Required Courses for the M.P.H. Degree in Health Management

HPA 510a Health Policy and Health Systems (core requirement)3

HPA 518a Practice Seminar in Health Management 1

HPA 560b Issues in Financing and Reimbursement 2

HPA 561b Integrative Seminar in Health Services Management 2

HPA 583b Methods in Health Services Research 2

HPA 586b Microeconomics for Health Care Professionals 2

\*MGT 550a Marketing Management 2

\*MGT 571b Operations Management I 2

\*MGT 815b Managerial Controls I 1.5

\*MGT 870a Financial Accounting 1.5

\*MGT 885a Foundations of Teams 1.5

\*MGT 886b Designing and Managing Organizations 1.5

\*MGT 890a Valuation and Investment 1.5

## 2.2.5 外国人学生

米国の大学は、普通、外国人学生に対して、出願書類の一部として TOEFL (Test of English as Foreign Language)と財政証明書(銀行口座の残高証明書など)を要求する。衛生学・公衆衛生学関連の卒後教育プログラムも同様に、これらの書類の提出を求めている。

TOEFL については、入学に必要な基準点を設けている大学としていない大学がある。たとえば、Florida International University や University of Hawaii at Manoa は 550 (paper-based test) または 213 (computer-based test)、Harvard University や Johns Hopkins University は 600 (paper-based test) または 250 (computer-based test) を基準点としている。一般的に、基準点に満たずに合格した生徒は、入学後に大学付属の語学学校に通い基準点をクリアすることが義務付けられる。

財政証明書の提出義務の理由は、米国の大学では米国市民と米国永住者のみに出願資格が与えられる奨学金が多いこと、さらに、米国市民と米国永住者のみがローンを利用できることから、外国人学生は自費で授業料・生活費を支払うことが前提となっているためである。米国では、外国人学生の学外での労働は許可されていない。

外国人学生の割合は、大学ごとに差がある。たとえば、University of California Los Angeles は約5%、Yale University は約15%、Harvard University と Johns Hopkins University は約25%である。一般的には、人気の高い州立大学は州在住者を優先的に受け入れるので、外国人学生の割合が少なくなる傾向がある。

# 2.2.6 学生の卒業後の進路

学生の卒業後の主な進路は、政府・州・地方自治体などの公共機関の保健・公衆衛生学関

連部門、NGO、病院、長期療養施設、大学、製薬会社、保険会社、環境コンサルタント会社、 シンクタンク、国際機関、NPOなどである。

職種としては、行政官、管理職、プログラムプランナー、コーディネーター、コンサルタント、アナリスト、臨床専門家、研究者などが多い。卒後教育を受けた結果、卒業生の多くは入学以前と異なる職種に就く。たとえば、看護婦から疫学専門家、セラピストからマネージャー、医療技術者から環境コンサルタント、研究室アシスタントから研究者へというように職をアップグレードしている。

また、ASPH は、卒業後1年以内の専攻別給料について、Health Services Administration/Health Policy and Management が\$37,030-\$161,400、Environmental Health Sciences が\$44,550-\$143,700、Epidemiology が\$38,175-\$136,237、International Health が\$31,500-86,625、Biostatisticsが\$33,000-\$63,000と報告している。

# 2.2.7 特別プログラム

調査対象機関の約半数が、衛生学・公衆衛生学関連の特別プログラムを実施していた。その主要な形態は、Master's Internationalist Program、Professional MPH Programs、Distance Learning、Residency Program、Fellowship Program、Postdoctoral Program、Continuing Education(Summer Program、Part-time Certificate Program、Short Course、Workshop)である。Johns Hopkins University のように、これ以外の形態のプログラムをいくつか実施している大学もみられるが、上記のプログラムは複数の大学によって実施されており、主要な特別プログラムの形式と考えてよいだろう。

# 2.2.7.1 Master's Internationalist Program

Master's Internationalist Program は、15~18ヶ月間の大学でのコースワークと2年間の U.S. Peace Corps での Volunteer service を組み合わせたプログラムである。U.S. Peace Corps であるため、参加者は米国人に限られる。例として、以下のようなプログラムがあげられる。

- Emory University 'Master's International Program with the U.S. Peace Corps
- Tulane University The Peace Corps Master's Internationalist Program
- University of Alabama at Birmingham 「UAB-Peace Corps Master's International Program」
- UC Berkeley [Master's Internationalist Program]

また、このMaster's Internationalist Program と似たプログラムとして、Columbia University

の「Program on Forced Migration and Health」があげられる。この MPH プログラムでは、現地実習として International Agency や NGO に 2~3 ヶ月間、参加することが義務づけられている。

# 2.2.7.2 Professional MPH Program

Professional MPH Program は、社会人を対象とした MPH プログラムである。これらのプログラムに入学するためには、 $3\sim 5$  年程度の実務経験が必要とされる。授業はオンキャンパスで週末や夏期に集中して行なわれる。例としては、以下のようなプログラムがあげられる。

