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MEMORANDUM

To: Donna E. Shalala, President

From: Richard L. Williamson
Chair, Faculty Senate

Date: April 21, 2011 (revised April 29, 2011)

Subject: Faculty Senate Legislation #2010-15(B) – Establish a new Degree, Bachelor of Science in Public Health (BSPH), in the School of Nursing and Health Studies.

On April 20, 2011, the Senate voted to establish the Bachelor of Science in Public Health (BSPH) in the School of Nursing and Health Studies. This degree is established in response to the student demand as shown through the increased enrollment in core and elective courses in the minor in public health and favorable course and faculty evaluations (established through Legislation #2009-22(B)). The degree is also responding to both local and national demand for graduates in this field.

This legislation is now forwarded to you for your action.

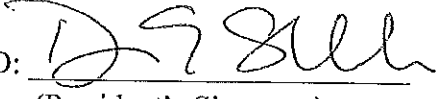
RW/rh

Enclosure (proposal)

cc: Thomas LeBlanc, Executive Vice President and Provost
Nilda Peragallo, Dean, School of Nursing and Health Studies

CAPSULE: Faculty Senate Legislation #2010-15(B) – Establish a new Degree, Bachelor of Science in Public Health (BSPH), in the School of Nursing and Public Health *

PRESIDENT'S RESPONSE

APPROVED:  DATE: 4/21/11
(President's Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: DEAN PERAGALLO

EFFECTIVE DATE OF LEGISLATION: IMMEDIATELY
(if other than June 1 next following)

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____

*Amended to read "School of Nursing and Health Studies"

ESTABLISHING A NEW BACHELOR DEGREE IN THE SCIENCE OF PUBLIC HEALTH (BSPH)

University of Miami School of Nursing & Health Studies

I. EXECUTIVE SUMMARY

Background

In the Spring of 2010 the School of Nursing and Health Studies received approval to establish a minor in Public Health. The minor was launched during the Fall of 2010, when students enrolled in introductory Public Health and Epidemiology courses. Since then, enrollment for these core and elective courses for the minor in public health has increased. There are currently 20 students that have declared a minor in public health. Course and faculty evaluations have been very favorable. A diverse group of students are potentially interested in public health, arriving from every possible academic major.

Market Analysis/Demand

In addition to student demand, the proposed degree program in public health (Bachelor of Science in Public Health, or BSPH) responds to national demand for a well-trained public health workforce to tackle the 21st century's most pressing health concerns, such as HIV/AIDS, obesity-related conditions, terrorism, and reemerging infectious diseases. In fact, the 2003 Institute of Medicine's report on public health professional education recommends that "all undergraduates should have access to education in public health." The report adds that teaching public health at the undergraduate level exposes students to potential careers in public health and as a result has the possibility to increase the cultural diversity of the workforce (IOM, 2003). The Association of Schools of Public Health estimates that by 2020 the U.S. will need 250,000 additional public health workers at all levels of government. Baccalaureate prepared public health students have the potential to off-set this workforce shortage (as cited in Arnold 2010). According to a commentary published in the *American Journal of Public Health*, schools are barely keeping up with increasing student demand for public health programs (Arnold & Schneider, 2010). There is currently only one school in Florida that is offering an undergraduate degree in Public Health, the University of South Florida School of Public Health (BS in Public Health) (see Appendix D for full listing of undergraduate programs of public health in the U.S.).

Course Work

The public health undergraduate degree planning committee designed the coursework for the proposed BSPH based on recommendations made by the Association for Prevention Teaching and Research (2008) for undergraduate coursework in Public Health. The association recommended that introductory public health, epidemiology and global health be the core courses in undergraduate degree programs in public health. Because there is no additional recommendation regarding what other courses should be included as the core course for an undergraduate degree program in public health, the committee looked at the required competency areas for the newly created certification in public health, the CPH (Certified in Public Health), an exam that graduate students in public health are eligible to take. Given that the CPH exam evaluates competencies in Epidemiology, Biostatistics, Social and Behavioral Sciences, Environmental Health Sciences and Health Policy/Management (National Board of Public Health Examiners, 2011), the committee designed pre-requisites and coursework that would introduce students to important content and skills in these areas. A description of the pre-requirements, required courses, and a list of electives that students can take is listed below. Students will be required to complete 30 credits of public health coursework. This includes 7 required courses and 3 elective courses. The plan of study and the syllabi for the courses listed below have all been approved by the SONHS Curriculum Committee and School Council.

