health for undergraduate students, medical students, graduate students, and post doctoral trainees at the University of Washington and for foreign nationals. The

goal will be to train clinicians, scientists, and public health practitioners from the U.S. and from other countries to learn, promote, and implement measures to improve the quality of life of people globally and especially those in greatest need. The department will offer educational programs and opportunities to engage the next generation of University of Washington graduates in global health careers.

**Research.** The department will strengthen existing research programs and develop new inter-institutional research centers. An active interdisciplinary research program will be targeted to develop, utilize and implement new biomedical and health services interventions that can lead to advances in reducing global health problems and inequities that will save and improve lives and reduce the economic and social consequences of disease in developing countries. The department will have a major research presence, and will serve as the University's home for the proposed Seattle Vaccine and Immunization Research Center (SVIRC). The SVIRC is a collaborative effort between the University of Washington and Fred Hutchinson Cancer Research Center. The mission of the SVIRC will be to promote the development of new vaccines for infectious diseases like HIV and diseases like cancer that have a significant impact on global health and to serve as a resource to investigators in the region, nation and world for the promotion of vaccine development.

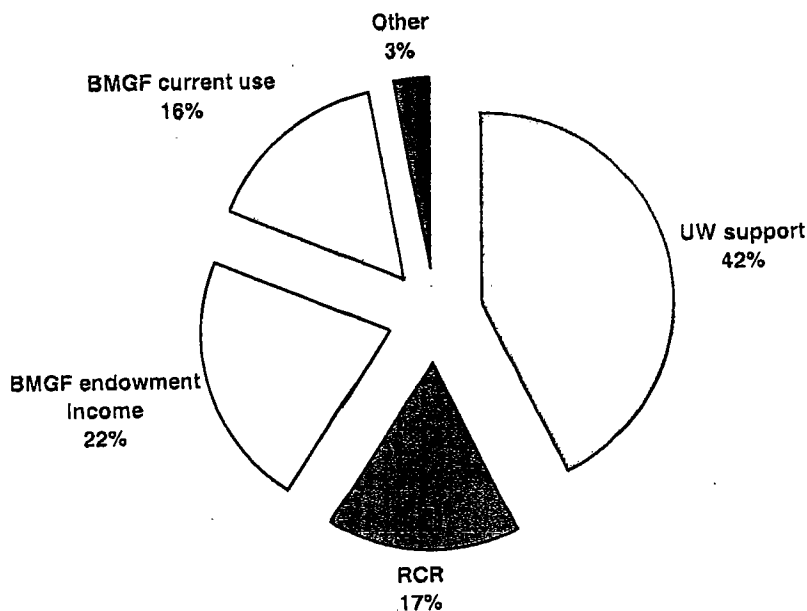
**Clinical Care/Public Health Practice.** The department leadership will establish interdisciplinary service programs based within developing countries that are designed to promote sustainable improvements in health. The department will work with key developing countries to establish education and training opportunities within their countries and to strengthen their research capacity and infrastructure by training their scientists and technical personnel. UW faculty, professional students, and post-doctoral trainees will provide direct medical care and public health services with the long-term goal of improving the health infrastructure in developing countries through technical assistance, consulting, training materials, and health policy advice.

**Integration.** Because of the diverse areas covered under the umbrella of global health, an interdisciplinary approach to accomplish the work of the department will be developed. This will include close collaborations with the many schools and colleges across the University of Washington campus. Current faculty as well as new faculty within the Department of Global Health will focus on a number of areas that directly affect global health. These include infectious diseases, chronic diseases, cancer, nutrition, maternal and child health, environmental health, disaster relief/international safety, injury prevention, social equity and justice, minority health problems and disparities, health of transient populations, economic impact, and statistical modeling in health and disease.

## **FINANCES AND STAFFING**

The start-up and annual funding requirements will be met through a combination of funds from the University, the Schools of Medicine and Public Health and Community Medicine, and the Bill and Melinda Gates Foundation (BMGF). The following chart

summarizes the estimated distribution of the funding sources over the first ten years of operation. This chart does not include direct grant funds that will be used to support the research programs.



