1992-93

UNIVERSITY SENATE
ATTENDANCE

3:30pm

Meeting of: May 3, 1993

Dick Collier
Bonnie Spanier
Shirley Jones
John Webb
Judith Baskin
Dick Farrell
James Wessman
Greg Stevens
[illegible]
[illegible]
[illegible]
David Strogatz
R Bosco
[illegible]
Karma Wilkins
Reed J. Hoyt
[illegible]
Jeff Berman
J. F. Volkwein
J. Gullahorn
S. Faerman
Scott Lyman
[illegible]
James Klepper
[illegible]
R. Felson

Paul W. Wallace
Geraldine Walther
Steven Thompson
Marylyn Thomas
Loretta Smith
[illegible]
Carl Carlucci
John Pipkin
[illegible]
[illegible]
[illegible]
Mark Steinberger
C. Carr
Joel Blumenthal
John Levato

University Senate

Administration 259
Albany, New York 12222

518/442-5406

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

UNIVERSITY SENATE
Monday, May 3, 1993
3:30 p.m. -- Campus Center Assembly Hall

AGENDA

1. Approval of Minutes: April 12, 1993
2. President's Report
3. SUNY-wide Senate Report — Vincent Aceto, Paul Wallace
4. Chair's Report
5. Council Reports
   a. CPCA — Ronald Bosco
   b. EPC — Joan Schulz
   c. GAC — Richard Felson
   d. UAC — Bonnie Spanier
   e. RES — Lorretta Smith
   f. LISC — Mark Steinberger
   g. CAFE — Scott Lyman
   h. SAC — James Kiepper
   i. UCC — Reed Hoyt
6. Old Business
7. New Business
   a. Senate Bill No. 9293-07: Ph.D. Empidemiology
   b. Senate Bill No. 9293-08: Criteria for Capping or Restricting a Major
8. Adjournment

University Senate

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UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

UNIVERSITY SENATE
Monday, May 3, 1993
3:30 p.m. -- Campus Center Assembly Hall

AGENDA ADDENDUM

7. New Business
   a. Senate Bill No. 9293-07: Ph.D. in Epidemiology (cover sheet only; Bill in earlier agenda packet)
   b. Senate Bill No. 9293-08: Criteria for Capping or Restricting a Major (cover sheet only; Bill in earlier agenda packet)
   c. Senate Bill No. 9293-09: Doctor of Public Health (Dr.P.H.)

University Senate

Administration 259
Albany, New York 12222

518/442-5406

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

UNIVERSITY SENATE MINUTES
May 3, 1993

Present: V. Aceto, J. Baskin, J. Berman, P. Bloniarz, R. Bosco, L. Brannon, C. Carr, L. Childs, R. Collier, S. Faerman, R. Farrell, R. Felson, R. Gibson, J. Gullahorn, K. Hitchcock, R. Hoyt, J. Kiepper, S. B. Kim, M. Livingston, S. Lyman, A. Morris, D. Munoz, J. Parker, J. Pipkin, J. Schulz, L. Smith, B. Spanier, M. Steinberger, G. Stevens, D. Strogatz, J. F. Volkwein, G. Walker, P. Wallace, J. Welch, J. Wessman

Guest: J. Blumenthal, C. Carlucci, S. Jones, J. Levato, M. Thomas, K. Wilkin

The meeting was called to order at 3:40 p.m. by Chair Brannon.

1. Approval of Minutes

The minutes of the April 12, 1993, University Senate Meeting was approved as distributed.

2. President's Report

President Swygert reported on the outcome of the State budget process. After three years, we are witnessing the end of the worst decline in State support, the President said. There is, however, an increased demand for campuses to generate more revenue. The President will be meeting with the Chancellor and Vice Chancellor to speak to the question of enrollment. Albany has an enrollment target of 1,250 transfer students and 1,900 first-time students. The four University Centers generate 40 percent of all undergraduate hours in the system, he said. In addition to the regular appropriation, the University received $1 million to operate a Center for Technology in Government. We also received funding authorization of $10 million for the Center for Environmental Science and Technology Management.

Vice President Carlucci provided details of the budget.

Personal computers and printers were distributed to teaching faculty during the last 12 months, President Swygert said. We hope to continue this program next year.

3. SUNY-wide Senate Report

A report of the SUNY-wide Senate meeting is available at the information table, reported Senator Aceto. He also reported that James Chen was reelected as Chair for three years. Senator Aceto briefly reported on resolutions passed by the SUNY-wide Senate: the Operations Committee reported that there is little, if any, change of women and minority faculty on campuses. The creation of a Distinguished Rank of Librarianship is being recommended to the Chancellor for adoption. There is a very serious situation at the Old Westbury campus. A visitation committee will be meeting at the campus and will report next month.

4. Chair's Report

The 1993-94 Senate Council Organizational meetings will take place on May 4, reported Chair Brannon. The Council assignments are available at the information table.

Chair Brannon thanked the Senate officers, Executive Committee, SUNY-wide Senators, Council members, deans, Vice Presidents and the President, who has given his guidance and leadership, for their service for 1992-93.

5. Council Reports

a. CPCA: Senator Bosco had nothing to report.

b. EPC: Senator Schulz noted that there was still time to submit the Quality of Life survey. The Code of Teaching Responsibilities will be discussed in the Fall.

c. GAC: Two bills will be discussed under New Business, reported Senator Felson.

d. UAC: Senator Spanier noted that topics to be discussed in the Fall include: reviewing procedures of academic dishonesty; proposal for minor in athletic training; clarification of the procedural policy of the General Education committee and UAC Curriculum Committee.

e. RES: The Campus Guidelines for Incubators will be forwarded to Vice President Gullahorn, reported Senator Smith. The Council will also look at the internal process for Centers and Institutes.

f. LISC: The building project was discussed in detail, Senator Steinberger reported. Since journal prices have escalated 20 percent per year, there will be a cut in the library budget for next year. The use of the VAX has been increasingly steadily, he said. Restrictions have been made to reduce the load.