Prerequisites

Introduction to Statistics
Biology with lab
Anatomy with lab
General Psychology
6 credits in Foreign Languages

Required courses (need: 7x3=21 credits)

Introductory Epidemiology
Introduction to Public Health
Global Health
Health and Environment
Health Promotion and Disease Prevention
Health Policy
Field Experience

Approved Public Health Electives (need: 3x3=9 credits)

Physical Activity & Health (School of Education)
International Health (Chile, Spain, etc.)
Contemporary Health Issues of South Florida
Health Disparities
Nutrition for Health Professionals
Global Nutrition
Human Sexuality
Growth and Development
Health Management (School of Business)
Bioethics

* Permission to take other courses may be granted upon request

Resources

Faculty. The SONHS currently has four professors and two instructors with graduate specialty training in public health (i.e., DrPH, PhD, MPH). Additionally, SONHS faculty have advanced training in a variety of public health related disciplines, such as nursing, psychology, medicine, nutrition, education, and administration. Accordingly, faculty research focuses on a range of health issues that cut across disciplines, and enhances knowledge, improves population health, and impacts health systems and health policy. Research expertise at the school ranges from Health Disparities and Minority Health, HIV/AIDS and Infectious Diseases, Family and Maternal/Neonatal Health, to community-engaged methodologies with a special emphasis on addressing vulnerable populations in South Florida, the Caribbean, and Central and Latin America.

Collaborations. Over the years SONHS has cultivated local and global public health collaborations that well-position the School to offer a degree program in public health. SONHS is home to the Center of Excellence for Health Disparities Research (El Centro) and the World Health Organization Collaborating Centre for Nursing Human Resources Development and Patient Safety. These centers provide exceptional opportunities for faculty and students to conduct research and participate in global partnerships related to public health and health disparities among vulnerable populations. Additionally, the SONHS has established strong ties and has active contact with governmental and community-based organizations such as the Miami-Dade County Health Department, *MUJER*, and the Coordinated Victim Assistance Center to provide field placements for public health students. SONHS also enjoys a close working

relationship with the Miller School of Medicine's Department of Epidemiology and Public Health, with whom they have worked closely in developing this proposed degree program.

Library. The University of Miami Libraries provide a strong and growing collection of materials in print and electronic formats to support a BSPH program. Since the literature of public health is broad and draws from many disciplines currently supported by the Libraries— nursing and medicine, biology and chemistry, international studies and foreign languages, business, psychology, epidemiology, and ecosystem science and policy, to name a few— the Libraries are well-prepared to support a BSPH with minor cost adjustment. For example, the Libraries provide online access to 100% of the top 20 journals in the Public, Environmental & Occupational Health category as most recently ranked by Journal Citation Reports (ISI Web of Knowledge).

Budget

We are currently looking for 2 additional full-time faculty with graduate preparation in public health and an administrative assistant (50% effort) to fill the future demand of the additional coursework and coordination that will result from the implementation of this program

Dean Peragallo has agreed to pay for this additional cost within the SONHS operating budget.

II. MISSION & GOALS

Mission

The primary mission of the faculty of the BSPH degree program is to develop competencies in public health among undergraduate students, equip undergraduate students for entry-level public health positions, and develop a pipeline of undergraduate students who will pursue graduate studies in public health and related disciplines. Students will be exposed to major public health issues locally, nationally and globally and trained to address these using a public health approach. The curriculum is designed to introduce students to the core areas of public health— including epidemiology, environmental health, social and behavioral health, global health, and health policy— and to prepare students to serve and engage communities through evidence-based and culturally competent population-focused care.

