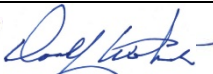




**SENATE LEGISLATION APPROVAL**

<b>Date:</b>	April 24, 2015
<b>To:</b>	Wallace D. Loh
<b>From:</b>	Donald Webster Chair, University Senate 
<b>Subject:</b>	PCC Proposal to Establish an Area of Concentration in Health Policy Analysis and Evaluation for the Master of Public Health
<b>Senate Document #:</b>	14-15-33

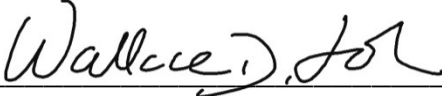
I am pleased to forward for your consideration the attached legislation entitled, "PCC Proposal to Establish an Area of Concentration in Health Policy Analysis and Evaluation for the Master of Public Health." Gregory Miller, Chair of the Programs, Curricula, and Courses (PCC) Committee, presented the proposal. The University Senate approved the proposal at its April 23, 2015 meeting.

We request that you inform the Senate Office of your decision as well as any subsequent action related to your conclusion.

Enclosure: PCC Proposal to Establish an Area of Concentration in Health Policy Analysis and Evaluation for the Master of Public Health  
Senate Document # 14-15-33

DW/rm

Cc: Mary Ann Rankin, Senior Vice President and Provost  
Reka Montfort, Executive Secretary and Director, University Senate  
Juan Uriagereka, Associate Provost for Faculty Affairs  
Michael Poterala, Vice President and General Counsel  
Janet Turnbull, Office of General Counsel  
Elizabeth Beise, Associate Provost for Academic Planning & Programs  
Sylvia B. Andrews, Academic Affairs  
Jane Clark, Dean, School of Public Health  
Coke Farmer, Assistant Dean, School of Public Health  
Luisa Franzini, Chair, Health Services Administration Department, School of Public Health

Approved:   
Wallace D. Loh  
President

Date: 05-04-2015



**University Senate  
TRANSMITTAL FORM**

<b>Senate Document #:</b>	14-15-33
<b>PCC ID #:</b>	14045
<b>Title:</b>	Establish a New Area of Concentration in Health Policy Analysis and Evaluation
<b>Presenter:</b>	Gregory Miller, Chair, Senate Programs, Curricula, and Courses Committee
<b>Date of SEC Review:</b>	April 9, 2015
<b>Date of Senate Review:</b>	April 23, 2015
<b>Voting (highlight one):</b>	<ol style="list-style-type: none"> <li>1. On resolutions or recommendations one by one, or</li> <li>2. In a single vote</li> <li>3. To endorse entire report</li> </ol>
<b>Statement of Issue:</b>	<p>The School of Public Health and the Department of Health Services Administration propose to offer a new area of concentration in Health Policy Analysis and Evaluation for the Master of Public Health (MPH) degree. All students in the Master of Public Health program are required to take core courses in epidemiology, biostatistics, health systems, health behavior, and environmental health. This new area of concentration will allow MPH students to develop a specialty in understanding and analyzing health policy at the state, national, and global levels. This expertise in addressing the complex challenges inherent in the public health and health care systems is particularly important in the current environment of rapid health care reform. Public health practitioners and researchers play a critical role in the understanding, analysis, evaluation, and development of health policy. Skills in this area are in demand by state and national governments, as well private and non-profit organizations. The Department of Health Services Administration is well-suited to offer this concentration as it has developed its strength in this area through recent faculty hires.</p> <p>After taking the core courses for the MPH, students in this concentration will take a total of 28 credits that focus on health policy analysis and evaluation. Students will take 21 credits directly related to health policy, and will be required to complete</p>

	<p>a one-credit seminar, a three-credit internship, and a three-credit capstone project to complete the program.</p> <p>This proposal received the unanimous support of the Graduate School Programs, Curricula, and Courses committee at its meeting on March 30, 2015. The proposal received the unanimous support of the Senate Programs, Curricula, and Courses committee at its meeting on April 3, 2015.</p>
<b>Relevant Policy # &amp; URL:</b>	N/A
<b>Recommendation:</b>	The Senate Committee on Programs, Curricula, and Courses recommends that the Senate approve this new area of concentration.
<b>Committee Work:</b>	The committee considered this proposal at its meeting on April 3, 2015. Luisa Franzini, chair of Health Services Administration, and Coke Farmer, Assistant Dean of the School of Public Health, presented the proposal. After discussion, the committee voted unanimously to recommend the proposal.
<b>Alternatives:</b>	The Senate could decline to approve this new concentration.
<b>Risks:</b>	If the Senate declines to approve this new area of concentration, the University will lose an opportunity to become a leader in the increasingly important area of training public health professionals in health policy analysis and evaluation.
<b>Financial Implications:</b>	There are no significant financial implications with this proposal. The Department of Health Services Administration and School of Public Health has the faculty, courses, and infrastructure needed to create this concentration.
<b>Further Approvals Required:</b>	If the Senate approves this proposal, it would still require further approval by the President, the Chancellor, and the Maryland Higher Education Commission.

# THE UNIVERSITY OF MARYLAND, COLLEGE PARK PROGRAM/CURRICULUM/UNIT PROPOSAL

- Please email the rest of the proposal as an MSWord attachment to [pcc-submissions@umd.edu](mailto:pcc-submissions@umd.edu).

PCC LOG NO.

14045

- Please submit the signed form to the Office of the Associate Provost for Academic Planning and Programs, 1119 Main Administration Building, Campus.