- University of Alabama at Birmingham 「Professional Option Weekend MPH Program」
- UCLA 「Programs for Working Professionals」
- University of South Florida | Executive MPH Program |

# 2.2.7.3 Distance Learning (遠隔教育)

遠隔教育の主要な形式は Certificate Program と MPH Program である。この MPH Degree Program は、上記の Professional MPH Program と同様、社会人を対象としている。これらの遠隔教育プログラムでも、いくつかの単位は On-Campus の授業に出席して取得しなければならない。このような遠隔教育をつかった MPH Degree Program の例として、以下のようなプログラムがあげられる。

- Emory University [Career MPH Program]
- Johns Hopkins University 「Internet-Based MPH」
- Tulane University 「MPH in Occupational Health and Safety Management」「MPH in Occupational Health」「MSPH in Industrial Hygiene」
- University of North Carolina at Chapel Hill 「Public Health Leadership Program」
- University of Washington [Extended MPH Degree Program]

以下、例として、Emory University の「Career Master of Public Health」のカリキュラムを示す。

# Emory University M.P.H. Degree: Career Master of Public Health

#### 42 Credit hours

Students may enter the CMPH program department from a variety of professional backgrounds, but must have a minimum of five to ten years of professional experience.

The program can be completed in two and a half years through a combination of two on-campus sessions per semester, (Friday morning through Sunday afternoon) and web-based instruction via distance learning technologies.

## Core Curriculum (12 credit hours)

BIOS 503D Introduction to Biostatistics (2 credit hours)

BSHE 504D Social Behavior in Public Health(2 credit hours)

EOH 500D Perspectives in Environmental Health (2 credit hours)

EPI 504D Fundamentals of Epidemiology (2 credit hours)

HPM 501D Health Policy and Resource Allocation (2 credit hours)

HPM 502D Introduction to Health Care Management (2 credit hours)

# Career MPH Program Curriculum (30 credit hours)

BSHE 524D Community Needs Assessment (2 credit hours)

BSHE 530D Conduct of Evaluation Research (2 credit hours)

BSHE 560D Health Education Seminar (2 credit hours)

BSHE 597D Seminar in Informatics (2 credit hours)

HPM 540D Human Resource Management (2 credit hours)

HPM 561D Fundamentals of Public Health Law (2 credit hours)

IH 500D Addressing Key Issues in Global Health (2 credit hours)

IH 515D Introduction to Public Health Surveillance (2 credit hours)

BSHE 598D Special Studies Project (4 credit hours)

## **Special Studies Project**

As the Capstone of their educational experience, students will be assigned to a senior professional, based on the student's background and career objectives, to guide students through the Special Studies Project.

Three Areas of Concentration (10 credit hours)

## **Prevention Science Concentration**

BSHE 523D Integrated Communication Strategies (2 credit hours)

BSHE 531D Questionnaire Design and Analysis (2 credit hours)

BSHE 534D Research Design and Grant Preparation (2 credit hours)

BSHE 543D Prevention Effectiveness (2 credit hours)

BSHE 597 Health Education Computers (2 credit hours)

# **Management and Outcome Concentration**

HPM 510D Financial and Managerial Accounting (2 credit hours)

HPM 530D Organization Theory (2 credit hours)

HPM 550D Operations Science (2 credit hours)

HPM 560D Strategic Management (2 credit hours)

HPM 590D Health Care Marketing (2 credit hours)

#### **Health Care Outcomes Option**

HPM 5XXD Population-based Outcomes and Satisfaction Measures (2 credit hours)

HPM 5XXD Clinical Outcomes Measurement (2 credit hours)

HPM 5XXD Managing Health Care Databases (2 credit hours)

HPM 5XXD Applied Economic Methods (2 credit hours)

HPM 5XXD Evidence-based Medicine (2 credit hours)

## 2.2.7.4 Residency Program

Residency Program は、主に、Occupational Medicine と Preventive Medicine の分野で 実施されている。これから MPH を取得する者は、最初の年にコースワークに従事し、その後 実習に入る。既に MPH を取得済みの者は、コースワーク無しで実習から開始することができ

る。例としては、以下のようなプログラムがあげられる。

- Johns Hopkins University The General Preventive Medicine Residency Program」

  [Occupational and Environmental Medicine Residency Program]
- Tulane University [Preventive Medicine Residency for Physicians]
- UC Berkeley 「Residency in Public Health and General Preventive Medicine」 「Occupational Medicine Residency Programs」
- UCLA 「Preventive Medicine Residency Program」
- University of Iowa 「Occupational Medicine Residency」
- University of Medicine and Dentistry of NJ/Rutgers 「Occupational Medicine Residency Program」