BSPH Program Objectives

Students who successfully complete the BSPH will be able to:

1. Apply knowledge from multiple disciplines to define and describe public health problems locally and globally.
2. Use principles of epidemiology to describe health and alterations in health.
3. Interpret quantitative and qualitative research findings in the medical, nursing, public health, and social science literature.
4. Examine the principal determinants of health problems facing the world's populations within social, economic, and political contexts.
5. Identify biological, behavioral, and social principles of health promotion and disease prevention across the life span.
6. Discuss the impact of the physical and social environment on health.
7. Describe the interactions between biological, psychological, environmental, and cultural factors influencing public health and disease prevention strategies.
8. Examine health care policy, finance, and regulatory environments with attention to health care disparities.
9. Demonstrate awareness of local health problems, determinants, and interventions in South Florida, with attention to vulnerable populations.
10. Communicate public health problems, determinants, and evidence-based interventions.

III. MARKET ANALYSIS/DEMAND

The Bachelor of Science degree in Public Health, or BSPH, is proposed in response to: 1) national demand for undergraduate preparation in public health; 2) increasing UM student demand for courses in public health; 3) existing interdisciplinary expertise at the School of Nursing and Health Studies (SONHS) related to public health; 4) unique cultural and social make-up of Southern Florida which lends itself to the applied study of public health; and, 5) existing collaborations both within the UM community as well as with local and global public health serving organizations.

There is high national demand for undergraduate education in public health

There is a skyrocketing demand for a well-trained public health workforce to tackle the 21st century's most pressing health concerns, such as HIV/AIDS, obesity-related conditions, terrorism, and reemerging infectious diseases. In order to effectively meet these challenges, professionals must be well-equipped to address multiple health challenges at once through disease prevention and health promotion frameworks. Baccalaureate education in public health will well-position students to meet these challenges head-on, both by entering the workforce immediately after college and/or by seeking advanced graduate training in public health and allied health fields. The 2003 Institute of Medicine's report on public health professional education recommends that "all undergraduates should have access to education in public health." The report adds that teaching public health at the undergraduate level exposes students to potential careers in public health and as a result has the possibility to increase the cultural diversity of the workforce (IOM, 2003). Other national organizations— including the Association for Prevention Teaching and Research, the Council of Colleges of Arts and Sciences, and the Association of American Colleges and Universities (AAC&U)— have taken these recommendations a step further by advocating for undergraduate public health programs within the liberal arts setting. The Educated Citizen and Public Health (ECPH) initiative is "premised on the idea that an understanding of public health issues is a critical component of good citizenship" (Hovland et al., 2009).

The Association of Schools of Public Health estimates that by 2020 the U.S. will need 250,000 additional public health workers at all levels of government; moreover, baccalaureate prepared public health students have the potential to off-set this workforce shortage (as cited in Arnold 2010). According to a commentary published in the *American Journal of Public Health*, schools are barely keeping up with increasing student demand for public health programs. A diverse group of students are potentially interested in public health, arriving from every possible academic major. Arnold (2010) categorizes the types of students that might be interested in public health work to include "pre-health" students (e.g. pre-med, pre-nursing, etc.), "future public health workers", "undecided students", and "idealists" (Arnold, 2010). Nationally, popular areas of focus include global health, infectious disease, environmental health and policy. As testament to these trends, it is estimated that 16% (n=137) of the AAC&U colleges offered undergraduate public health programs (majors, minors, and concentrations) as of 2008 (Hovland et al., 2009).

The demand of UM undergraduate students for public health coursework is strong

The Bachelor of Science degree in Health Studies (BSHS) has been housed at SONHS since 2004 and is aimed at students interested in undergraduate training to prepare them for a range of health-related fields. Many BSHS students go on to pursue advanced clinical training in health fields such as nursing, medicine and physical therapy. Interest in health studies has increased rapidly; the applicant pool more than doubled from Fall 2008 (N=300 applicants) to Fall 2010 (N=810 applicants). We expect that interest in the proposed BSPH program will follow a similar trajectory.

Only in its second semester as an approved minor, the UM SONHS Public Health Minor is rapidly gaining popularity. Since September 2010, 21 students declared minors in Public Health. These students are concurrently working on undergraduate majors in a wide array of disciplines, including nursing, communications, English, psychology, and biology. The first year of public health courses have been well-enrolled, particularly given that the Public Health minor was not approved in time to appear in the Spring 2010 bulletin. Academic Advising units were sent information about the minor program and students also learned of the minor through word of mouth and information sessions. Fall 2010's enrollment included Introduction to Public Health (N=24) and Introduction to Epidemiology (N=14). Spring 2011's enrollment includes Introduction to Epidemiology (N=28), Health and the Environment (N=17) and Global Health (N=15).