President Swygert noted there was a 22 percent increase in journal costs last year. There are no resources available to fund this increase. It is an on-going issue that each campus is feeling, he said.

g. CAFE: Senator Lyman noted that there is one issue to be discussed in the Fall.

h. SAC: The Council received extensive reports from Vice President Livingston on student stress and alcohol use and abuse, Senator Kiepper said. SAC is trying to respond to what SAC can do to help elevate these issues.

i. UCC: The Council has been discussing parking. UCC wants to express their concern that floaters are used in an appropriate way.

6. Old Business

There was no Old Business.

7. New Business

a. Senate Bill No. 9293-07: Ph.D. Epidemiology. An outside review on the program was very favorable, reported Senator Felson. There is strong support in the Department of Health for this program and most of the faculty are in that department. No new resources are needed, Senator Felson said. The only criticism from the outside reviewers was that there was no central location for the department. Vice President Gullahorn noted that the School of Public Health has a Masters in Epidemiology. There is external funding to fund students, she said.

The motion to approve was passed.

b. Senate Bill No. 9293-08: Criteria for Capping or Restricting a Major. EPC was asked by UAC to establish a policy for capping or restricting a major, said Senator Schulz. This bill makes a uniform policy. This is an attempt to have a statute for faculty and department chairs, said President Swygert.

Senator Schulz pointed out that number five on page two refers to programs already in existence. EPC wanted to try to cluster reviews. There is no University mechanism for capping or restricting, said Dean Kim, and this bill will solve the problem.

The question was called. The motion to approve was passed.

c. Senate Bill No. 9293-09: Doctor of Public Health (Dr.P.H.). This is an extension of the Masters program, said Senator Felson. No new resources would be needed since the majority of the faculty are in Public Health. The outside reviews were favorable except that there was no central location.

The motion to approve was passed.

President Swygert presented a modest gift to Chair Brannon. The gift reflects the dynamics of the University -- it comes in a bag from Moscow State University and purchased from Fueuta Latina.

There being no further business, the meeting adjourned at 4:30 p.m.

Respectfully submitted,

Carson Carr, Jr.
Secretary

UNIVERSITY FACULTY SENATE

REPORT OF THE PLENARY MEETING
April 16-17, 1993
State University College at Oswego

1. President Chen's Report

A visitation committee has been established and will be meeting with representatives from the College at old Westbury.

2. Election of Chair for 1993-95

Jim Chen, Geneseo and Bill Reed, Brockport were candidates for Chair. Jim Chen was reelected for a second term.

3. Presentation by Provost Joseph Burke on "Performance Indicators".

Provost Burke began by listing some of the common complaints about SUNY:

costs too high- results too few

too few or too many students admitted

too few students graduate - too long to earn degree (70% high schools graduates go on to higher education but only 30% graduate; 4 years to earn AA and 6 years to earn BA)

too many graduates with inadequate knowledge and skills

too much stress on graduate studies

3.1 The challenge

how to get the most from unity and diversity.

how to reconcile effective accountability with creativity.

3.1 The solution

based on Peters and Waterman's <u>In Search of Excellence</u>, focus on results not rules and regulations - be tight on goals and loose on means of reaching them.

3.2 The prescription for SUNY

system responsibility is to set collective broad goals and evaluate campus performance on these goals.

campus responsibility to select the best means to reach these goals and to establish s means of accountability.

3.3 SUNY 2000 Goals

Access

Excellence in undergraduate education

National competitiveness in graduate studies and research

meet state needs in economic development, environmental conservation, health care, public education, and social services

management efficiency and effectiveness

3.4 The missing link

Performance indicators must link system accountability with campus autonomy

indicators show extent to which system is achieving goals and show trends over time and national peer comparisons

multiple indicators needed for SUNY 2000 goals

macro indicators needed to assess system-wide performance while micro indicators need to be developed on campuses to assess special goals

3.5 SUNY 2000 goals with sample indicators

3.51 Access

acceptance rate (first-time, transfer, gender, ethnic)

admissions selectivity/graduation rates for system and its sectors

student costs (tuition, room, board, fees)

3.52 Quality of undergraduate education

outcomes assessment plans

opinion surveys of students, alumni, faculty

pass rates on certification exams

3.53 Graduate education

degrees granted (doctoral, professional)

sponsored programs income

faculty recognition

faculty and student awards

regional and national rankings

3.54 Meeting state needs

degrees granted in critical work force areas

dollar volume of sponsored research in state needs areas

3.55 Management efficiency and effectiveness

measured over time period of 5 years

cost per student

student/faculty and student/administrator ratios

staffing trends by function

evaluation of building maintenance

3.6 Performance Reports

first report will be in Fall 1993

annual report to Board of Trustees of SUNY Central and sectors

reports to have wide dissemination within and without State government

reports will be used in system and campus planning and monitoring to improve performance

reports will not be used to compare one campus against another

4. Executive Committee nominations and elections

The following senators were elected:
University Centers: Vincent Aceto
University Colleges: Bill Reed
Specialized Colleges: Brijmohan Mullick
Health Science Centers: Phillip Swender
Colleges of Technology: Anne Donnelly

5. Chancellor D. Bruce Johnstone

The Chancellor did not have a formal presentation but responded to questions from senators.

6. Committee Reports

6.1 Executive Committee

The Executive Committee reported on a meeting with SUNY staff to discuss enrollment projections. If present trends continue, SUNY enrollment will be down by at least 3,000 students in the fall resulting in a loss of $6.6 million in tuition plus additional fees, room and board.

Resolution passed by Senate:

"Therefore be it resolved that the University Faculty Senate acknowledges with appreciation and pride Professor James C. Dawson's distinguished service to the Senate and University and extends to him best wishes in his new role as a Regent."