## 2.2.7.5 Fellowship Program

Fellowship Program は、すでに修士以上の学位を取得している若手の専門家や研究者に対し、大学における研究機会と資金援助を与えるものである。たとえば、Harvard Universityの「The Takemi Program in International Health」では、若手研究者に10ヶ月間、大学におけるリサーチプロジェクトの場と\$45,000 を提供している。University of Michigan の「Population Fellows Programs」では、3つの Fellowship Program を運営している。そのうち、「Population Fellows Program」と「Population-Environment Fellows Programs」は、米国人の若手専門家に2年間のプロジェクト参加の機会と資金を提供する。「Compton Professional Exchange for Applied Knowledge Initiative」は、メキシコ、中米、サハラ・アフリカ出身の専門家にプロジェクト参加の機会と資金を提供する。

## 2.2.7.6 Postdoctoral Program

主な Postdoctoral Program としては、Johns Hopkins University の「Postdoctoral Fellows」が、各 Department で博士号取得者を受け入れている。また、UC Berkeley の「The Robert Wood Foundation Scholars Program」では、毎年4人の経済学、政治学、社会学分野の博士号取得者に最長2年間 Health Policy & Management に関する研究の機会を提供している。このほかにも、UCLA の「Psychiatric Epidemiology/Biometry Postdoctoral Training Program」や、University of Michigan の「Community Health Scholars Post-doctoral Program」などがある。

# 2.2.7.7 Continuing Education (生涯教育)

生涯教育の主要な形式は、社会人を対象とした Certificate Program、Short Course、Workshopである。特定のテーマを取り上げ、講義・講習を行うものが多い。

Certificate Program の場合、Summer Program と Part-time Program の2種類がある。受講者が後に MPH プログラムに入学した場合、これらのプログラムで取得した単位をトランスファーすることができる。したがって、これらのプログラムは、MPH プログラム入学準備という意味合いももっている。

Summer Program の期間は、数週間から 15 週間程度である。代表的な例として、以下のようなプログラムがあげられる。

- Boston University 「Annual Summer Certificate program: International Health」
- Columbia University 「Public Health in Complex Emergencies Training Program」
- Harvard University \( \Gamma\) Summer Program in Clinical Effectiveness \( \Gamma\) Summer Session for Public Health Studies \( \Gamma\)
- Johns Hopkins University 「Summer Institutes」
- University of Alabama at Birmingham 「Annual International Public Health Summer Institute」
- University of Iowa Summer Institutes

Part-time Program については、修了に数年の期間が与えられるプログラムもある。すなわち、学生が仕事とのバランスをとりつつ受講計画をたてることができるように、配慮されている。Johns Hopkins University は最も多様な特別プログラムを行っており、I1 のCertificate Programs (「Environmental Health」「Health and Human Rights」「Health Communication」「Health Education」「Health Finance and Management」「Humanitarian Assistance」「Injury Prevention」「Maternal and Child Health」「Occupational Health」「Risk Sciences and Public Policy」「Vaccine Sciences and Policy」)を実施している。

Short Course や Workshop は数日間~2 週間程度にわたって行われる特定のテーマに関する講習である。たとえば、Harvard University では 「Environmental and Occupational Health and Safety」をテーマとした6つの Short Course、「Executive Education in Health Care Management」をテーマとした10の Short Courseが実施されている。

# 2.3 組織間連携

# 2.3.1 他学部との連携

他学部との連携は、第一に、Joint Degree Program で行われている。主要な Joint Degree

Program は MBA、MSW、JD、MD であり、学内の Business School、School of Social Work、Law School、School of Medicine が主な連携先となっている。

第二に、他学部と連携して単一の学位プログラムを運営しているケースもある。たとえば、Boston University School of Public Health は、学内の Department of Mathematics と Division of Graduate Medical Sciences と協力して、「MA/PhD in Biostatistics Program」を運営している。また、University of Iowa の「Psychiatric Epidemiology/Biometry Postdoctoral Program」は、College of Public Health と College of Medicine Department of Psychiatry が共同運営している。

第三に、他学部と連携してセンターを運営しているケースもある。たとえば、UCLA の School of Public Health と The Anderson School of Management は、「Healthcare Collaborative」という組織を共同運営し、カリフォルニアのヘルスケア関連の職業人と組織の発展をめざしている。

第四に、他学部と連携して共同研究を行っている。たとえば、UC Berkeley の Environmental Health Sciences Division は、学内の College of Engineering と共同研究を行なっている。

# 2.3.2 行政組織との連携

行政組織との連携は、主に、U.S. Department of Health and Human Services と大学のリサーチ・センター間で行われている。たとえば、UC Berkeley の「Center for Family & Community Health」は、U.S. Department of Health and Human Services, Centers for Disease Control and Prevention (CDC) から援助を受け、国内に 24 ある Health Promotion and Disease Prevention Research Center の1つとなっている。さらに、California Department of Health Services や the Alameda Country Health Care Services Agency の協力も受けている。このような大学一政府一地域社会の連携により、サンフランシスコ地域の家族と地域社会の健康の向上をめざしている。