There is a wealth of existing interdisciplinary expertise at the UM related to public health

SONHS faculty have advanced training in a variety of disciplines, including public health, nursing, psychology, medicine, nutrition, education, policy and administration. Accordingly, their research focuses on a range of public health issues that cut across disciplines, enhances knowledge, improves population health, and impacts health systems and health policy. Research expertise at the school ranges from Health Disparities and Minority Health, HIV/AIDS and Infectious Diseases, Family and Maternal/Neonatal Health, to Patient Safety. The vast majority of this research aims to improve community-based health outcomes and address the special needs of vulnerable populations in South Florida, the Caribbean and Latin America.

From the classroom to the clinical laboratory to the community, faculty members at SONHS are committed to quality education, research, and outreach programs that improve population health through evidence-based practice. Over half of the school's faculty hold joint appointments or are engaged in collaborative, federally funded research with other schools and colleges at the UM, including the Leonard M. Miller School of Medicine. Our current faculty has the expertise necessary to provide BSPH students with comprehensive, current and community-focused public health education.

Southern Miami's unique features make it a fascinating and important "social laboratory" in which to study public health

Miami is a large, vibrant and diverse multi-ethnic community with a unique history and unique health needs. For example, 67.9% of its population speaks a language other than English at home, compared to 17.9% nationally (U.S. Census Bureau, 2009). Poverty rates are also higher in Miami compared to national rates, leading to a disproportionate burden of mortality and morbidity. Geographically located in close proximity to the Caribbean and other countries in Latin America, Southern Florida has experienced waves of immigration and migration that influence its health profile in profound ways. Racial and ethnic minority groups in Southern Florida are disproportionately affected by diseases such as HIV/AIDS, substance abuse and domestic violence. Our public health program will encourage students to engage with health issues of their local community. Students will have the opportunity to take a seminar focused specifically on Southern Florida contemporary health issues and intervention strategies. Furthermore, an advanced level Field Experience course will expose students to local public health practice via placement at a local public health agency. Students will also have the opportunity to enroll in "minimester" international experiences— currently developed for SONHS students— to Chile, Spain and Mexico. By engaging with "real world" health issues in their own backyard and abroad, students will appreciate what it means to be responsible global citizens.

SONHS has a myriad of existing collaborations in order to provide students with applied public health experiences

Over the years SONHS has cultivated local and global public health collaborations that well-position the School to offer a degree program in public health. SONHS is home to the Center of Excellence for Health Disparities Research (El Centro) and the World Health Organization Collaborating Centre for Nursing Human Resources Development and Patient Safety. These centers provide exceptional opportunities for faculty and students to conduct research and participate in global partnerships related to public health and health disparities among vulnerable populations.

SONHS enjoys a close working relationship with the School of Medicine. In particular, its Department of Epidemiology and Public Health is extremely supportive and enthusiastic about the proposed degree program. If the BSPH is approved, steps will be taken to propose a joint 5-year BSPH/MPH program between the two Schools. In addition to collaborations within UM, SONHS has contractual relationships with over 100 governmental and non-governmental agencies throughout Southern Florida that will serve as student field placement sites for the program's culminating Field Experience course.

IV. LIBRARY COLLECTION

The University of Miami Libraries provides a strong and growing collection of materials in print and electronic formats to support a BSPH. Since the literature of public health is broad and draws from many different disciplines currently supported by the Libraries – nursing and medicine, biology and chemistry, international studies and foreign languages, business, psychology, epidemiology, and ecosystem science and policy, to name a few – the Libraries are well-prepared to support a BSPH with minor cost adjustment.

To address public health journal literature specifically, the Libraries provide online access to 100% of the top 20 journals in the Public, Environmental & Occupational Health category as most recently ranked by Journal Citation Reports (ISI Web of Knowledge).

In addition, the University of Miami Libraries provide online access to 100% of the Essential Core and Research Level Core (64 journals) of public health journals identified by the Public Health/Health Administration section of the Medical Library Association during their Core Public Health Journal Project V 2.0

<<http://info.med.yale.edu/eph/phlibrary/phjournals/v2/key/index.html>>.