6.2 Undergraduate Committee

The Committee is working on final arrangements for a fall conference on Assessment in Mathematics and English.

6.3 Student Life Committee

The Committee is dealing with the issue of including disciplinary statements on student transcripts.

6.4 Operations Committee

The Committee passed out three reports completed this year: A Longitudinal Profile of the Faculty by Gender and Ethnicity, Trends in Instruction - Class Sizes, Course Offerings, Methods of Instruction: An Analysis of CASA Data, University Faculty Senate Award for Excellence in Equal Opportunity/ Affirmative Action.

Resolution passed by Senate:

"The University Faculty Senate recommends that the Chancellor direct the campus presidents to institute a program of data collection through exit interviews of all departing faculty using standardized questionnaires. This short instrument should be designed to ascertain the reasons for women and minority faculty leaving the University and the data should be centrally reported.

The Senate further recommends that the Chancellor recommend to campus presidents that they make a more concerted effort to apprise all faculty of expectations regarding continuing appointments, and to foster an environment necessary to meet these expectations.

The Senate recommends that the Chancellor urge campus presidents to recognize the importance of role models to women and minority students while taking due care not to overload junior faculty members with committee assignments and advisement duties in a manner which leaves insufficient time for course preparation and the research expectations of the institution.

The Senate recommends that the Chancellor urge campus presidents to establish campus-based mentorship programs in which incoming junior faculty are paired with a senior faculty member for guidance with respect to research, teaching, and university service.

6.5 Program and Awards Committee

Resolution passed by Senate:

"Resolved that the University Faculty Senate recommends

to the Chancellor the establishment of the rank of Distinguished Librarian."

6.6 Governance Committee

Resolutions defeated by Senate:

"It is the sense of the Senate that in determining the number of senators from each campus the following guideline for representation is adopted:

(a) One representative from each unit, independent of the size of the professional staff.

(b) Additional representatives shall be authorized from units on the basis of the number of full-time and full-time equivalents faculty and professional staff according to the following; a second representative for units whose full-time and full-time equivalent faculty and professional staff is greater than or equal to 600 but less than 1100. Additional representatives may be added for each incremental increase of 500 full-time or full-time equivalent faculty and professional staff beyond 1100."

"Be it resolved that official observer status be extended to a representative from the SUNY Black Faculty and Staff Association and a representative form the SUNY Women's Studies Council."

Resolution passed by Senate:

"Be it resolved that the Chairs of the Standing Committees and the immediate past officers of the Senate shall participate fully in the business of the Senate and shall be accorded parliamentary privileges without voting rights."

Respectfully submitted:

Vincent J. Aceto
Paul W. Wallace
University Faculty Senators

Senate Bill No. 9293-07

UNIVERSITY SENATE

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

Introduced By: Graduate Academic Council

Date: March 23, 1993

Ph.D. in Epidemiology

IT IS HEREBY PROPOSED THAT THE FOLLOWING BE ADOPTED:

I. That the Ph.D. program in Epidemiology be approved by the University Senate and submitted for approval and registration by the New York State Education Department;

II. That the program become effective September 1993 contingent upon State Education Department registration; and

III. That the Bill be referred to the President for approval.

Introduced by: Graduate Academic Council

Date: April 19, 1993

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK
SCHOOL OF PUBLIC HEALTH

Ph.D. Program in Epidemiology

Abstract

The Ph.D. program in epidemiology is designed to develop skills and capability in the practice, research and teaching of this discipline. The major goal of the program is to provide understanding of the theory, methods and knowledge of the science of epidemiology for students who plan to be employed in a variety of settings including governmental agencies, universities, health care facilities and private industry. The program will stress four areas: (1) concepts in the biological basis and principles of public health; (2) integration of biological and social science issues with epidemiologic methods, biostatistical techniques and data processing tools; (3) application of these principles and processes in a public health setting (the New York State Department of Health); and (4) the development of teaching, leadership, and planning skills in the relevant areas of public health sciences.

Admission Requirements

Applicants must hold a master's degree or doctoral degree from a college or university approved by the New York State Board of Regents. (Exceptional students with a bachelor's degree will be considered.) They must have a concentration (major) in the sciences, mathematics, public health or statistics. (Those with degrees in other fields may be admitted on the basis of relevant experience, contingent on completion of necessary course work.) They must have a satisfactory record of academic achievement, provide 3 letters of recommendation, and foreign students must provide evidence of proficiency in English. GRE or other appropriate test scores must be submitted (waivers may be considered).

Program of Study and Research

The program requires a minimum of 60 course credits beyond the baccalaureate plus completion of a satisfactory doctoral dissertation. In addition to the core courses (19 credits), supporting courses (12 credits) and field training (3 credits) at the master's level (or their equivalent), the following course work is required: (1) A minimum of four advanced methodology courses, one of which must be EPI 601-General Topics in Epidemiologic Methods. Two must be graduate level statistics courses offered by the Department of Biometry and Statistics or other graduate departments; (2) A minimum of 14 credits of supporting graduate courses including an area of specialization (e.g. environmental or infectious disease epidemiology). Further courses may be required by the dissertation committee; (3) Students are required to complete a field placement under faculty supervision working on actual epidemiologic projects including experience in study design, data management and analysis. Other degree requirements include proficiency with a research tool (computer programming/data management), teaching

experience (e.g. through co-teaching teaching assistantship or seminars), and satisfactory completion of a qualifying examination. The Ph.D. dissertation is a required part of each candidate's curriculum. It must be determined by the dissertation committee to be acceptable in form and content, and must represent an original and significant research contribution in the field of epidemiology. The student must successfully complete an oral defense of the dissertation before the committee, which will be open to the University community.

Graduates of the Ph.D. program in epidemiology will receive a unique combination of graduate course work and "real-world" public health experience. The direct faculty participation of the State Department of Health provides opportunities for research experiences difficult to find in other schools of public health. This combination will prepare graduates to make significant contributions to the field of epidemiology and the practice of public health in New York State and beyond.