**College/School: SPHL**

Please also add College/School Unit Code-First 8 digits: **01203300**

Unit Codes can be found at: [https://hypprod.umd.edu/Html\\_Reports/units.htm](https://hypprod.umd.edu/Html_Reports/units.htm)

**Department/Program: HLSA**

Please also add Department/Program Unit Code-Last 7 digits: **1331301**

**Type of Action (choose one):**

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Curriculum change (including informal specializations) | <input type="checkbox"/> <i>New academic degree/award program</i>                   |
| <input type="checkbox"/> Curriculum change for an LEP Program                              | <input type="checkbox"/> New Professional Studies award iteration                   |
| <input type="checkbox"/> <i>Renaming of program or formal Area of Concentration</i>        | <input type="checkbox"/> New Minor  |
| <input type="checkbox"/> <i>Addition/deletion of formal Area of Concentration</i>          | <input type="checkbox"/> Request to create an online version of an existing program |
| <input type="checkbox"/> <i>Suspend/delete program</i>                                     |   |

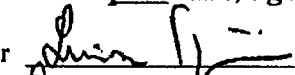


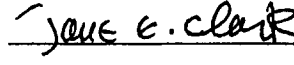
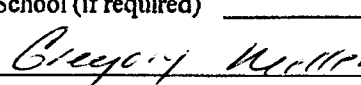
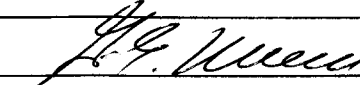
*Italics indicate that the proposed program action must be presented to the full University Senate for consideration.*

**Summary of Proposed Action:**

Central to the mission and values of the University of Maryland, College Park, School of Public Health (UMD-SPH) is the development of highly qualified professionals who are prepared to be leaders and to develop new areas of expertise in the field of health policy analysis and evaluation. There is growing national demand for professionals who understand and are able to analyze and evaluate health policies and the impact of health policies on the health of the population in the state, the nation, and worldwide, and can leverage this knowledge to combat major public health and health services issues facing today's society. To address this demand, the UMD-SPH proposes to add an Area of Concentration in Health Policy Analysis and Evaluation to its existing Master of Public Health (MPH). This concentration will leverage a unique strength of UMD-SPH, through its expertise in HLSA. To our knowledge, this will be a unique offering within the State of Maryland. This 43 credits Concentration, which includes the five required MPH core courses, a required internship, a required capstone course, and cognate courses (7 elective courses and 1 required seminar), will train individuals to focus practice and/or research activities on the analysis and evaluation of health policies.

**Departmental/Unit Contact Person for Proposal: Luisa Franzini, Professor and Chair**

APPROVAL SIGNATURES - Please *print name, sign, and date*. Use additional lines for multi-unit programs.

1. Department Committee Chair  LUISA FRANZINI 1/28/2015
2. Department Chair  LUISA FRANZINI 1/28/2015
3. College/School PCC Chair  ROBIN SAWYER 2/23/15
4. Dean  JANE E. CLARK 3/3/15
5. Dean of the Graduate School (if required) \_\_\_\_\_
6. Chair, Senate PCC  G. Miller  J. G. Uccella 1/3/15
7. University Senate Chair (if required) \_\_\_\_\_
8. Senior Vice President and Provost \_\_\_\_\_

**UNIVERSITY SYSTEM OF MARYLAND INSTITUTION PROPOSAL FOR**

- New Instructional Program
- Substantial Expansion/Major Modification
- Cooperative Degree Program
- Within Existing Resources, or
- Requiring New Resources

**University of Maryland College Park**

Institution Submitting Proposal

**Master of Public Health : Health Policy Analysis and Evaluation**

Title of Proposed Program

**Master of Public Health**

Award to be Offered

**Fall 2015**

Projected Implementation Date

**121400**

Proposed HEGIS Code

**51.2201**

Proposed CIP Code

**Health Services Administration**

Department in which program will be located

**Luisa Franzini**

Department Contact

**301-405-2470**

Contact Phone Number

**franzini@umd.edu**

Contact E-Mail Address

Signature of President or Designee

Date

## **Mission and Overview**

As the state's flagship campus, the mission of the University of Maryland, College Park is to provide excellence in teaching, research, and service. The University educates students and advances knowledge in areas of importance to the State, the nation, and the world. As a land-grant institution, the University shares its research, educational, cultural, and technological strengths with the Maryland citizenry and other constituencies. Its collaborations with state, federal, private, and non-profit partners promote economic development and improve quality of life.

The mission of the University of Maryland, College Park, School of Public Health (UMD-SPH) is to promote and protect the health and well-being of the diverse communities throughout Maryland, the nation and the world through interdisciplinary education, research, practice, leadership and public policy. The mission of the Department of Health Services Administration (HLSA) includes advancing innovative and effective health policies to improve the health system and its functionality into the 21st century and beyond to achieve the best in human health outcomes.

Central to this mission is the development of highly qualified professionals who are prepared to be leaders in their field and to develop new areas of expertise. Understanding, analyzing, evaluating, and developing health policy in the state, the nation, and the world is an important task for today's public health and health care professionals. Health policy includes not only health care policy but also all policies that affect the public's health such as policies related to public health organizations and other public policies in education, housing, nutrition, environmental pollution that have an impact on population health. The development of health policy is a core function of public health. Public health and health care practitioners and researchers play a critical role in the understanding, analysis, evaluation, and development of health policy in the public, nonprofit and private sectors. There is a growing national demand for professionals who can contribute critical skills to the understanding of health policy and its impact on the health of the population. These professionals are needed to contribute their expertise to the decision-making required in the development of health policy aimed at addressing the complex challenges inherent in the public health and healthcare systems. The current environment of rapid health care reform, including the implementation of the Affordable Care Act, requires expanding professionals' expertise in health policy, in particular in the analysis and evaluation of health policies and health care reforms. To address this demand, the UMD-SPH proposes to add an Area of Concentration in Health Policy Analysis and Evaluation to its existing Master of Public Health (MPH). The MPH in Health Policy Analysis and Evaluation will meet all of the requirements of the existing MPH degree, including the five MPH required core courses, the required internship, the required capstone course, and cognate courses (7 elective courses and 1 required seminar), totaling 43 credit hours. This concentration will be the seventh within the MPH, and will leverage a unique strength of UMD-SPH. HLSA has recently added depth and breadth to its already considerable policy expertise by hiring two new faculty who are renowned researchers in health policy. The Concentration will enable public

health trained individuals to focus practice and/or research activities on the analysis and evaluation of health policies in the State of Maryland and the nation.