The three major indexers of public health journal literature, Medline (PubMed), Social Science Citation Index and CINAHL, are accessible to faculty and students through the Libraries' purchase of these online resources.

Like the Libraries' journal collection, our monograph collection (both print and online) supporting public health and related disciplines is strong and will grow with selective focus. Finally, the Libraries will be looking beyond journals and monographs to supplement a collection of existing digital materials in public health and related disciplines, especially the epidemiological aspects of public health.

In addition to the Libraries' collection building, the Richter Library participates in support of public health, currently a minor in public health, through the services of the nursing and health studies librarian (Suzanne Stemler) who works with faculty to advance student learning competencies by providing targeted in-class library information sessions and one-to-one student consultations.

The practice of public health requires knowledge not only of the general public health literature but also of significant developments published in discipline-related resources. The Libraries are committed to supporting faculty and students in developing an excellent BSPH program.

V. DETAILED BUDGET

Redacted

VI. REFERENCES

Arnold, LD and Schneider, D. (August 2010). Advising the newest faces of public health: A perspective on the undergraduate student. *American Journal of Public Health*, 100 (8): 1374-1380.

Committee on Educating Public Health Professionals for the 21st Century. Gebbie, KM, Rosenstock, L, and Hernandez, LM. (Eds.). (2003). *Who Will Keep the Public Healthy?: Educating Public Health Professionals for the 21st Century*. Washington, DC, USA: National Academies Press, 2003. Accessed on March 8, 2011 from:
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Hovland, K, Kirkwood, BA, Ward, C, Osterweis, M, Silver, GA. (2009). Liberal education and public health: surveying the landscape. *Peer Review*, 5-8. Accessed on March 8, 2011:
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Council of Colleges of Arts and Sciences, Association of Schools of Public Health & Association for Prevention Teaching and Research (2008). "Report and Recommendations from the Working Group on Public Health 101" (2008). Accessed on 3/17/11:
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MEMORANDUM

To: Richard L. Williamson, Jr.
Professor of Law
Chair, General Welfare Committee

From: Dean Peragallo
Dean and Professor

Date: March 14, 2011

Subject: School of Nursing and Health Studies establishing a new degree: Bachelor of Science in Public Health (BSPH)

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The School of Nursing and Health Studies (SONHS) is proposing a new Bachelor of Science in Public Health (BSPH). To fulfill the BSPH, students will complete 21 credits in core courses which include Introduction to Public Health, Introductory Epidemiology, Health & Environment, Global Health, Health Promotion and Disease Prevention, Health Policy, and Field Experience in Community Health. Students will also be required to complete 9 elective credits in public health courses for a total of 30 credits of required and elective courses combined. These electives may be selected from course offerings in other departments such as the Health Sector Management and Policy program in the School of Business Administration.

Baccalaureate education in public health provides the foundation for entry level positions in public health, specialty training in public health for health professional (e.g., nurses, pre-med students), and encourages students to pursue graduate degrees in public health. The BSPH degree is being proposed in cooperation with the faculty of UM Miller School's Department of Epidemiology and Public Health, with whom we have been meeting regularly to design the course of study. We have discussed our plans with the chair, Dr. Jose Szapocznik, and his letter of support is attached. In addition, Dr. Steve Ullmann has agreed to open courses from the Health Sector Management and Policy major in the School of Business Administration to the BSPH students that may serve as electives towards the degree. A letter of support from Dr. Ullmann is also attached. If the BSPH is successful, future plans include the creation of a BSPH to Masters in Public Health (MPH), 4 to 1 program, and a Masters in Nursing/Masters in Public Health (MSN/MPH) dual degree program. We will seek the guidance of the Faculty Senate prior to embarking on any new programs.

The BSPH plan of study and the new courses that have been developed were approved by the SONHS's Curriculum Committee and School Council. The new courses will be taught by existing faculty. In addition, the SONHS has 2 full time faculty positions open for faculty with expertise in public health to assist in teaching public health courses and oversee the development, implementation and evaluation of this new program.