The University at Albany

State University of New York

and

New York State Department of Health

The School of Public Health

Department of Epidemiology

Doctoral Program in Epidemiology

November 1992

School of Public Health
Ph.D. Program in Epidemiology

Proposed HEGIS code: 1299 Health Professions
Proposed Starting Date: September 1993

A. Introduction

The graduate program in Epidemiology is designed to develop skills and capability in the practice, research and teaching of this discipline. The major goal of the program is to provide understanding of the theory, methods and knowledge of the science of epidemiology for students who plan to be employed in multiple settings, including governmental agencies, universities (teaching and research), health care facilities and private industry. The proposed Ph.D. program will build on the existing M.S. program in Epidemiology (same HEGIS category).

Epidemiology, the study of the health of populations, is the basic science of public health. Its functions are:

1. To discover the agent, host and environmental factors which affect health in order to provide the scientific basis for the prevention of disease and injury and the promotion of health.
2. To determine the relative importance of causes of illness, disability and death in order to establish priorities for research and action.
3. To identify those sections of the population which have the greatest risk from specific causes of ill health in order that the indicated action may be directed appropriately.
4. To evaluate the effectiveness of health programs and services in improving the health of the population.

Biostatistics is an essential tool for the understanding and practice of epidemiology and will be integrated into much of the teaching in this graduate program. In addition, the student of epidemiology needs to be able to apply a background in biology, social sciences, natural sciences, and clinical sciences to contemporary public health problems.

The program will stress four features of graduate instruction: (1) concepts in the biological basis and principles of public health; (2) integration of biological and social science issues with epidemiological methods, biostatistical techniques and data processing tools; (3) application of these principles and processes in a public health setting (the New York State Department of Health); and (4) development of teaching, leadership and planning skills in relevant areas of public health sciences.

Unparalleled opportunities exist for graduate education in the Capital District. The most important organization for practical public health experience is the New York State Department of Health. In addition to the core of faculty originally approved for the Master's program, a number of additional epidemiologists have been added to the faculty to offer the expanded program for the doctorate. These faculty members are actively and currently engaged in epidemiology practice, surveillance and research. Students will be able to work with these individuals in areas of the highest relevance to public health. In many of these areas, the practice and research activities are on the leading edge of inquiry and development of new approaches. Other organizations also exist in which experience can potentially be gained. These include Albany Medical Center and a number of regional planning organizations.

Because the majority of faculty for the program are Department of Health employees, the proposed program will not strain institutional resources. The arrangement between the University and the Department of Health provides a

rich resource of faculty who are eager to have doctoral students working with them on real-world problems and projects faced by the Department of Health. Many of these faculty administer grants and contracts capable of supporting doctoral students working on these projects.

Recipients of the doctorate in epidemiology will be well qualified to carry out public health related research and administrative responsibilities in governmental or international institutions, the private sector, major medical care organizations, or to teach and conduct research in academic institutions.

The doctoral program in epidemiology builds on the master's program. Many of the candidates for the doctorate will be students who are enrolled in the Master's program or who have completed requirements for the Master's degree in the School.

A survey among Department of Health employees was conducted in the summer of 1987 to determine potential student interest in enrolling in the epidemiology master's degree program. Ninety-nine individuals indicated that they were interested in obtaining an MS in epidemiology. Many of these are likely to be interested in going on to earn a Ph.D.

The program of study and research requires at least three academic years of full-time study and research beyond the baccalaureate or the equivalent over a longer period. Typically, this may involve two years or more of full-time study beyond a master's degree.

The program will offer a Ph.D. in epidemiology, which requires the successful completion of a minimum of 60 graduate course credits beyond the baccalaureate in addition to completion of a doctoral dissertation. Applicants for admission to the doctoral program who have completed graduate programs or courses elsewhere may apply for admission with advanced standing. A maximum of 30 graduate credits may be transferred. Students are required to meet the

requirements for the M.S. in epidemiology along with additional coursework and dissertation requirements for the Ph.D. In addition, students are required to be enrolled full-time for a minimum of 2 semesters after the master's degree or equivalent and, are expected to devote at least one year to the research and writing of an acceptable dissertation.

B. Admission Requirements

Applicants to the Ph.D. program in Epidemiology are expected to satisfy the following requirements for admission:

1. They must hold a master's or doctoral degree from a college or university of recognized standing approved by the New York State Regents. Exceptional students with bachelor's degrees will be considered.
2. They must have a concentration (major) in the biological, physical, or social sciences, computer science, mathematics, public health, or statistics. (Students with concentrations in areas other than those listed in requirement 2 may be admitted on the basis of relevant work experience, contingent upon the completion of necessary coursework. Students lacking sufficient preparation in the biological sciences will be required to take additional courses in this area during their first semester).
3. They must have a satisfactory record of academic achievement and scholarship.
4. They must provide three letters of recommendation from academic advisors or other faculty members familiar with the applicant. (For candidates whose academic record predates the application by five years or more, letters of recommendation may be submitted by supervisors).
5. Foreign students must submit evidence of proficiency in English.

6. They must submit scores of the Graduate Record Examination or Medical College Aptitude Test (these test scores may be waived in some cases).
7. A personal interview will be conducted when feasible.

C. Program of Study and Research

The program requires a minimum of 60 graduate course credits beyond the baccalaureate plus registration for and completion of a satisfactory doctoral dissertation. The course of study of each student is planned with a faculty advisor who takes into account the student's previous preparation, area of specialization, and professional objectives. In addition to the core courses (19 credits Appendix A) supporting courses (12 credits) and field training (3 credits) at the masters level (or their equivalent), the following coursework is required:

1. A minimum of four advanced methodology courses (12 credits) approved by the advisor. (See Appendix B for a partial listing of advanced methodology courses.) One of these must be General Topics in Epidemiologic Methods (Epi 601) and Biostatistics. Two must be graduate level statistics courses offered by the Department of Biometry and Statistics or other graduate departments.
2. A minimum of 14 credits of supporting graduate courses approved by the academic advisor including an area of specialization (e.g. environmental or infectious disease epidemiology). Further courses may be required at the discretion of the dissertation committee. (See Appendix C for partial listing of supporting courses.)