While other programs in the state focus on health policy, our program's focus on the *analysis and evaluation of health policy* will be unique within the State of Maryland. To our knowledge, no other institution in Maryland offers a Master of Public Health focused specifically on the *analysis and evaluation of health policy* for public health researchers and practitioners. Other schools of public health and other institutions within the state offer several master programs in health policy, but those programs differ in several ways from the proposed MPH in Health Policy Analysis and Evaluation. A brief description of germane programs in the state follows:

- The Bloomberg School of Public Health at Johns Hopkins Master of Science in Public Health in Health Policy which focuses on training health policy analysts primarily for work in the United States consists of one year of full-time residential academic coursework, followed by a nine-month field placement of full-time employment in a professional health policy setting.
- The Department of Health Policy and Management at Morgan State University offers a generalist MPH degree that emphasizes preparing students to understand and analyze health policy issues affecting underserved populations and people of color.
- UMD School of Public Policy offers a Master in Public Policy with a specialization in health policy that acquaints students with the relevant history and institutions of social policy, develops their quantitative skills for program evaluation and the analysis of large data sets, and helps them grapple with the moral issues raised by inequality.
- The University of Maryland Baltimore County (UMBC) School of public Policy offers a Master of Public Policy (M.P.P.) with a track in Health Policy.
- The Center for Health Policy & Health Services Research, at the University of Maryland School of Medicine is a non-degree granting program that provides epidemiologic/biostatistical support, quality improvement study design and evaluation, disease management program support, and health outcomes studies among its many services but does not offer a MPH program in health policy.

Our proposed MPH concentration in Health Policy Analysis and Evaluation is unique in that it focuses not only on health care policies but on the analysis and evaluation of all policies that affect the public's health such as policies related to public health organizations and other public policies in education, housing, nutrition, and environmental pollution, among others that have an impact on population health. UMD-SPH is particularly well suited for such a program, given its location in the DC area. The benefits to students arising from our location include proximity to federal government and agencies tasked with developing and implementing health policies such as the Centers for Medicare & Medicaid Services, in particular the Center for Medicare & Medicaid Innovation, The Agency for Healthcare Policy and Research, the Environmental Protection Agency and Health Resources and Services Administration. Our location is also geographically close to top private and non-profit research institutions such as RAND, Mathematica, The Urban Institute, and The Brookings Institution, which conduct high-quality, independent research and provide innovative, practical recommendations to health policy makers. Faculty in the Health Services Administration department has active collaborations

with several of these agencies and institutions and students in the department would have access to internships, capstone projects and post-graduation positions at these organizations.

In addition, students in the proposed program would benefit for the Health Services Administration department's close links with the State of Maryland legislature. The department houses the innovative Legacy Leadership Institute on Public Policy which provides a bridge between needs of local communities and government in the State of Maryland and the knowledge and expertise of Maryland residents age 50+ who are seeking careers are volunteer service leaders. The program offers training and leaderships in government offices and the nonprofit sector by providing intensive class room instruction before matching Legacy Leaders prior to the opening of the Maryland legislative session with government and nonprofit sector officials who serve as on-site mentors during the 90 day legislative session from January to early April. Additionally, students in the SPH have previously interned with General Assembly members; in those experiences, they have conducted research on legislative issues, co-authored legislation, assisted in preparation for hearings, and other policy related tasks.

This unique professional degree program differs from the other MPH at UMD-SPH, which are focused on the core disciplines of public health. The MPH program in Health Policy Analysis and Evaluation is designed to train students as public health scientists and practitioners that focus practice and/or research activities on the understanding, analysis, evaluation, and development of health policy. Various agencies in the state (e.g., county and state health departments) and across the nation (e.g., NIH and CDC), including colleges/universities, health-related agencies, community groups, and even large corporations (health care systems and insurance plans), employ public health professionals with a deep understanding of health policy in order to design, implement, analyze and evaluate policies to improve the health of their constituents. This program prepares graduates to take leadership positions in government agencies, consulting companies, health care organizations such as hospitals, community clinics, or health systems corporations, as well as health policy research organizations.

We anticipate a relatively small class size, with 10 students admitted to the concentration per year, although future expansion to 20 students per year may occur as the program is developed. We expect to draw students with Bachelor's Degrees from several fields in the social and behavioral sciences and related fields who seek to add professional training in public health and/or specialized knowledge in health policy analysis and evaluation.