The following table summarizes the cumulative phasing-in of the faculty and staff FTE complement.

|              | FY 2006    | FY 2007     | FY 2008     | FY 2009     | FY 2010     | FY 2011     |
|--------------|------------|-------------|-------------|-------------|-------------|-------------|
| Chair        | 0.5        | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         |
| Faculty      | 2.0        | 6.0         | 8.0         | 10.0        | 12.0        | 12.0        |
| Staff        | 2.0        | 6.0         | 6.0         | 7.0         | 7.0         | 7.0         |
| RA/TA        | 0          | 3.0         | 6.0         | 6.0         | 6.0         | 6.0         |
| <b>Total</b> | <b>4.5</b> | <b>16.0</b> | <b>21.0</b> | <b>24.0</b> | <b>26.0</b> | <b>26.0</b> |

Thank you for your consideration of this important proposal.

Sincerely,

Patricia W. Wahl, PhD  
 Dean and Professor  
 School of Public Health and  
 Community Medicine

Paul G. Ramsey, MD  
 Vice President for Medical Affairs and  
 Dean of the School of Medicine

ENCLOSURE 2  
FUNDING SUMMARY

|   | Year 1 (2005<br>Partial Yr) | 2006               | 2007               | 2008               | 2009               | 2010               | 2011              | 2012              | 2013              | 2014              | 2015              | TOTALS            |
|---|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Balance from the Previous Year</b>           | 0                           | 30,731,500         | 29,854,124         | 28,058,119         | 27,317,561         | 26,868,282         | 26,885,615        | 27,848,029        | 29,248,110        | 30,909,896        | 32,856,202        | N/A               |
| <b>Balance of the Endowment</b>                 | 0                           | 20,181,500         | 20,914,088         | 21,673,270         | 22,460,010         | 23,275,308         | 24,120,202        | 24,995,765        | 25,903,111        | 26,843,394        | 27,817,809        |                   |
| <b>Balance of Current Use Funds</b>             | 0                           | 10,000,000         | 8,940,036          | 6,384,850          | 4,857,552          | 3,592,974          | 2,765,414         | 2,765,414         | 2,765,414         | 2,765,414         | 2,765,414         |                   |
| <b>Balance of Non-interest Bearing Funds</b>    | 0                           | 550,000            | 0                  | 0                  | 0                  | 0                  | 0                 | 86,850            | 579,585           | 1,301,088         | 2,272,979         |                   |
| <b>+</b>  |                             |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   |                   |
| <b>Funding Sources</b>                          |                             |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   |                   |
| + Endowment and Market Value Grc                | 20,000,000                  |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   | 20,000,000        |
| + Endowment Market Value Growth                 | 181,500                     | 732,588            | 759,181            | 786,740            | 815,298            | 844,894            | 875,563           | 907,346           | 940,283           | 974,415           | 1,009,786         | 8,827,596         |
| + Existing balance of previous BMGI             | 10,000,000                  |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   | 10,000,000        |
| + Institutional Funds: State Funding            | 78,248                      | 1,417,717          | 2,011,029          | 2,349,602          | 2,662,516          | 2,869,540          | 2,973,896         | 3,083,108         | 3,197,448         | 3,317,202         | 3,442,672         | 27,402,977        |
| + Institutional Funds: Research Cos             | 0                           | 412,676            | 879,799            | 801,905            | 866,432            | 934,119            | 1,005,100         | 1,044,848         | 1,297,083         | 1,571,818         | 1,849,074         | 10,662,855        |
| + Gift Funding                                  | 0                           | 474,124            | 213,589            | 215,625            | 112,735            | 62,421             | 64,687            | 67,035            | 69,469            | 71,990            | 74,604            | 1,426,278         |