このほかに、University of Michigan の「Community-Based Public Health (CBPH)」、University of North Carolina の「Center for Health Promotion and Disease Prevention」、University of Washington「Seattle Partners for Healthy Communities」など23大学の研究機関が U.S. Department of Health and Human Services から資金援助を受け、CDC の Prevention Research Center となっている。

また、Yale University は WHO と連携し、「Yale/WHO Collaborating Center on Health Promotion Policy and Research」を運営している。このリサーチ・センターは、国家・地域・

世界における健康の社会的決定要因とその影響に焦点をあて研究を行っている。

## 2.3.3 産学連携

産学連携は、主に、学生奨学金とリサーチ・センターへの研究資金援助において行われている。各大学で、多数の企業が奨学金のスポンサーとなっている。また、研究資金の援助の例としては、Kellogg Foundation による University of Michigan の「Community-Based Public Health (CBPH)」における Detroit-Genesee County Community-Based Public Health Project への資金援助などがあげられる。この資金援助により、地域における公衆衛生問題の理解、健康に影響を及ぼす社会的・経済的・文化的状況の調査などが進められている。

# 2.3.4 地域社会との連携

地域社会との連携は、第一に、学生の現地実習やインターンシップで行われている。Boston University School of Public Health の学生は、女性のシェルター、ホームレスへのヘルスケア奉仕活動、AIDS や乳がんの募金運動、Boston Area Health Education Center による中高生のための教育夏期プログラムなどに、現地実習・インターンシップの一貫として参加している。

第二に、大学は地域サービスを行っている。たとえば、Harvard University School of Public Health The Office of Government and Community Programs は、地域と政府機関と連携し、ボストン地域の公立学校において公衆衛生関連の問題の理解に努め、Community Partnership Day、Youth Outreach、Public School Program などのプロジェクトを実施している。

第三に、地域社会との連携によって研究が行われている。たとえば、Boston University School of Public Health の Environmental Health Department や The Health Services Department では、地域の組織や公共機関との協力により多数の研究を行っている。

#### 2.3.5 大学間連携

大学間連携は、第一に、学位プログラムにおいて行われている。たとえば、the University of Medicine and Dentistry of New Jersey(UMDNJ)は、州内にあるほかの研究機関(Rutgers University、the State University of New Jersey、the New Jersey Institute of Technology、Public Health Research Institute)と連携し、「The UMDNJ School of Public Health」を運営している。このプログラムは、3大学のキャンパスにおいて行われている。

また、San Diego State University は、海外の大学(University of Applied Sciences in Magdeburg, Germany と Universidad de Chile)と協定を結び、1~2ヶ月から1~2 学期にわたる、インターン・現地実習・共同研究のための交換留学を行っている。 University of Michigan は、 the French Institute of Tropical Medicine and African Epidemiology University of Paris との連携で講師を招き、「International Health and Infectious Diseases」のコースを開設している。

第二に、大学間連携によってリサーチ・センターを運営している。たとえば、米国南東部にある6大学 (The University of North Carolina School of Public Health、The Kentucky School of Public Health、Norman J. Arnold School of Public Health at the University of South Carolina、The University of Tennessee, Knoxville、West Virginia University Eastern Virginia Medical School) は、「Southeast Public Health Training Center」を共同運営し、トレーニング・システムの改善、地域的協力の向上などをめざしている。

また、University of Washington は、ほかの大学の研究機関(Center for Farm Health and Safety at Eastern Washington University、Center for Research on Occupational and Environmental Toxicology、UC Davis Agricultural Center、University of Idaho Department of Biological and Agricultural Engineering、Washington State University Cooperative Extension Offices)と協力して、「The Pacific Northwest Agricultural Safety and Health Center」を運営し、農業における安全と健康のために研究を行っている。

## 2.4 評価システム

米国には、英国の RAE のような公的な評価システムは存在しない。評価の目安となるものは、The Council on Education for Public Health (CEPH)による「Accredited Schools of Public Health」か、US News & World Report 社から出版されている US News & World Report Best Graduate Schools である。

CEPHによって、「Accredited Schools of Public Health」と認定されるためには、少なくとも Epidemiology、Biostatistics、Environmental Health、Behavioral Sciences、Health Services Administration の 5 分野の Degree Program を有し、1 分野以上の Doctoral Degree を授与していなければならない。現在、約30 大学の衛生学・公衆衛生学関連の卒後教育プログラムが認定されている。

US News & World Report Best Graduate Schools は、大学関係者へのアンケートに基づいた私的な評価であり、様々な分野の大学教育のランク付けをしている。英国の RAE にくらべて信頼性に欠けるが、米国人には広く知られた雑誌である。2000 年における Public Health

分野のランキングは、1. Johns Hopkins University、2. Harvard University、3. University of North Carolina at Chapel Hill、4. University of Michigan、5. University of Washington と発表されている。