### **Characteristics of the Proposed Program**

The concentration was developed in collaboration with the School of Public Health dean's office to ensure that it meets all of the requirements of the existing MPH degree, including the five MPH required core courses, the required internship, the required capstone course, and cognate courses (7 elective courses and 1 required seminar), totaling 43 credit hours. The proposed program also satisfies CEPH (the accreditation body) requirements. To accommodate a variety of career pursuits, students have flexibility in designing their course structure. Once a foundational knowledge is acquired through the MPH program's core requirements, students



are encouraged to take electives across a range of disciplines. A number of elective courses are available within the existing HLSA graduate curriculum. Three new HLSA courses will be developed specifically for this Concentration. In addition, students will be allowed to take up to two electives from other departments at UMD-SPH as well as across other UMD departments and DC area institutions. Students will be advised to work with SPH faculty for recommendations about how certain elective courses will best support particular career aspirations. The curriculum is adaptable to both a full and part-time student status. A small number of students are expected to take elective courses outside of HLSA. The anticipated number will be 0-1 students per course per year, so no significant impact is anticipated for these programs. The new courses developed as part of this proposal are:

HLSA713 Seminar in health policy (1 credit – required)

HLSA723 Policy Analysis and Advocacy (3 credits - elective)

HLSA733 Topics in health care reform (3 credits - elective)

These courses are being reviewed by VPAC and their syllabi are attached to this application)

#### **Catalog Description:**

#### **Master of Public Health with concentration in Health Policy Analysis and Evaluation (M.P.H.)**

The Master of Public Health (MPH) degree with a concentration in Health Policy Analysis and Evaluation is a 43-credit professional degree offered by the Department of Health Services Administration. The program is described below.

**Educational Objectives and Competencies:** Upon completion of the program, students will be able to:

- 1) Apply understanding of the fundamental components of health care systems, delivery, and financing to assess the impact and consequences of various policy solutions, proposed laws, or regulation.
- 2) Comprehensively evaluate programs and policies using data analysis, program monitoring, needs assessment, economic evaluation and statistical and analytic methods.
- 3) Synthesize knowledge of the American political system, political institutions, organizational goals and values, resources and power to understand the health policymaking process.
- 4) Interpret data sources, variables, programming tools, and data collection methods to inform pragmatic decisions about policy analysis and program evaluation.
- 5) Assess programs and policies based on a varied set of values, including the influence of racial/ethnic disparities, diverse populations (i.e. language, disability, etc) health care access, spending, quality, and the overall health and wellness of the population.

All MPH students with concentration in Health Policy Analysis and Evaluation will complete the following three modules:

Module 1. Five required MPH core courses

Module 2. Seven elective health policy analysis and evaluation cognate courses

Module 3. Required health policy seminar, internship and capstone (or thesis).

For Module 2, the student with the advisor chooses elective courses to meet the program competencies from the courses in the table below. With advisor's approval, students may select at most two electives (up to 6 credits) from courses relevant to the study of health policy offered at other UMD-SPH departments, at the UMD - College Park campus, at the UMD-Baltimore campus, at UMBC, and at other institutions in the DC area (through the Consortium of Universities of the Washington Metropolitan Area). A summary of program requirements is in the table below and Appendix A lists a sample of elective courses. Appendix B contains a more detailed description of the program outcomes and how they will be assessed.

### Summary of requirements for the proposed MPH in Health Policy Analysis and Evaluation

Module	Course number and name	Credits
<b>1. MPH core courses - required</b>	EPIB 650 Biostatistics I	3
	EPIB 610 Foundations of Epidemiology	3
	HLSA 601 Introduction to Health Systems	3
	HLTH 665 Health Behavior I	3
	MIEH 600 Foundations of Environmental Health	3
	<b>Total MPH core</b>	<b>15</b>
<b>2. Health Policy elective cognate courses - choose 21 credits</b>	HLSA 702 Politics and Policy of Health	3
	HLSA 720 Health Law and Ethics	3
	HLSA 721 Using Demographic Data for Health Policy Analysis	3
	HLSA 711 Health Care Economics and Analysis	3
	HLSA 775 Public Health Research Methods	3
	HLSA 787 Minority Health and Health Equity	3
	HLSA 725 Econometrics in Public Health	3
	HLSA733 Topics in Health Care Reform	3
	HLSA723 Policy Analysis and Advocacy	3
	HLSA 688 Independent study**	3
	Elective courses offered by UMD-SPH, UMD, UMB, UMBC, or Consortium of Universities of the Washington Metropolitan Area **	Up to 6
<b>Total cognate courses</b>	<b>21</b>	
<b>3. Seminar / Internship / Capstone - required</b>	HLSA713 Seminar in Health Policy	1
	HLSA 785 Internship	3
	HLSA 786 Project (or HLSA 799 for Thesis*)	3
	<b>Total seminar/internship / capstone</b>	<b>7</b>
	<b>TOTAL CREDITS REQUIRED FOR MPH</b>	<b>43</b>

\*\* Requires advisor's approval

\* Students completing a thesis (6 credits) instead of a capstone project (3 credits) can select to take one less elective cognate course to compensate for the 3 additional thesis credits.

## **Faculty and Organization**

The proposed MPH with Concentration in Health Policy Analysis and Evaluation will be supported by various departments within the School of Public Health. The Dean has expressed full support for this new program and all of the courses that support the degree requirements (e.g., Core courses) will be able to accommodate the addition of the new students (see attached dean's letter).

The department of Health Services Administration within the UMD School of Public Health will provide academic oversight of this concentration. In the last year, two new faculty members with expertise in health policy have been hired by HLSA and they will participate in teaching courses and advising students for the new concentration. Fifty percent time of one of the new faculty and 20% of a staff person will be redirected to assist with the administration of the program, including instruction, graduate admissions, advising, and program oversight. One recent faculty hire has developed and is currently teaching HLSA721 Using Demographic Data for Health Policy Analysis, which is elective for the new proposed MPH. He will also take the lead in HLSA713 Seminar in Health policy. The second recent hire will take on instructional leadership of HLSA733 Topics in Health Care Reform and HLSA723 Policy Analysis and Advocacy. Existing faculty members will continue to teach the other HLSA courses listed as electives.

The Department of Health Services Administration is a nationally-recognized doctoral program with faculty expertise in a wide range of areas within health policy and health administration. These faculty members will teach courses that MPH students may take as elective courses, and will also be available to assist with supervising student internship projects (HLSA785 ) and capstone projects (HLSA786) or thesis (HLSA 799 for Thesis).