| + Clinical Funds                                | 0                           | 45,699             | 54,811             | 56,908             | 59,101             | 61,394             | 63,793            | 66,302            | 68,930            | 71,683            | 74,566            | 74,566            |
| <b>Total Funding Sources</b>                    | <b>30,259,748</b>           | <b>3,082,804</b>   | <b>3,918,409</b>   | <b>4,210,780</b>   | <b>4,516,081</b>   | <b>4,772,368</b>   | <b>4,983,040</b>  | <b>5,168,640</b>  | <b>5,573,214</b>  | <b>6,007,108</b>  | <b>6,450,702</b>  | <b>78,942,894</b> |
| <b>+</b>  |                             |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   |                   |
| <b>Interest Income</b>                          |                             |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   |                   |
| + Interest income on Endowment                  | 250,000                     | 1,009,075          | 1,045,704          | 1,083,663          | 1,123,000          | 1,163,765          | 1,206,010         | 1,249,788         | 1,295,156         | 1,342,170         | 1,390,890         | 12,159,223        |
| + Interest income Previous BMGF G               | 300,000                     | 300,000            | 300,000            | 268,201            | 191,545            | 145,727            | 107,789           | 82,962            | 82,962            | 82,962            | 82,962            | 1,945,112         |
| <b>Total Interest Income</b>                    | <b>550,000</b>              | <b>1,309,075</b>   | <b>1,345,704</b>   | <b>1,351,865</b>   | <b>1,314,546</b>   | <b>1,309,492</b>   | <b>1,313,799</b>  | <b>1,332,751</b>  | <b>1,378,118</b>  | <b>1,425,132</b>  | <b>1,473,853</b>  | <b>14,104,335</b> |
| <b>-</b>  |                             |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   |                   |
| <b>Department of GH Costs</b>                   |                             |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   |                   |
| + Personnel                                     | 32,400                      | 2,316,090          | 2,910,146          | 3,304,219          | 3,675,496          | 3,901,636          | 4,018,686         | 4,139,245         | 4,263,423         | 4,391,325         | 4,523,065         | 37,475,731        |
| + Fringe Benefits                               | 8,748                       | 569,252            | 738,158            | 868,097            | 1,005,142          | 1,109,416          | 1,188,406         | 1,273,021         | 1,363,660         | 1,460,752         | 1,564,758         | 11,149,410        |
| + Travel  | 0                           | 26,000             | 26,780             | 27,583             | 28,411             | 29,263             | 30,141            | 31,045            | 31,977            | 32,936            | 33,924            | 298,061           |
| + Consultants                                   | 0                           | 320,000            | 392,909            | 597,063            | 614,975            | 633,425            | 652,427           | 672,000           | 692,160           | 712,925           | 734,313           | 6,022,198         |
| + Medical & Lab Supplies                        | 0                           | 1,020,000          | 1,534,800          | 1,009,744          | 834,836            | 660,081            | 335,484           | 191,048           | 196,780           | 202,683           | 208,764           | 6,194,221         |
| + Other Supplies                                | 12,200                      | 58,608             | 54,742             | 61,630             | 67,080             | 69,093             | 71,166            | 73,300            | 75,499            | 77,764            | 80,097            | 701,181           |
| + Contracted Services                           | 24,900                      | 327,156            | 188,836            | 197,670            | 206,301            | 212,490            | 218,865           | 225,431           | 232,194           | 239,160           | 246,335           | 2,319,339         |
| + Equipment                                     | 0                           | 1,530,000          | 2,302,200          | 1,514,616          | 1,252,254          | 990,122            | 503,226           | 286,573           | 295,170           | 304,025           | 313,146           | 9,291,331         |