VII. APENDIX

- A. BSPH Program Plan of Study
- B. Program Evaluation
- C. Letters of Support
 - a. Dr. Jose Szapocznik, Chair, Department of Epidemiology & Public Health, Miller School of Medicine
 - b. Dr. Linda Neider, Vice Dean, Internal University Relations, Global Initiatives/Cross-Disciplinary Programs, and Undergraduate Business; Professor, Department of Management
 - c. Dr. Lillian Rivera, Administrator, Miami-Dade County Department of Public Health
- D. Undergraduate Public Health Programs in the U.S.

A. BSPH Program of Study

Freshman Year-Fall Semester	Cred.	Freshman Year-Spring Semester	Cred.
ENG 105	3	HCS 202 Intro to Statistics	3
BIO 150 with Lab (Biology)	5	ENG 106	3
Arts & Humanities	3	Arts and Humanities	3
Math 101	3	HCS 212/213 (Anatomy)	4
		Foreign Language	3
Total	14		16
Sophomore year- Fall Semester			
Sophomore year- Fall Semester	Cred.	Sophomore Year- Spring Semester	Cred.
HCS 206 Intro to Public Health	3	HCS 208 Intro to Epidemiology	3
CHM 103/105 Chemistry for Life Sciences	4	HCS 309 Health and Environment	3
Arts and Humanities	3	Arts and Humanities	3
PSY 110 (General Psychology)	3	Foreign Language	3
Elective	3	Elective	3
Total	16		15
Junior Year- Fall Semester			
Junior Year- Fall Semester	Cred.	Junior Year-Spring Semester	Cred.
HCS 3XX Health Promotion/Disease Prevention	3	HCS 310 Global Health	3
People & Society	3	POL 536 US Health Care Crisis or HCS 3XX Health Policy	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Total	15		15

Senior Year- Fall Semester	Cred.	Senior Year Spring Semester	Cred.
Public Health Elective	3	HCS 4XX Field Experience	3
Public Health Elective	3	Public Health Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Total	15		15
		Total credits	121
		Total PH credits	30

Required (specified) courses (in bold) (need: 7x3=21 credits)

- Intro Epidemiology
- Intro Public Health
- Global Health
- Health and Environment
- Health Promotion and Disease Prevention
- Health Policy
- Field Experience

Approved Public Health Electives (need: 3x3=9 credits total)

- Physical activity & health (School of Education)
 - International Health (Chile, Spain, etc.)
 - Contemporary Health Issues of South Florida
 - Health disparities
 - Nutrition for health professionals
 - Global nutrition
 - Human sexuality
 - Growth and development
 - Health Management (School of Business)
 - Bioethics
- * Permission to take other courses may be granted upon request

Key:

General Requirements

BSPH Pre-Requirements (Anatomy, Biology, Psychology, 2 Language)

BSPH Requirements (Bold)

B. Program Evaluation

The evaluation for the BSPH was integrated with the SONHS's general program evaluation plan. An evaluation was added to allow for the assessment of the pipeline.

Item to be Evaluated	Evaluation Frequency	Task of	Reports to (Whom)	Methods of Evaluation	Resolutions and Recommendations
<i>Program Outcomes</i> Patterns of Employment	Annually	Associate Dean for Student Affairs Public Health Leadership Team for BSPH (until we have a director)	Dean Associate Dean, Academic Programs, Faculty School Council	Telephone Survey Mail Survey	Monitor : Patterns of employment analyzed • Employment rate of >90% • Pattern: BSN—Diversity of clinical practice: MSN—Employment in area of specialization. PhD—Employment in research, education, or administration.
Program Satisfaction	Annually	Dean Associate Deans Faculty Public Health Leadership	Faculty School Council	Program Self-Assess. Tool (EBD) Employer Survey Planning and instructional resource analysis of graduating seniors	Monitor and revise procedures to ensure: Program Satisfaction Planning and instructional resource analysis of graduating seniors.