### ***Health Services Administration faculty:***

Michel Boudreaux, Ph.D. Health Services Research, Policy and Administration; Assistant Professor, Full-time. Courses: HLSA721, HLSA713

Jie Chen, Ph.D. Economics; Assistant Professor, Full-time. Courses: HLSA711

Rada Dagher, Ph.D. Health Services Research, Policy & Administration; Assistant Professor, Full-time. Courses: HLSA775

Luisa Franzini, Ph.D. Econometrics; Professor and Chair, Full-time. Courses: HLSA725

Karoline Mortensen, Ph.D. Health Services Organization and Policy; Assistant Professor, Full-time. Courses: HLSA601

Dylan Roby, Ph.D. Public Policy; Assistant Professor, Full-time. Courses: HLSA733, HLSA723

Lori Simon-Rusinowitz, Ph.D. Public Policy Analysis (Health Policy and Planning Specialization); Associate Professor, Full-time. Courses: HLSA702

Stephen B. Thomas, Ph.D. Community Health Education; Professor and Director, Maryland Center for Health Equity, Full-time. Courses: HLSA 787

### **Library and Physical Resources**

No impact on library or other resources is anticipated (see attached letter from the library supporting this program). The new students will not negatively impact on the existing MPH programs at UMD-SPH. Four new courses will be added to the course catalog for this MPH concentration and none will include a laboratory component that would tax physical resources. Students will complete the bulk of their "hands-on" training in internship and professional settings off campus, as arranged by the student and their advisor. The existing physical resources can accommodate the additional students anticipated as part of this program.

### **Resources and Finance**

No new resources within the School of Public Health are required to offer this concentration. The new MPH concentration will be housed in the Health Services Administration department and no additional resources will be required. The School's Graduate Programs Committee has confirmed that new students in this concentration can be accommodated with existing course offerings, with only one new course as described above. Graduate admissions procedures for the MPH degree can accommodate the new applicants for this concentration. A cohort size of approximately 10-20 students per year is anticipated. The department of Health Services Administration has confirmed that there will be no negative impact on its existing masters and doctoral programs.

**Resources and Expenditures**

TABLE 1: RESOURCES					
Resources Categories	(Year 1)	(Year 2)	(Year 3)	(Year 4)	(Year 5)
1. Reallocated Funds <sup>1</sup>	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
2. Tuition/Fee Revenue <sup>2</sup> (c+g below)	\$53,680	\$73,810	\$120,780	\$167,750	\$221,430
a. #F.T Students	3	4	7	10	13
b. Annual Tuition/Fee Rate	\$13,420	\$13,420	\$13,420	\$13,420	\$13,420
c. Annual Full Time Revenue (a x b)	\$40,260	\$53,680	\$93,940	\$134,200	\$174,460
d. # Part Time Students	2	3	4	5	7
e. Credit Hour Rate	\$671	\$671	\$671	\$671	\$671
f. Annual Credit Hours	10	10	10	10	10
g. Total Part Time Revenue (d x e x f)	\$13,420	\$20,130	\$26,840	\$33,550	\$46,970
3. Grants, Contracts, & Other External Sources	0	0	0	0	0
4. Other Sources	0	0	0	0	0
<b>TOTAL (Add 1 - 4)</b>	<b>\$93,680</b>	<b>\$113,810</b>	<b>\$160,780</b>	<b>\$207,750</b>	<b>\$261,430</b>

<sup>1</sup> The resources required to support this new MPH concentration will be provided by reallocation of funds in the present Departmental state-funded budget for faculty (tenure track lines). The resources have become available from the departure of faculty and there is no negative impact on present members.

<sup>2</sup> This figure is an estimate of the percentage of tuition and fees used to support the new program. The tuition rate is preset by the University for the MPH degree programs in the School of Public Health; the current rate is \$671.00 per credit hour, which applies to the proposed emphasis, which is a new degree concentration, but is a not new degree.

TABLE 2: EXPENDITURES

Expenditure Categories	(Year 1)	(Year 2)	(Year 3)	(Year 4)	(Year 5)
1. Total Faculty Expenses (b + c below)	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000
a. # FTE	0.5	0.5	0.5	0.5	0.5
b. Total Salary	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
c. Total Benefits	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000
2. Total Administrative Staff Expenses (b + c below)	\$17,680	\$17,680	\$17,680	\$17,680	\$17,680
a. # FTE	0.2	0.2	0.2	0.2	0.2
b. Total Salary	\$34,000	\$34,000	\$34,000	\$34,000	\$34,000
c. Total Benefits	\$10,200	\$10,200	\$10,200	\$10,200	\$10,200
3. Total Support Staff Expenses (b + c below)	0	0	0	0	0
a. # FTE	0	0	0	0	0
b. Total Salary	0	0	0	0	0
c. Total Benefits	0	0	0	0	0
4. Equipment	0	0	0	0	0
5. Library	0	0	0	0	0
6. New or Renovated Space	0	0	0	0	0
7. Other Expenses	0	0	0	0	0
TOTAL (Add 1 - 7)	\$69,680	\$69,680	\$69,680	\$69,680	\$69,680

## Appendix A: Program requirements and list of courses

### MPH HEALTH POLICY ANALYSIS AND EVALUATION PROGRAM REQUIREMENTS – TOTAL 43 CREDITS

The program is organized in 3 modules. The required and elective courses for each module are described below.