	Boston University	Columbia University
Website	http://www.bumc.bu.edu/SPH/index.htm	http://www.mailman.hs.columbia.edu/index.html
Rating/Ranking	Accredited School of Public Health	Accredited School of Public Health
School (Center)	School of Public Health	Mailman School of Public Health
Department (School)	Data Coordinating Center, Department of Environmental Health, Department of Epidemiology/Biometrics, Department of Health Law, Department of Health Services, Department of International Health, Department of Maternal and Child Health, Department of Social and Behavioral Sciences.	Department of Biostatistics, Department of Environmental Health Sciences, Department of Epidemiology, Department of Health Policy Management, Department of Population and Family Health, Department of Sociomedical Sciences.
Division (Department)		
Foundation	1976 (school)	1919 (school, the second oldest)
Budget	\$23,330,788 (research funding)	1010 (School, the Second Didest)
Faculty	90 full-time, 223 part-time	
Students	282 full-time, 319 part-time	
Degree	MPH in 7 concentrations (Environmental Health Sciences; Epidemiology and Biostatistics; Health Law, Health Services; International Health; Maternal and Child Health; Social and Behavioral Sciences), DrPH (new in fall 2002), MSc in Epidemiology, DSc in Epidemiology and Environmental Health Sciences, 5 dual degrees: JD/MPH; MBA/MPH; MD/MPH; MSW/MPH, MA and PhD in Biometrics.	MPH in 7 concentrations (Biostatistics; Environmental Health Sciences; Epidemiology; Health Policy Management; Population and Family Health;, Sociomedical Sciences; General Public Health), MS in Biostatistics, Epidemiology, DrPH in 4 concentrations (Biostatistics; Environmental Health Sciences; Epidemiology; Sociomedical Sciences). PhD in 4 concentrations (Biostatistics; Environmental Health Sciences; Epidemiology; Sociomedical Sciences). Dual degrees
Duration	Master's-1.5 to 3 years, within 5 years.	program.  MPH 2 years, DrPH 3 to 7 years.
Degree Requirement	courses, between 16 and 20 credits of concentration courses, and the remainder in electives), field practice placement.  DrPH master's degree, a minimum of 40 credits (including the basic core public health practice curriculum, specialized courses in the department of their concentration, and a	MPH 45 points of coursework (15 points each term), a practicum (practical experience) equivalent to at least one term, master's essay and/or culminating experience, Medical Background Examination (for students without health professional background). MS 30 points of coursework, master's essay, practical experience. DrPH MPH degree, 40 points of doctoral credits, qualifying exams, dissertation,
Special Programs	program, Annual Summer Certificate Program (International	M.D. Program in International Health & Medicine in Collaboration with Columbia University Health Sciences, Program on Forced Migration and Health (MPH, Public Health in Complex Emergencies Traning Program, research).
Financial Aid		
International Student/ TOEFL	87 international students.	TOEFL 250

	Emory University	Florida International University
Website	http://www.sph.emory.edu/home.html	http://w3.fiu.edu/ph
Rating/Ranking	Accredited School of Public Health	
School (Center)	The Rollins School of Public Health	College of Health and Urban Affairs, School of Health
Department (School)	Department of Behavioral Sciences and Health Education, Department of Biostatistics, Department of Environmental and Occupational Health, Department of Epidemiology, Department of Health Management and Policy, Department of International Health.	
Division (Department)		
Foundation		
Budget	\$20.4 million (research expenditure)	
Faculty	108 full-time, 223 part-time	7 full-time
Students	465 full-time, 297part-time	51 full-time, 57 part-time
Degree	MPH in 7 concentrations (Behavioral Sciences and Health Education; Biostatistics; Environmental and Occupational Health; Epidemiology; Health Policy and Management; International Health; Global Environmental Health), MSPH in 4 concentrations (Biostatistics; Epidemiology; Public Health Informatics, EOH/EPI joint program), 3 dual degree programs (MBA/MPH, MSN/MPH, JD/MPH), PhD (Biostatistics/Epidemiology; Nutrition/Health Sciences), Clinical Research Award Program CRCA/MSCR.	MPH in 3 specializations (Environmental Health; Epidemiology; Health Promotion)
Duration		MPH within 6 years
Degree Requirement	MPH 42 semester hours of credit and a required practicum. MSPH 48 credit hours, practicum, thesis. PhD required and selective courses, a doctoral qualifying examination, a dissertation, a dissertation defense.	MPH a minimum of 46 semester hours of approved course work (core courses 22 credit hours, specializations 18-21 credit hours, field experience or research project 3-6 credit hours)
Special Programs	Continuing Education (S.I.T.E. Training and Evaluation; Cancer Registry Training Programs; Epidemiology Courses for Professionals; Biostatistics Department Seminars; Environmental and Occupational Health Department Seminars), Distance Education Programs (web-based Career MPH Program, Epidemiology Certificate Program, etc.).	Environmental Health Certificate Program, Health Sciences Certificate Program, Distance Leaning (Certificate, MPH).
Financial Aid	307 students received aid.	
International Student/ TOEFL	85 international students. TOEFL 550 or 215 (CBT)	13 international students. TOEFL 550 or 213(CBT)