					<ul style="list-style-type: none"> • >3 on 5 items in Tool measuring satisfaction EBI • Majority of positive responses
Attainment of Credentials (nursing programs)	Ongoing	Faculty Coordinators	Faculty School Council	Graduates self-report NCLEX results Graduation rates Attrition rates Completion rates MSN Certification NCLEX results	Continual monitoring of: Attainment of credentials against national results for Attrition rates Completion rates MSN Certification NCLEX results
Diverse Health Professions Pipeline	Annually	Associate Dean for Student Affairs	Faculty School Council	Graduates self-report entrance into graduate school	<ul style="list-style-type: none"> • At least 10% of graduates matriculate into masters or doctoral program within 5 years* • At least 20% of graduates matriculate into masters or doctoral program within 10 years* • At least 25% of graduates entering masters or doctoral programs are from racial and ethnic minority groups** *Nationally approximately 20% of BSN nurses continue to graduate education (Aiken, 2009) **Nationally only 16.8% of RNs are from racial/ethnic minority groups.



UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE

José Szapocznik, Ph.D.
Chair

March 22, 2011

Nilda Peragallo, Dr.PH, RN, FAAN
Dean and Professor
University of Miami
School of Nursing and Health Studies
5030 Brunson Drive, Suite 210
Coral Gables, FL 33146

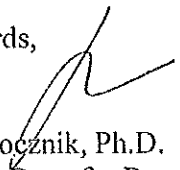
Dear Nena,

I am pleased to support your plans to establish a Bachelor's in Public Health under the School of Nursing and Health Studies. Exposing undergraduates to public health-related courses will serve to increase interest in pursuing careers in Public Health. This will also help encourage students to pursue graduate work in public health and will serve as a feeder for our population science graduate programs at UM Miller School of Medicine.

The development of the Bachelors in Public Health has been a collaborative effort between the School of Nursing and Health Studies and the Department of Epidemiology and Public Health and will serve as a springboard for our graduate programs in public health. I look forward to a continued collaboration with you and your team. Together we will further our students' educational goals, and prepare students for careers in Public Health.

We are very excited about the prospects of the undergraduate program and the expected outcome for a more competent workforce.

Best regards,



José Szapocznik, Ph.D.
Executive Dean for Research & Research Training
Chair, Department of Epidemiology and Public Health

UNIVERSITY OF MIAMI
SCHOOL of BUSINESS
ADMINISTRATION



Undergraduate Business Programs

P.O. Box 248131
Coral Gables, FL 33124-2010

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lneider@miami.edu

Linda L. Neider, Ph.D.
Vice Dean, Internal University Relations,
Global Initiatives/Cross-Disciplinary Programs,
and Undergraduate Business
Professor, Department of Management

March 28, 2011

Nilda Peragallo, Dr PH, RN, FAAN
Dean and Professor
University of Miami
School of Nursing and Health Studies
5030 Brunson Drive, Suite 210
Coral Gables, FL 33146

Dear Nena,

I am pleased to support your plans to establish a Bachelor's in the Science of Public Health (BSPH) under the School of Nursing and Health Studies. Exposing undergraduates to public health-related courses will serve to increase interest in pursuing graduate studies in this important and growing field. It will also provide a formalized training program for individuals interested in working in entry level public health and research positions, career trajectories which have traditionally had little educational opportunities for students whom are not interested in continuing onto graduate studies.

Our school will be pleased to offer access to the Business School courses for BSPH students looking to fill public health elective requirements.

We are very excited about the proposed BSPH program and continuing to partner with the School of Nursing & Health Studies in preparing students to meet the health and healthcare challenges of the 21st century.

We truly look forward to working with you.

Sincerely,

A handwritten signature in cursive script, appearing to read 'L. Neider'.

Linda L. Neider, Ph.D.
Vice Dean, Internal University Relations, Global Initiatives/Cross-Disciplinary Programs,
and Undergraduate Business
Professor, Department of Management



Rick Scott
Governor

Lillian Rivera, RN, MSN, PhD
Administrator

March 21, 2011

Nilda Peragallo, DrPH, RN, FAAN
Dean and Professor
University of Miami
School of Nursing and Health Studies
5030 Brunson Drive, Suite 210
Coral Gables, FL 33146

MAR 21 2011

Dear Dr. Peragallo:

I am pleased to support your plans to establish a Bachelor's level degree in the Science of Public Health (BSPH) under the School of Nursing and Health Studies. Exposing undergraduates to public health-related courses will respond to an urgent need to draw from a workforce that has more formal public health training. For example, at the Miami-Dade County Health Department entry level positions in public health preparedness, data management, health education, and the delivery of fundamental public health services would definitely be more ably filled by someone with a BSPH.