3. Field Placement

Students are required to complete a field placement during which the student works closely with a faculty member of the Department of Epidemiology on actual epidemiologic projects including experience in the areas of study design, data management and analysis. This requirement can be met by completion of the School of Public Health field placement requirement (EPI 690) for the master's degree program in Epidemiology; or by equivalent experience obtained in a prior degree program, in a work setting or as part of the dissertation. The acceptability of equivalent experience will be determined by the Epidemiology Department's Academic Committee.

4. Part-time Study and Advanced Standing

Part-time study will be permitted subject to University regulations and requirements, e.g. fulfillment of the residency requirement by registration for at least 2 full time (12 graduate credit) semesters.

Advanced standing may be allowed for courses taken elsewhere in accordance with University policy. Courses may also be waived for students with demonstrated competence in the subject area, e.g., computer programming/data management; but all students must complete a minimum of 30 graduate course credits at the University at Albany for the Ph.D. in Epidemiology.

D. Other Degree Requirements

The requirements for the Ph.D. degree will be in accordance with the policies and procedures set forth by the University at Albany.

1. Research Tool Requirement

Proficiency in computer programming/data management will fulfill the research tool requirement.

2. Qualifying Examination

Upon completion of all required courses, each doctoral candidate will be required to pass a two-part written qualifying examination before admission to candidacy. The first part will cover general epidemiologic and appropriate biostatistical principles and methods. The second part will cover the student's chosen specialty area in epidemiology. Ordinarily, both parts of the exam will be administered in the same semester.

3. Dissertation

The Ph.D. dissertation will constitute part of each candidate's curriculum for the doctorate. It must be determined by the dissertation committee to be acceptable in form and content, and must represent an original and significant contribution in the field of epidemiology. The membership of the dissertation committee will be subject to the following guidelines. The chairperson must be a member of the Department of Epidemiology; the committee will have a minimum of three members, all of whom must hold the rank of assistant professor or above in the University Faculty. One of the Committee members must be from outside the Department of Epidemiology. The dissertation topic, proposed study design, methods, and detailed analysis plan must be presented in writing to and approved by the committee before the student initiates dissertation research. Outside readers may be included at the discretion of the committee. The student must successfully complete an oral defense of the dissertation before the committee, which will be open to attendance by the University community.

4. Teaching

Each Ph.D. candidate will be required to take part in and demonstrate competence in the teaching of epidemiology. Satisfaction of this requirement will be determined by the Department's Academic Committee.

E. Admission to Candidacy

A student is admitted to candidacy for the degree of Doctor of Philosophy upon completion of the following:

1. Satisfactory record (B average) in courses, seminar and research study.
2. Satisfactory completion of the research tool requirement.
3. Successful completion of qualifying examinations.
4. Approval by the full committee of the written proposal of the dissertation.

F. Typical Program of Study

First Year (Beyond Master's degree or equivalent)

Fall Semester

1. General Topics in Epidemiology and Biostatistics or other advanced methods course (3 credits)
2. First required advanced methods statistics course (3 credits)
3. Electives in Epidemiology, Biostatistics, or other relevant fields (3-6 credits)

Spring Semester

1. Second required advanced methods statistics course (3 credits)
2. Advanced methods course in an appropriate area of statistics or research methods (3 credits)
3. Electives in Epidemiology, Biostatistics, Biomedical Sciences or other relevant fields (3-6 credits)

Second Year Fall Semester

1. Field Training (3 credits)
2. Electives in Epidemiology, Biostatistics, Biomedical Sciences or other relevant fields (3-9 credits)
3. Qualifying Examination

Spring Semester

1. Dissertation Research (3-12 credits)

G. Courses

Appendix D lists the courses to be taught in the first three years of the program. (Selected courses may be offered during summer sessions). By Fall of 1992, all courses listed here except EPI 603 and 899 will already have been offered.

1992-1993

Fall Semester			Credits
EPI	501	Principles and Methods of Epidemiology I	3
STA	552	Principles of Statistical Inference I	3
EPI	503	Principles of Public Health	3
EPI	601	General Topics in Epidemiologic Methods	3
EPI	604	Cancer Epidemiology	3

EPI	605	Infectious Disease Epidemiology	3
EPI	609	Reproductive Epidemiology	3
EPI	613	Occupational and Environmental Epidemiology	3
EPI	690	Field Placement	3
EPI	899	Dissertation	3-12

Spring Semester

EPI	502	Principles and Methods of Epidemiology II	3
STA	553	Principles of Statistical Inference II	3
EPI	503	Principles of Public Health	3
EPI	504	Computer Applications in Epidemiology	3
EPI	602	Master's Seminar in Epidemiology	1
EPI	603	Chronic Disease Epidemiology	3
EPI	608	Injury Epidemiology	3
EPI	610	AIDS Epidemiology	3
EPI	612	Quantitative Methods in Epidemiology	4
EPI	690	Field Placement	3
EPI	899	Dissertation	3-12

1993-1994

Fall Semester

EPI	501	Principles and Methods of Epidemiology I	3
STA	552	Principles of Statistical Inference I	3
EPI	503	Principles of Public Health	3
EPI	601	General Topics in Epidemiologic Methods	3
EPI	605	Infectious Disease Epidemiology	3
EPI	611	Controversies in Epidemiology	3
EPI	613	Occupational and Environmental Epidemiology	3
EPI	690	Field Placement	3
EPI	899	Dissertation	3-12