| + Indirect Costs                                | 0                           | 0                  | 0                  | 0                  | 0                  | 0                  | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| <b>Total Uses of Funds</b>                      | <b>78,248</b>               | <b>6,167,106</b>   | <b>8,148,572</b>   | <b>7,580,623</b>   | <b>7,684,497</b>   | <b>7,605,526</b>   | <b>7,018,401</b>  | <b>6,891,664</b>  | <b>7,150,862</b>  | <b>7,421,571</b>  | <b>7,704,401</b>  | <b>73,451,470</b> |
| <b>=</b>  |                             |                    |                    |                    |                    |                    |                   |                   |                   |                   |                   |                   |
| <b>Net Dept of Global Health Activity</b>       | <b>30,731,500</b>           | <b>(1,775,227)</b> | <b>(2,884,458)</b> | <b>(2,017,978)</b> | <b>(1,853,870)</b> | <b>(1,523,666)</b> | <b>(721,562)</b>  | <b>(390,273)</b>  | <b>(199,531)</b>  | <b>10,669</b>     | <b>220,154</b>    | <b>19,595,759</b> |
| + Grant Funding                                 | 0                           | 74,291,261         | 87,934,261         | 91,412,911         | 95,021,140         | 98,763,591         | 102,936,679       | 108,727,760       | 114,986,354       | 121,194,001       | 127,670,619       | 1,022,938,577     |
| - Grant Related Expenses                        | 0                           | 73,393,409         | 86,845,808         | 90,135,491         | 93,616,550         | 97,222,591         | 101,252,704       | 106,937,406       | 113,125,037       | 119,258,364       | 125,657,116       | 1,007,444,476     |
| <b>= Net Grant Related Activity</b>             | <b>0</b>                    | <b>897,851</b>     | <b>1,088,453</b>   | <b>1,277,420</b>   | <b>1,404,590</b>   | <b>1,541,000</b>   | <b>1,683,975</b>  | <b>1,790,354</b>  | <b>1,861,317</b>  | <b>1,935,637</b>  | <b>2,013,503</b>  | <b>15,494,100</b> |
| <b>Balance as of End of Year</b>                | <b>30,731,500</b>           | <b>29,854,124</b>  | <b>28,058,119</b>  | <b>27,317,561</b>  | <b>26,868,282</b>  | <b>26,885,615</b>  | <b>27,848,029</b> | <b>29,248,110</b> | <b>30,909,896</b> | <b>32,856,202</b> | <b>35,089,859</b> | <b>N/A</b>        |
| Cash Flows to calculate present value of liabil | 0                           | 0                  | 0                  | 0                  | 0                  | 0                  | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| Cash Flows to calculate present value of liabil | #REF!                       | 29,854,124         | 28,058,119         | 27,317,561         | 26,868,282         | 26,885,615         | 27,848,029        | 29,248,110        | 30,909,896        | 32,856,202        | 35,089,859        | 0                 |
| <b>Unfunded Cash Flows</b>                      | <b>0</b>                    | <b>0</b>           | <b>0</b>           | <b>0</b>           | <b>0</b>           | <b>0</b>           | <b>0</b>          | <b>0</b>          | <b>0</b>          | <b>0</b>          | <b>0</b>          | <b>0</b>          |
| <b>Balance of the Endowment</b>                 | <b>20,181,500</b>           | <b>20,914,088</b>  | <b>21,673,270</b>  | <b>22,460,010</b>  | <b>23,275,308</b>  | <b>24,120,202</b>  | <b>24,995,765</b> | <b>25,903,111</b> | <b>26,843,394</b> | <b>27,817,809</b> | <b>28,827,596</b> |                   |
| <b>Balance of Current Use Funds</b>             | <b>10,000,000</b>           | <b>8,940,036</b>   | <b>6,384,850</b>   | <b>4,857,552</b>   | <b>3,592,974</b>   | <b>2,765,414</b>   | <b>2,765,414</b>  | <b>2,765,414</b>  | <b>2,765,414</b>  | <b>2,765,414</b>  | <b>2,765,414</b>  |                   |
| <b>Balance of Non-interest Bearing Funds</b>    | <b>550,000</b>              | <b>0</b>           | <b>0</b>           | <b>0</b>           | <b>0</b>           | <b>0</b>           | <b>86,850</b>     | <b>579,585</b>    | <b>1,301,088</b>  | <b>2,272,979</b>  | <b>3,496,849</b>  |                   |

Note 1: Interest income is only calculated on initial funding (Endowment and previous BMGF pieces). Interest on endowment is based on 5% quarterly and previous BMGF is based on 3% per year.  
 Note 2: For calculating interest income, does not reflect UW policy on 5% caps on endowment distributions. This policy would be maintained within the endowment.