We look forward to collaborating with the University Of Miami School Of Nursing and Health Studies to identify field experiences for the University of Miami undergraduate public health students and have them contribute to the mission of the Miami-Dade County Department of Health "to promote and protect the health of our community through prevention and preparedness today for a healthier tomorrow."

We are very excited about the prospects of the program and the expected outcome for a more competent workforce.

Sincerely,

A handwritten signature in cursive script that reads "Lillian Rivera".

Lillian Rivera, RN, MSN, PhD
Miami-Dade County Health Department
Administrator



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D. Undergraduate Public Health Programs in the US

Accredited Undergraduate Programs in Public Health

Summary: There are currently no accreditation standards for undergraduate public health programs. Schools that are requesting accreditation from the Council on Education for Public Health (CePH) for their graduate programs (e.g., MPH) can request for the council to review the undergraduate programs in public health and include these in the accreditation process. There are only 11 schools that have accredited undergraduate public health programs because the vast majority of schools (e.g., Johns Hopkins University, #1 ranking school of public health) do not choose to include the undergraduate programs in their accreditation process. There are no accredited undergraduate public health programs in Florida.

Institution	Degree	Concentration
East Tennessee State University	BS	Public Health: Community Health
George Washington University	BS	Public Health
Temple University	BSPH	Public Health
Tulane University	BSPH	Public Health
University at Albany - SUNY	BS	Public Health
University of California, Berkeley	BA	Public Health
University of Maryland at College Park	BS	Public Health Sciences
University of Massachusetts Amherst	BS	Public Health
University of North Carolina at Charlotte	BSPH	Generalist
University of South Carolina	BA	Public Health
University of South Carolina	BS	Public Health

Source:

Association of Schools of Public Health (ASPH)

<http://www.asph.org/document.cfm?page=1106>

Non-Accredited Undergraduate Programs of Public Health

Summary: There is only 1 university in Florida, University of South Florida College of Public Health, offering an undergraduate degree program in Public Health, which also offers 7 Fast Track bachelor's to master's options. The University of Florida offers a BS-MPH fast track option, where students complete a minor in Public Health and then finish their MPH one semester early. However, they do not offer a degree in public health.

Institution	Degree	Concentration
East Tennessee State University College of Public Health	BSPH	Public Health: Health Care Administration
East Tennessee State University College of Public Health	BSPH	Public Health: Community Health
Johns Hopkins Undergraduate Program in Public Health Studies	BA	Public Health Studies
Loma Linda University	BSPH	Health Care Administration; Health Care Geographics and Biomedical and Data Management;
Rutgers University / Edward J. Bloustein School of Planning and Public Policy	BS	Public Health
Saint Louis University School of Public Health	BS	Public Health
San Diego State University, Undergraduate Division of the Graduate School of Public Health	BS	Public Health
University of Arizona Mel and Enid Zuckerman College of Public Health	BSPH	Public Health
University of South Carolina Arnold School of Public Health	BA	Public Health
University of South Carolina Arnold School of Public Health	BS	Public Health
University of South Florida College of Public Health*	BS	Public Health
University of Washington School of Public Health	BA	Major in Public Health
University of Washington School of Public Health	BS	Major in Public Health
<i>*Located in South Florida</i>		

Sources:

1. Association of Schools of Public Health Education Survey 2008,
<http://www.asph.org/document.cfm?page=978>
2. The Columbia Spectator, <http://www.columbiaspectator.com/2010/10/20/mailman-may-offer-undergrad-health-concentration>
3. Johns Hopkins University, <http://krieger.jhu.edu/publichealth/>
4. Loma Linda University, <http://www.llu.edu/pages/documents/2010-11universitycatalog.pdf>
5. Rutgers University, http://catalogs.rutgers.edu/generated/ejbppp_current/pg148.html
5. San Diego State University, Graduate School of Public Health,
<http://publichealth.sdsu.edu/divisionsundergrad.php>
6. University of Medicine & Dentistry of New Jersey, School of Public Health,
<http://sph.umdnj.edu/cip.cfm>
7. University of Florida, Public Health Programs, <http://www.mph.ufl.edu/faqs.htm>