	George Washington University	Harvard University
Website	http://www.gwumc.edu/sphhs	http://www.hsph.harvard.edu/
Rating/Ranking	Accredited School of Public Health	Accredited School of Public Health, US News Best Graduate School 2000 Public Health Rank 2.
School (Center)	School of Public Health and Health Services	School of Public Health
Department (School)	Department of Environmental and Occupational Health, Department of Epidemiology and Biostatistics, Department of Health Service Management and Policy, Department of International Health, Department of Prevention and Community Health, Exercise Science Programs.	Department of Biostatistics, Department of Cancer Cell Biology, Department of Epidemiology, Department of Environmental Health, Department of Health and Social Behavior, Department of Health Policy and Management, Department of Maternal and Child Health, Department of Nutrition, Department of Population and International Health.
Division (Department)		
Foundation	1007	1922 (school)
Budget	1397	
		\$176.1 million (budget)
Faculty Students	900 (including undergraduates)	350 (faculty)+600 (researchers)+800(support staff)
Students	900 (including undergraduates)	884
Degree	MPH in 7 concentrations (Administrative Medicine; Community Oriented Primary Care; Environmental-Occupational Health; Epidemiology-Biostatistics; Health Promotion-Disease Prevention; International Health; Maternal and Child Health). MHSA, DrPH.	Interdisciplinary: MPH in 7 concentrations (Clinical Effectiveness; Family and Community Health; Health Care Management; International Health; Law and Public Health; Occupational and Environmental Health; Quantitative Methods). Departmental: Master of Occupational Health (MOH), SM, SD, DPH, PhD.
Duration	MPH, MHSA within 4 years	MPH full-time 2 semesters, part-time 2 to 3 years.
Degree Requirement		MPH a minimum of 40 course credits (core requirements in the fundamental public health disciplines. These requirements include an interdisciplinary course on the ethical basis of the practice of public health, the practice course for the chosen concentration, one course in biostatistics, one course in epidemiology, one course in environmental health, one course in health and social behavior, and 2.5 to 5 credits in management courses relevant to the chosen concentration).
Special Programs	Generalist; Health Services Generalist; Long Term Care), Distance Education (Graduate Certificate Program).	Summer Programs (Clinical Effectiveness, Public Health Studies), Continuing Professional Education (Occupational and Environmental Health, Executive Education in Health Care Management), The Takemi Program in International Health.
Financial Ald		
International Student/ TOEFL		In 2001-02, 25% of total students are international students. TOEFL 560 or 220 (CBT), preferable 600 or 250.

	Johns Hopkins University	Loma Linda University
Website	http://ww3.jhsph.edu/	http://www.liu.edu/llu/sph
Rating/Ranking	Accredited School of Public Health, US News Best Graduate School 2000 Public Health Rank 1.	Accredited School of Public Health
School (Center)	Bloomberg School of Public Health	School of Public Health
Department (School)	Department of Biochemistry and Molecular Biology, Department of Biostatistics, Department of Environmental Health Sciences, Department of Epidemiology, Department of Health Policy and Management, Department of International Health, Department of Mental Hygiene, Department of Molecular Microbiology and Immunology, Department of Population and Family Health Sciences.	Department of Environmental and Occupational Health, Department of Epidemiology and Biostatistics, Department of Health Administration, Department of Health Promotion and Education, Department of International Health, Department of Nutrition.
Division (Department)		
Foundation	1916 (school, the oldest)	1967 (school)
Budget	\$197.7 million (research expenditure)	
Faculty	429 full-time, 593 part-time	65 full-time, 6 part-time
Students	1288	266 full-time, 124 part-time
Degree	School-wide: MPH. Departmental: Master of Health Sciences (MHS), Master of Science (ScM), PhD, DrPH, Doctor of Science (ScD).	MHA, MPH, MSPH, DrPH.
Duration	MPH full-time 11 months, part-time within 3 years.	
Degree Requirement	MPH 80 credits. MHS departmental coursework, final examination or master's thesis/essay. ScM departmental coursework, final examination or master's thesis/essay. PhD departmental coursework, qualifying examinations, dissertation.	
Special Programs	Continuing Professional Education (Certificate Programs Environmental Health; Health and Human Rights; Health Communication; Health Education; Health Finance and Management; Humanitarian Assistance; Injury Prevention; Maternal and Child Health; Occupational Health; Part-time Graduate Education; Risk Sciences and Public Policy; Vaccine Sciences and Policy), Distance Education (Internet- based MPH, Certificate Programs), The General Preventive Medicine Residency Program. Occupational and Environmental Medicine Residency Program.	
Financial Aid	In 2000-01, 740 students received aid including 55 fellowship.	In 2000-01, 80 students received aid.
International Student/ TOEFL	314 international students. TOEFL MPH-600 or 250 (CBT), other master's-550 or 250 (CBT).	40 international students.