#### MODULE 1: MPH CORE COURSES - 5 required courses or 15 credits

- **EPIB 610 Foundations of Epidemiology**, 3 cr. Introduction to the discipline of epidemiology and its applications to health issues and practices. Basic epidemiologic concepts and methods will be covered.
- **EPIB 650 Biostatistics I**, 3 cr. Basic statistical concepts and procedures for Public Health. Focuses on applications, hands-on-experience, and interpretations of statistical findings.
- **HLSA 601 Introduction to Health Systems**, 3 cr. Management and leadership skills for effective public health planning, organization, management and administration. Emphasis is on the role of institutions in learning and behavioral change process, organizational theory, administration management, and coordinating provision of community health services.
- **HLTH 665 Health Behavior I**, 3 cr. The psychological, social psychological, and sociological theories of health behavior. The relation of health knowledge, beliefs, attitudes, intentions, and behavior to preventive, illness, sick-role, and health utilization behaviors.
- **MIEH 600 Foundations of Environmental Health**, 3 cr. Overview of the chemical, physical and biological hazards present in our living and working environment and their effects on human health. Topics include: exposure assessment, industrial hygiene and safety, pesticides, community and indoor pollution, food-borne diseases, solid and hazardous wastes, water resources, risk assessment, ecological issues and environmental laws.

#### MODULE 2: HEALTH POLICY ANALYSIS AND EVALUATION ELECTIVE COGNATE COURSES - Student with advisor chooses 7 courses or 21 credits from the lists below:

Possible elective courses offered by HLSA:

- **HLSA 702 Politics and Policy of Health**, 3cr: Organizational and financial components of the U.S. health care system, including social and political forces that bind the system. Advanced political analysis of the health care system, including key issues and problems.

- **HLSA 720 Health Law and Ethics, 3 cr:** The legal system helps determine the relationships prevailing among individuals, institutions and governments by setting out the rights, duties and powers of the various parties. This course will look at some of the more important concepts the law uses within the context of health services and public health.
- **HLSA 721 - Using Demographic Data for Health Policy Analysis, 3 cr:** Prerequisite: EPIB650; or permission of instructor. The goal of this course is to introduce students to the major demographic data sets that are used in health policy research and to provide hands-on experience using these data to answer policy oriented research questions. In conjunction, through a series of labs and assignments, students will gain experience in developing researchable policy questions, obtaining publicly available data, analyzing it with statistical software (Stata), and communicating results through the creation of tables and reports that meet the standards of professional policy research. By the end of the course, each student will have written a high quality empirical paper on a policy topic of their choice.
- **HLSA 711 Health Care Economics and Analysis, 3 cr:** Provides an analysis of health and health care services as economic goods. Using microeconomic theories, we will examine the behavior of health care providers, consumers, markets, and firms.
- **HLSA 775 Public Health Research Methods, 3 cr:** Prerequisite: EPIB650. Provides an interdisciplinary approach to gaining an understanding of and acquiring the skills to conduct public health research. This course covers policy and social issues, theory, and methods of evaluation and participatory research, from simple community based health programs to large-scale interventions. The course emphasizes experimental and quasi-experimental designs to estimate program impact as well as evaluation of program implementation. Case studies drawn from the public health field illustrate various types of evaluations and participatory research initiatives. Lectures, interactive discussions, group projects, individual projects and related assignments
- **HLSA 725 Econometrics in Public Health, 3 cr:** This course is an empirical course which introduces students to econometric methods and their applications in public health. Topics may include: OLS regression, model specification, multicollinearity, heteroscedasticity, autocorrelation, panel data, instrumental variables, selection models and endogeneity. During the semester, students will also complete a research project of their choice that uses econometrics methods with MEPS data or other publicly available health care data.
- **HLSA733 Topics in Health Care Reform, 3 cr.** This course examines health care reform in the U.S. and in the state of Maryland. Current and proposed national and state reforms will be analyzed.
- **HLSA723 Policy Analysis and Advocacy, 3cr:** Examination of the politics of the health policy process, including the effects of American political structure and institutions; economic and social factors; interest groups, classes, and social movements; media and



public opinion, and other factors. The emphasis is both on understanding how public policy is made as well as how to influence the process.

- **HLSA 787 Minority Health and Health Equity**, 3 cr: A critical analysis of historical, political, economic, social, cultural, and environmental conditions that have produced an inequitable health status for racial and ethnic minorities in the United States.
- **HLSA 688 Independent study**, 3 cr: Requires advisor's approval

With advisor's approval, students may choose a maximum of two elective courses (up to 6 credits) offered by other departments and campuses. Some courses may require pre-requisites or special permission, especially those offered outside UMD-SPH. Catalog descriptions may be found in the respective catalogues. Below is a list illustrating possible elective courses offered outside HLSA.

Course offered at UMD-SPH:

- FMSC 750 Family and Health Policy (3 credits)
- MIEH 730 Environmental Justice, Built Environment, and Health Disparities
- MIEH 770 Law and Policy in Environmental Health

Courses offered at UMD:

- ECON 641 - Microeconomic Analysis
- ECON 671 - Economics of Health Care
- ECON 672 - Program Analysis and Evaluation
- ECON 674 - Economic Analysis of Law
- PUAF 610 Quantitative Aspects of Public Policy
- PUAF 611 Quantitative Analysis of Social Policy
- PUAF 620 Political Institutions & Leadership
- PUAF 688A Comparative Political Institutions
- PUAF 640 Microeconomics and Policy Analysis
- PUAF 650 Moral Dimensions of Public Policy
- PUAF620 Political Analysis
- PUAF689E Program Evaluation and Cost-Benefit Analysis
- PUAF734 Foundations of Social Policy

Courses offered at UMBC:

- PUBL 603 Theory and Practice of Policy Analysis
- PUBL 613 Managing Public Organizations
- PUBL 623 Governmental Budgeting
- ECON 600 Policy Consequences of Economic Analysis
- PUBL 601 Political and Social Context of the Policy Process
- SOCY 606 Social Inequality and Social Policy