Spring Semester

EPI	502	Principles and Methods of Epidemiology II	3
EPI	503	Principles of Public Health	3
STA	553	Principles of Statistical Inference II	3
EPI	504	Computer Applications in Epidemiology	3
EPI	602	Master's Seminar in Epidemiology	1
EPI	603	Chronic Disease Epidemiology	3
EPI	608	Injury Epidemiology	3
EPI	612	Quantitative Methods in Epidemiology	3
EPI	690	Field Placement	3
EPI	899	Dissertation	3-12

1994-1995

Fall Semester

EPI	501	Principles and Methods of Epidemiology I	3
STA	552	Principles of Statistical Inference I	3
EPI	503	Principles of Public Health	3
EPI	601	General Topics in Epidemiologic Methods	3
EPI	604	Cancer Epidemiology	3
EPI	605	Infectious Disease Epidemiology	3
EPI	609	Reproductive Epidemiology	3
EPI	613	Occupational and Environmental Epidemiology	3
EPI	690	Field Placement	3
EPI	899	Dissertation	3-12

Spring Semester

EPI	502	Principles and Methods of Epidemiology II	3
STA	553	Principles of Statistical Inference II	3
EPI	503	Principles of Public Health	3
EPI	504	Computer Applications in Epidemiology	3

EPI	602	Master's Seminar in Epidemiology	1
EPI	603	Chronic Disease Epidemiology	3
EPI	608	Injury Epidemiology	3
EPI	610	AIDS Epidemiology	3
EPI	612	Quantitative Methods in Epidemiology	3
EPI	690	Field Placement	3
EPI	899	Dissertation	3-12

H. Procedures for Academic Advising, Supervision and Evaluation of Student Progress

Each student will be assigned an academic advisor who will assist the student in course selection, field placement assignment, and dissertation research topic selection. The student will meet with the academic advisor at least once each semester to discuss progress in the program and to establish goals for the next term. At the end of the first year, each student will be encouraged to reevaluate the choice of advisor and may request another academic advisor who may more appropriately meet the student's needs and interests. The student may later choose a different faculty member to serve as a primary advisor for dissertation research.

I. Employment/Placement Service/Demand for Epidemiologists

The Department will maintain a listing of all prospective employers and will assist the students in their efforts to locate a position in the field of epidemiology. Local Health Departments, HMO's, and private health-related industries will be among those that the Department of Epidemiology will be contacting regularly to maintain accurate job placement information for their placement files. The Department will also share information on employment opportunities with the full-time field training coordinator of the MPH program.

J. Resources and Support Programs Available to Students

A 1992 evaluation of library resources to support the proposed Ph.D. program has been requested from the University Library.

In addition to library resources, extensive epidemiological personnel, data and programs are available within the Department of Health's Center for Community Health and Center for Environmental Health where the students will be able to learn epidemiology as it is practiced during their field placement and to find a wealth of material for dissertation topics. Some specific opportunities and data bases are listed below:

Bureau Name: Injury Control Program

Data Sets/Ongoing

Projects:

1. Injury Mortality Statistics
2. SPARCS Tapes of Hospital Discharges
3. Epidemiological Evaluation of NYS Seatbelt Law
4. Evaluation of Impact of Child Car Safety Seat Loaner Programs
5. Data being collected by Regional Poison Control Centers
6. Injury Surveillance System to be initiated this year

Division Name: Occupational Health and Environmental Epidemiology

Data Sets/Ongoing

Projects:

1. Congenital Malformation Registry
2. Chromosome Registry
3. Heavy Metals Registry
4. Occupational Lung Disease Registry

5. Woodstock Registry

Group Name: Information Science and Health Statistics Group

Data Sets/Ongoing

Projects:

1. Vital Statistics (birth, death, fetal death, marriage and divorce)
2. Health Statistics
3. Regionalized Perinatal Care Study
4. Prenatal Care Study
5. Surveillance of Health Outcomes
6. Computer-Mapping and Small-Area Analysis
7. Data Quality Control
8. Vital (natality, mortality, morbidity)
9. C-Section Study
10. Infant Mortality
11. Population Estimates and Projections
12. Cancer Probability
13. Computer Data Processing, Communications
14. General Health Studies
15. Occupation and Industry Health Outcome Determinants
16. Multiple (associated) Causes of Death

Bureau Name: Cancer Epidemiology

Data Sets/Ongoing

Projects:

1. Cancer Registry

2. Cancer Surveillance Investigations
3. Long Island Breast Cancer Study
4. Active Cancer Surveillance (methods and operations planning)
5. AIDS & HIV Related Studies
6. Binghamton State Office Building Study
7. Cancer Control Planning and Evaluation
8. Cervical Cancer - False Negative Pap Smear Study
9. Study of Smoking and Cervical Cancer
10. DES Registry Data

Bureau Name: Reproductive Health

Data Sets/Ongoing

Projects:

1. PCNP - Prenatal Care and Nutrition Program
2. DOH 16 and DOH 17

Bureau Name: Nutrition

Data Sets/Ongoing

Projects:

1. WIC Data Set
2. Emergency Food Relief
3. Elderly (Assessments on sample of elderly receiving home delivered meals)

Anticipated Future Projects/Data Sets

1. MCH (Nutrition and Dental Survey of School Children)

2. Elderly (Evaluation of impact of home delivered meals program)

Bureau Name: Dental Health

Data Sets/Ongoing

Projects:

1. Oral Health and Treatment Assessment Survey
2. Dental Sealent Program

Bureau Name: Bureau of Communicable Disease

Data Sets/Ongoing

Projects:

1. Short form data sets on 50 reportable diseases
2. Long form data sets on 15 reportable diseases
3. Multiple ongoing projects in 6 program areas, e.g.:

    Hib - Haemophilus influenzae, type b

    AIDS - Kaposi's sarcoma

    - non-Hodgkin's lymphoma

    - seroprevalence

    - prison

    Lyme disease

    STD's - chlamydia/syphilis

    TB

    Immunizable disease

    Outbreak investigations

K. Faculty (Curriculum Vitae attached)

As in the two initial Departments in the School, the faculty for the Department of Epidemiology come from an amalgamation of resources at the University at Albany, the Department of Health, and Albany Medical College. Faculty members who have been appointed to the Department of Epidemiology are as follows:

Mark S. Baptiste, Ph.D., Assist. Prof., DOH Epidemiology

Jerome I. Barancik, ScD., Adjunct Assist., Brookhaven National Laboratory

Gutherie S. Birkhead, M.D., M.P.H., Assist. Prof., DOH Epidemiology

Kelley A. Brix, M.D., M.P.H., Assist. Prof., DOH Epidemiology

Germaine Buck, Ph.D., Adjunct Assist. Prof., SUNY Buffalo, Epidemiology

Bruce Coles, M.D., Assist. Prof., DOH Epidemiology

George T. DiFerdinando, Jr., M.D., M.P.H., Assist. Prof., DOH Epidemiology

Charlotte F. Druschel, M.D., M.P.H., Assist. Prof., DOH Epidemiology

Edward F. Fitzgerald, Ph.D., Assist. Prof., DOH Epidemiology

Timothy Gage, Ph.D., Assoc. Prof., SUNYA, Anthropology/Epidemiology

Syni-An Hwang, Ph.D., Assist. Prof., DOH Epidemiology/Biometrics

Carol Lewis, Ph.D., Assist. Res. Prof., Mary Imogene Bassett Research Institute, Epidemiology

Elizabeth G. Marshall, Ph.D., Assist. Prof., DOH Epidemiology

James M. Melius, M.D., Dr. P.H., Assoc. Prof., DOH Epidemiology

Arthur Michalek, Ph.D., Adjunct Assoc. Prof., SUNY Buffalo, Epidemiology

Dale L. Morse, M.D., M.S., Assoc. Prof., DOH Epidemiology

Theodore Murawski, M.D., Adjunct Assist. Prof., DOH, Epidemiology

Philip C. Nasca, Ph.D., Assoc. Prof., DOH Epidemiology

Lloyd F. Novick, M.D., M.P.H., Prof., Chair, DOH Epidemiology

Thomas A. Pearson, M.D., M.P.H., Ph.D., Res. Prof., Mary Imogene Bassett Research Institute, Epidemiology

Lawrence M. Schell, Ph.D., Assoc. Prof., SUNYA, Anthropology/Epidemiology

Maria J. Schymura, Ph.D., Assist. Prof., SUNYA, Epidemiology

Perry F. Smith M.D., Assist. Prof., DOH Epidemiology

Susan J. Standfast, M.D., M.P.H., Assoc. Prof., DOH Epidemiology

Alice D. Stark, Dr. P.H., Assoc. Prof., DOH Epidemiology

Rachel L. Stricof, M.P.H., Instructor, DOH Epidemiology

David Strogatz, Ph.D., Assoc. Prof., SUNYA Epidemiology

Faculty Projections for the Next Three Years:

Development of the Department of Epidemiology is a priority activity of the Center for Community Health. A working group of epidemiologists from the Center for Community Health and the Center for Environmental Health have structured the initial teaching activities of the Department and developed the M.S. program. One University-supported Associate Professor was added to the Department in August, 1989. An additional University-supported faculty position at the Assistant Professor level was added in September 1990. Two Associate Professors currently hold joint appointments in the Departments of Anthropology and Epidemiology. Adjunct appointments have been provided for two Epidemiologists from SUNY at Buffalo.

Faculty Grant Support: See Appendix F

L. Students

The criteria and procedures for admission of students into the program have been previously described (section B., page 2).

It is expected that at least half of the students will be from the Albany area, one quarter from the rest of New York State, and the remaining quarter from other states and international origins. Many of the students will be from the medical profession and nursing. There will be a mixture of those who are recent graduates in the sciences and social

sciences and those who are currently employed in the public health field. Women will make up approximately half of the student population. Minority students will be actively recruited. All students will be required to meet the minimum admission requirements as listed above.

M. Facilities

The Department of Epidemiology has developed a proposal which uses Department of Health funds and a matching grant from IBM to purchase ten 486 style IBM personal computers, including one with sufficient memory to act as a file server, a printer, and the communications equipment to connect these computers to the DOH mainframe computer for access to PROFS and other packages. The proposal budgets for software and furniture and contains a buffer for additional or unanticipated expenses. It also contains an in-kind contribution of equipment from DOH. For the present, DOH has assumed the monthly maintenance costs for the 56 KB leased telephone line already installed in I University Place for purposes of communication with the DOH mainframe. DOH and IBM will assist in the installation of the laboratory. This proposed laboratory would be a state-of-the-art facility that would dramatically increase the possibilities for educational activities at the School of Public Health.

N. Provisions for Regular Program Review

The University's Graduate Academic Council reviews all doctoral programs in a continuous review cycle of five to seven years. As the key component of these reviews, at least two distinguished evaluators from renowned disciplinary research universities come to campus for a minimum two-day visit and submit a detailed written report to the Graduate Academic council and Vice President for Research and Dean of Graduate Studies. The Graduate Academic Council sends a formal report of each

reviewed program to the Vice President for Academic Affairs, citing strengths, weaknesses and recommendations for future development.

Graduate programs in the Albany School of Public Health also undergo a rigorous external evaluation every five years from the national accrediting association of schools of public health. The School underwent such a review in October 1992.

Additionally, the doctoral program (in Epidemiology , Public Health) will be monitored internally on an annual basis by a faculty/student committee of the Department and School in order to respond formally and expeditiously to immediate opportunities and problems.