	New York University	Ohio State University
Website	http://www.nyu.edu/education/health	http://www.sph.ohio-state.edu/
Rating/Ranking		Accredited School of Public Health
School (Center)	Steinhardt School of Education	College of Medicine and Public Health
Department (School)	Department of Health Studies, Program in Health Education	School of Public Health
Division (Department)		Division of Biometrics, Division of Epidemiology, Division of Environmental Health Sciences, Division of Behavior and Health Promotion, Division of Health Services Management and Policy.
Foundation		1995 (school)
Budget		\$1.5 million (research expenditure)
Faculty	6	19 full-time, 5 part-time
Students		87 full-time, 35 part-time
Degree	MPH (Community Health Education; International Community Health Education, Alcohol and Substance Abuse Prevention), Ed D/PhD (Community Health Education, International Community Health Education, Health Education in Schools and Colleges, Human Sexuality Education).	MPH in 5 specializations (Biometrics; Epidemiology; Environmental Health Sciences, Health Behavior and Health Promotion; Health Services Management and Policy), MPH for Experienced Professionals (no specialization), Master of Health Administration, MS/PhD in Public Health, dual degrees (MPH/MD, MPH/PhD, MHA/MD, MHA/JD).
Duration		
Degree Requirement		MPH a minimum of 60 credit hours, practicum (field practice placement), culminating experience. MS a minimum of 60 credit hours, thesis. PhD a minimum of 90 graduate credit hours beyond the master's, candidacy examination, dissertation.
Special Programs	Certificate Program	
Financial Aid		In 2000-01, 12 fellowships with full tuition reimbursements, 15 research assistantships with full tuition reimbursements.
international Student/ TOEFL		20 international students

	Oregon State University	Saint Louis University
Website	http://www.hhs.oregonstate.edu/	http://www.slu.edu/colleges/sph/slusph/Default.htm
Rating/Ranking		Accredited School of Public Health
School (Center)	College of Health and Human Sciences	Graduate School, School of Public Health
Department (School)	Department of Public Health	
Division (Department)		
Foundation		1991 (school)
Budget		
Faculty		37 full-time, 65 part-time
Students	48 full-time, 11 part-time	109 full-time, 82 part-time
Degree	мрн	MPH in 6 concentrations (Behavioral Science/Health Education; Biostatistics, Environmental and Occupational Health; Epidemiology; joint Epidemiology/Biostatistics; joint Epidemiology/Environmental and Occupational Health). MHA (Department of Health Management and Policy), PhD (Public Health Sciences), Joint degrees: JD/MHA, JD/MPH, MD/MPH, MHA/MBA, MPH/MS, MPH/MSN, MPH/MSW, MPH/PhD.
Duration		
Degree Requirement		MPH 48 credits, internship. MHA 60 credits, internship, a comprehensive oral examination. PhD 72 credits, dissertation.
Special Programs		
Financial Aid		In 2000-01, 136 students received aid.
International Student/ TOEFL	6 international students	29 international students

	San Diego State University	State University of New York at Albany
Website	http://www-rohan.sdsu.edu/depart-time/qsph	http://www.albany.edu/sph
Rating/Ranking	Accredited School of Public Health	Accredited School of Public Health
School (Center)	Graduate and Research Affairs, College of Health and Human Services	School of Public Health
Department (School)	Graduate School of Public Health	Department of Biomedical Sciences, Department of Biometry and Statistics, Department of Environmental Health and Toxicology, Department of Epidemiology, Department of Health Policy, Management and Behavior.
Division (Department)	Division of Epidemiology and Biostatistics, Division of Health Promotion and Behavioral Sciences, Division of Health Services Administration, Division of Occupational and Environmental Health.	
Foundation		
Budget		
Faculty	24 full-time, 19 part-time	
Students	197 full-time, 95 part-time	172 full-time, 70 part-time
Degree	MPH in 6 specializations (Environmental Health; Epidemiology; Biometry; Health Promotion; Health Services Administration; Public Health Management), MS in two specializations (Industrial Hygiene; Toxicology), PhD (epidemiology), MPH/MSW.	MPH, MS, DrPH, PhD.
Duration	MPH 2 years PhD 3-5 years.	MPH 2 years.
Degree Requirement	MPH 48 completed units, supervised field placement, thesis or comprehensive exam. PhD coursework, preliminary examination, comprehensive qualifying examination, dissertation.	MPH 45 to 51 credits, including 6-12 credits of internships. DrPH 78 to 90 credits beyond the BA/BS, four three-month internships, a doctoral project and dissertation.
Special Programs		Continuing Education, Distance Learning.
Financial Aid		
International Student/ TOEFL	8 international students	81 international students