Elective courses from Consortium of Universities of the Washington Metropolitan Area

<http://www.registrar.umd.edu/current/registration/consortium.html> )

**MODULE 3: SEMINAR/INTERNSHIP/CAPSTONE - required 7 credits**

- HLSA 785 Internship in Public Health, 3 cr. The internship is a time-limited, supervised period of public/community health activities carried out in a health or allied health organization involved with health policy. Students gain practical experience in areas such as program planning and implementation, program evaluation, public policy analysis, research, and management.
- HLSA 786 Capstone Project in Public Health, 3 cr. The culminating experience in which the student applies knowledge and skills learned in the MPH program to conduct independent work on a health policy problem under the supervision of a faculty advisor. OR HLSA 799 for Thesis in Public Health, 6cr. )
- HLSA713 Seminar in Health Policy, 1 cr. Student-led presentations of contemporary literature in the areas of health policy, health care reform in the nation and Maryland, and evaluation of health policies and programs. Emphasis on papers describing new research findings, novel techniques, innovative methods, and emerging issues.

## Appendix B: Program Outcomes and Assessment Plan

We describe below the Educational Objectives and Competencies and in which classes those objectives and competencies will be assessed.

Upon completion of the program, students will be able to:

- 1) **Apply understanding of the fundamental components of health care systems, delivery, and financing to assess the impact and consequences of various policy solutions, proposed laws, or regulation.** Students will be able synthesize how the healthcare delivery system affects the impact of proposed policies and regulations.  
*Assessment: HLSA702, HLSA720, HLSA723, HLSA713*
- 2) **Comprehensively evaluate programs and policies using data analysis, program monitoring, needs assessment, economic evaluation and statistical and analytic methods.** Students will be able to use quantitative analytic methods to analyze existing data in the evaluation of programs and policies.  
*Assessment: HLSA723, HLSA711, HLSA721, HLSA725, HLSA775*
- 3) **Synthesize knowledge of the American political system, political institutions, organizational goals and values, resources and power to understand the health policymaking process.** Students will be able to describe how public policy is made as well as how to influence the process.  
*Assessment: HLSA702, HLSA723, HLSA713*
- 4) **Interpret data sources, variables, programming tools, and data collection methods to inform pragmatic decisions about policy analysis and program evaluation.** Students will be able to apply analytic skills to the on the ground decision making when developing and evaluating policies and programs.  
*Assessment: HLSA723, HLSA733*
- 5) **Assess programs and policies based on a varied set of values, including the influence of racial/ethnic disparities, diverse populations (i.e. language, disability, etc), health care access, spending, quality, and the overall health and wellness of the population.** Students will be able to describe the influence of disparities and population diversity on programs and policies. They will synthesize how policies and programs address values of equity and inclusion.  
*Assessment: HLSA787, HLSA713*



# UNIVERSITY OF MARYLAND

School of Public Health

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February 9, 2015

To the Academic Curriculum Review Community:

As Dean of the School of Public Health, I support the creation of a new Master of Public Health (MPH) concentration in Health Policy Analysis and Evaluation sponsored by the Department of Health Services Administration. The area of health policy and health care reform, including analysis and evaluation of policies and programs, is of critical importance to the overall promotion of public health in Maryland, the nation, and around the world. The current environment of rapid health care reform, including the implementation of the Affordable Care Act, requires expanding professionals' expertise in health policy, in particular in the analysis and evaluation of health policies and health care reforms. This is an important concentration for our school to offer and leverages a unique strength our school contributes to the academic preparation of the public health practice community.

The MPH with a concentration in Health Policy Analysis and Evaluation will be the seventh such MPH concentration in the school. In the last year, the school has hired two new tenure track faculty with expertise in health policy who, together with other faculty in the department, will assist with the administration and teaching requirements of the new program.

Our school's Graduate Programs Committee has discussed the implications of the new concentration and confirmed that new students in this concentration can be accommodated in our existing course offerings. Moreover, our graduate admissions procedures for the MPH degree can accommodate the new applicants for this concentration. Thus, no impact on resources is anticipated. The Department of Health Services Administration has confirmed that the new students will also not negatively impact their existing MPH, MHA or PhD degree programs.

In summary, I fully support this new concentration and will work with the chair in the Department of Health Services Administration to ensure smooth and successful implementation beginning in Fall 2016.

Sincerely,

A handwritten signature in black ink that reads "Jane E. Clark". The signature is written in a cursive style with a large initial 'J'.

Jane E. Clark, Ph.D.  
Professor and Dean

**DATE:** January 29, 2015

**TO:** Luisa Franzini, Professor & Chair, Health Services Administration, School of Public Health

**CC:** Daniel Mack, Associate Dean for Collection Strategies and Services, Libraries  
Gerri Foudy, Manager, Collections and Scholarly Communication, Libraries

**FROM:** Nedelina Tchangalova, Physical Sciences and Public Health Librarian

**RE:** Library Resources to Support Addition of (1) Area of Concentration in Health Equity and (2) Area of Concentration in Health Policy Analysis and Evaluation to its existing Master of Public Health (MPH)

The University of Maryland (UM) Libraries' mission is "to enable the intellectual inquiry and learning required to meet the education, research and community outreach mission of the University." Currently they support undergraduate and graduate students in a variety of face-to-face, online and distance learning programs, as well faculty working collaboratively with internal and external partners. The University of Maryland Libraries collections will continue adequately support the instruction and research needs of the two newly proposed Areas of Concentrations in Health Equity & Health Policy Analysis and Evaluation to its existing Master of Public Health (MPH).

As a department with strong ties with other departments/schools on and off campus, the Health Services Administration (HSA) is confident that library resources are readily available and accessible. Ease of access and flexible availability of library materials is paramount, and researchers, as well students expect this flexibility to be coupled with high academic quality and integrity. The current purchasing practices and available collections at the UM Libraries will ensure that these two goals can be met, both now and for the life of the department. In addition, the establishment of the new Collaborative School of Public Health provides even greater access and flexible availability; the School of Public Health (SPH) students and faculty at the University of Maryland—College Park (UMCP) have access to the Health Sciences and Human Services Library at the University of Maryland—Baltimore (UMB). Thus, the broader medical and global health journals available there are a part of UM Libraries available resources without additional expenditures. Moreover, UM Libraries' existing public health and collections of journals and databases will continue to support the research and teaching needs of the Health Services Administration Department.

#### **Public Health & Health Policy Library Collections**

While Health Services Administration Department is part of the School of Public Health, many of their faculty members have secondary appointments to other UMCP departments and UMB. McKeldin Library supports the undergraduate and graduates students in SPH, housing the majority of the monographs and serials pertaining to public health in general, and health policy in particular. A significant portion of these collections are electronically accessible, both on and off campus, and therefore are not location dependent.

#### **1. Monographs**

The Libraries' current collection of books related to health equity and policy is sufficient to meet the needs of the department. The ongoing acquisition of scholarly books is expected to be adequately

covered through existing acquisition practices and budgeting. As a land grant institution, the University of Maryland already has a tradition of emphasizing public health, including health equity and policy, and current collection development practices in the Libraries already support these topics.

At this time, UM Libraries have access to several multidisciplinary ebook collections related to public health and health policy (*Credo Reference, ebrary, EBSCO ebook collection, Gale Virtual Reference Library, Springer, World Scientific eBooks* and more). Due to the UM Libraries' purchasing preference for electronic materials, especially prevalent across the STEM fields, the number of electronic book collections is expected to continue to increase significantly in the coming years.

## 2. Electronic Resources: Journals and Databases

The Libraries' current list of subscriptions includes both core and related journals that support research and teaching in Public Health and Health Policy.

A search was performed in *Journal Citation Reports 2013 (JCR)*, a database that uses citation data to rank and determine the impact factor of journals in an academic field. To support the existing courses, at the present time the Libraries provide access to all of the top ten ranked journals from the JCR category of *Health Policy & Services*, nine of the top ten ranked journals from the JCR category of *Health Care Sciences & Services*, and all of the top ten ranked journals from the JCR category of *Public, Environment & Occupational Health*.

While other aspects of public health and health policy do not fall as neatly into a JCR-specified category, the UM Libraries provide access to numerous highly ranked journals from cross-sections of the JCR categories of *Agricultural Economics & Policy, Behavioral Sciences, Environmental Sciences, Family Studies, Law, Political Science, Public Administration*, as well as the majority of top ten ranked journals from all engineering disciplines.

Relevant top-ranked titles include:

- *Administration and Policy in Mental Health*
- *Health Affairs*
- *Health Policy and Planning*
- *Milbank Quarterly*
- *Epidemiologic Reviews*
- *Environmental Health Perspectives*
- *Epidemiology*

In addition to journal subscriptions, the UM Libraries subscribe to the following significant databases, that will support the department by providing access to the previously mentioned journals as well as other relevant resources:

- *Academic Search Premier (EBSCO)*
- *Congressional Publications (ProQuest)*
- *EMBASE*
- *Health Reference Policy Center (EBSCO)*
- *LexisNexis Academic*
- *National Journal Policy Database*
- *POPLINE*
- *Public Health (ProQuest)*
- *PubMed*

At this time, the UM Libraries' purchasing preference is for electronic materials (i.e. those that can be accessed online), a trend that will serve to enhance research and teaching experience. This is especially relevant to the collaboration initiatives, where online flexibility is presented with no reduction in educational and research quality. The UM Libraries purchasing and access priorities are in line with this goal.

### **Interlibrary Loan & Article Express**

With the admission of the University of Maryland into the Committee for Institutional Cooperation (CIC), the academic arm of the Big Ten, our faculty and students are able to take advantage of a number of new materials access options in the coming years. The Libraries joined the CIC UBorrow<sup>1</sup> program, which allows rapid access to the collections of other CIC member libraries.

When resources are not part of our holdings within the sixteen University System of Maryland and Affiliated Institutions (USMAI) libraries, the Interlibrary Loan unit can obtain materials from other libraries at no charge to the student or faculty. Most recent journal articles can be provided through electronic delivery, allowing students and faculty to make the most flexible use of their time.

Additionally, through the auspices of the Interlibrary Loan unit, graduate students and faculty can make use of Article Express, an electronic document delivery service for in-house materials. Article Express allows graduate students and faculty to place requests for book chapters and journal and/or conference papers that are available in print in the Libraries, and have them scanned and delivered electronically within three business days. This service is also free of charge.

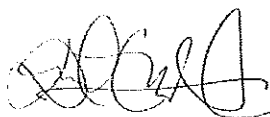
### **Conclusions**

At the present time, UM Libraries holdings are adequate to support the proposed two areas of concentrations, and current purchasing preferences and trends are especially beneficial for collaborative projects and programs. While it is anticipated that this will continue, the Libraries collections are vulnerable to budget and market fluctuations. Journal collections and other continuing resources remain particularly vulnerable. The level of future support is thus dependent upon ongoing funding and other circumstances affecting continuing subscriptions.

### **Statement from Associate Dean, Collection Strategies and Services**

Nedelina Tchangalova, Physical Sciences and Public Health Librarian, has prepared this report according to standard practices for collection assessment in research libraries. I have reviewed Ms. Tchangalova's report and I concur with her findings.

Daniel C. Mack



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<sup>1</sup> <http://www.cic.net/projects/library/reciprocal-borrowing/uborrow>