	Texas A & M University	Tulane University
Website	http://hscconcord.tamu.edu/srph	http://www.sph.tulane.edu/
Rating/Ranking	Accredited School of Public Health	Accredited School of Public Health
School (Center)	System Health Science Center	School of Public Health and Tropical Medicine
Department (School)	School of Rural Public Health	Department of Biostatistics, Department of Epidemiology, Department of Community Sciences, Department of Environmental Health Sciences, Department of Health System Management, Department of International Health and Development, Department of Tropical Medicine.
Division (Department)	Department of Epidemiology and Biostatistics, Department of Social and Behavioral Health, Department of Environmental and Occupational Health, Department of Health Policy and Management.	
Foundation		
Budget		
Faculty		101
Students		630 full-time, 208 part-time
Degree	МРН, МНА, MSPH.	MPH, Master of Public Health and Tropical Medicine (MPH/TM), MSPH, MHA, DrPH, ScD.
Duration		
Degree	MPH, MHA practicum, comprehensive examinations. MSPH	
Requirement	master's thesis.	
Special Programs		Peace Corps Master's Internationalist Program, Preventive Medicine Residency for Physicians, Distance Learning (MPH in Occupational Health and Safety Management, Occupational Health. MSPH in Industrial Hygiene. Epidemiology Courses).
Financial Aid		
International Student/ TOEFL		131 international students

	University of Alabama at Birmingham	University of California Berkeley
Website	http://main.uab.edu/show.asp?durki=1505	http://sph.berkeley.edu:7047/
Rating/Ranking	Accredited School of Public Health	Accredited School of Public Health
School (Center)	Graduate School, School of Public Health	Graduate Division, School of Public Health
Department (School)	Department of Epidemiology and International Health, Department of Maternal and Child Health, Department of Health Behavior, Department of Biostatistics, Department of Environmental Health Sciences, Department of Healthcare Organization Policy.	Biostatistics, Environmental Health Sciences, Epidemiology/Biostatistics, Health and Social Behavior, Department of Health Policy and Management, Health Services and Policy Analysis.
Division (Department)		
Foundation		1943 (school)
Budget		
Faculty		9
Students	261full-time, 74part-time	
Degree	MPH, MS, MSPH, PhD.	MPH, DrPH, MA, MS, DrPH, PhD, MBA/MPH, MCP/MPH,
Duration		MPH a minimum of two semesters of academic residence.
		DrPH a minimum of 4 full-time semesters.
Degree Requirement		MPH 24 units of course work, Public Health Practice Experience, a comprehensive final examination. DrPH MPH degree, 2 year professional experiences, a minimum of 48 units of coursework and a minimum of 12 units of dissertation research credits, research residency or professional residency irequirement, second semester review, qualifying examination dissertation.
Special Programs	Professional Option Weekend MPH Program, Peace Corps Master's International Program, Annual International Public Health Summer Institute.	Residency in Public Health and General Preventive Medicine, Occupational Medicine Residency Programs, Intercampus Exchange Program, Master's International Program (Peace Corps), The Robert Wood Foundation Scholars Program.
Financial Aid	In 2000-01, 115 students received aid.	
nternational	76 international students	TOEFL 570

	University of California Los Angeles	University of Hawaii at Manoa
Website	http://www.ph.ucla.edu/	http://www.hawaii.edu/ogsas/ophs.htm
Rating/Ranking	Accredited School of Public Health	
School (Center)	Graduate Division, School of Public Health	School of Medicine
Department (School)	Department of Biostatistics, Department of Community Health Sciences, Department of Environmental Health Sciences, Department of Epidemiology, Department of Health Services.	Department of Public Health Sciences and Epidemiology
Division (Department)		
Foundation		
Budget		
Faculty	180	8 full-time, 6 part-time
Students	539 full-time	26 full-time, 19 part-time
Degree	Departmental: MPH, DrPH, MS, PhD, MBA/MPH, MD/PhD, MPH/MA.	Advanced Certificate in Gerontology, MPH (Epidemiology; Gerontology), MS (Epidemiology).
Duration		Certificate- 1 semester, master's- 2 semesters or four sixweek summer sessions.
<b></b>	NATILL a minimum of 11 full courses (44 units)	MPH 30 to 40 credits, capstone paper, public presentation
Degree Requirement	MPH a minimum of 11 full courses (44 units), comprehensive examination. DrPH a minimum of six full courses, a field experience, written and oral qualifying examinations, dissertation.	based on practicum. MS a minimum of 30 credit hours, thesis, oral examination.
Special Programs	Program for Working Professionals, Preventive Medicine Residency Program, International Health, Rand Post-doctoral Training Program.	
Financial Aid	In 2000-01, 483 students received aids including 308 fellowships, 23 research assistantships, 63 teaching assistantships.	In 2000-01, 2 research assistantships, 1 teaching assistantship.
International Student/ TOEFL	20 international students	9 international students. TOEFL 550 or 213(CBT)