Appendix A

Epidemiology Core Courses

EPI 501 Principles and Methods of

EPI 502 Epidemiology I, II (3,3)

STA 552 Principles of Statistical

STA 553 Inference I, II (3,3)

EPI 503 Principles of Public Health (3)

EPI 504 Computer Applications in Epidemiology (3)

EPI 602 Master's Seminar in Epidemiology (1)

Appendix B

Advanced Methodological Courses (Partial List)

Department of Anthropology

ANT 600 Quantitative Methods in Anthropology (4)

ANT 601 Advanced Quantitative Methods (4)

Department of Biometry and Statistics

STA 558 Methods of Data Analysis I (3)

STA 559 Methods of Data Analysis II (3)

STA 564 Sample Survey Methodology I (3)

STA 566 Analysis of Categorical Data I (3)

STA 567 Analysis of Categorical Data II(3)

STA 656 Design of Clinical Trials

STA 658 Mathematical Models in Biometry I (3)

STA 660 Linear Models(3)

STA 662 Multivariate Analysis (3)

STA 666 Survivorship Analysis (3)

Department of Epidemiology

EPI 601 General Topics in Epidemiologic Methods (3)

EPI 611 Controversies in Epidemiology (3)

EPI 612 Quantitative Methods in Epidemiology (4)

Department of Psychology

PSY 612 Advanced Techniques in the Design of Psychological Experiments (3)

PSY 622 Psychological Scaling Techniques (3)

PSY 633 Nonparametric and Distribution-Free Statistics (3)

PSY 734 Multivariate Analysis with Computer Applications (4)

Department of Sociology

SOC 609 Advanced Research Methods (3)

SOC 622 Advanced Statistics for Sociologists (3)

SOC 626 Survey Design and Analysis (3)

SOC 707 Structural Equation Models (3)

SOC 709 Nominal Data Analysis (3)

Appendix C

Supporting Courses in the School of Public Health

Department of Biomedical Sciences

BMS 505 Biological Basis of Public Health (3)

BMS 780 Interpretive Clinical Chemistry (2)

BMS 831 Topics in Clinical Chemistry (2)

BMS 671 Clinical Parasitology (2)

BMS 547 Human Genetics (3)

Department of Environmental Health and Toxicology

EHT 520 Principles of Environmental Chemistry (3)

EHT 530 Principles of Toxicology (3)

EHT 540 Principles of Radiation Sciences (3)

EHT 590 Introduction to Environmental Health (3)

EHT 670 Contemporary Issues in Environmental Health (3)

EHT 671 Concepts and Issues in Occupational Health Policy I (3)

Department of Biometry and Statistics

STA 550 Introduction to Computing (1)

STA 551 Survey Instrument Design (1)

STA 554, 555 Introduction to Theory of Statistics (3, 3)

STA 657 Mathematical Models of Demography

Department of Health Policy and Management

HPM 501, 502 Introduction to Health Policy and Management (3)

HPM 521 Family and Community Health: An Overview (3)

HPM 590 Introduction to Environmental Health (3)

HPM 541 Health Care Systems (3)

HPM 511 Economic Analysis (3)

HPM 542 Public Health Regulation (3)

Department of Epidemiology

EPI 603 Chronic Disease Epidemiology (3)

EPI 604 Cancer Epidemiology (3)

EPI 605 Infectious Disease Epidemiology (3)

EPI 608 Injury Epidemiology (3)

EPI 609 Reproductive Epidemiology (3)

EPI 610 AIDS Epidemiology

EPI 613 Occupational and Environmental Epidemiology (3)

EPI 694 Directed Readings in Epidemiology (2-6)

EPI 697 Independent Study and Research (2-6)

Supporting Courses in Other University Departments (Partial list)

Department of Psychology

PSY 514 Hormones, The Brain, and Behavior (3)

PSY 601 Proseminar: Biopsychology (3)

PSY 745 Psychopharmacology (3)

Department of Anthropology

ANT 511 Human Population Biology (3)

ANT 512 Human Population Genetics (4)

ANT 514 Principles of Human Growth and Development (3)

ANT 518 Biomedical Anthropology (3)

ANT 550 Medical Anthropology (4)

ANT 552 Topics in Biomedical Anthropology (4)

ANT 554 Topics in Human Growth and Development (4)

ANT 555 Topics in Human Population Biology (4)

Department of Biological Sciences

BIO 501 Special Topics in the Biological Sciences (1)

BIO 527 Mutagenesis, Carcinogenesis, and Teratogenesis (3)

BIO 544 The Biology of Cancer (3)

Department of Sociology

SOC 551, 552 Demographic Techniques (3)

SOC 607 Demography Internships(3)

SOC 665 Special Topics in Demography (3)

SOC 662 Sociology of Aging (3)

SOC 685 Social Aspects of Medicine and Health (3)

School of Social Welfare

SSW 581 Alcoholism and Public Policy (3)

SSW 640 Social Gerontology: Planning, Progress and Services (3)

SSW 645 Health Needs: Health Care Systems and Social Work (3)

SSW 670 Community Mental Health (3)

Albany Medical College

Anat 100 Gross Anatomy (7)

Anat 101 Microscopic Anatomy (4)

Micro 202 Microbiology and Infectious Disease (8)

Micro 502 Cellular and Molecular Immunology (3)

Micro 507 Introduction to Molecular Biology and Genetics (3)

Path 100 Human General Pathology (3)

Physiol 100 Human Physiology (8)

Senate Bill No. 9293-08

UNIVERSITY SENATE

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

Introduced by: Council on Educational Policy

Date: April 19, 1993

Criteria for Capping or Restricting a Major

IT IS HEREBY PROPOSED THAT THE FOLLOWING BE ADOPTED:

1. That the Criteria for Capping or Restricting a Major be approved by the University Senate;

2. That the bill become effective upon the approval of the President; and

3. That the Bill be referred to the President for approval.

Senate Bill No. 9293-08

UNIVERSITY SENATE

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

Introduced by: Educational Policy Council

Date: April 19, 1993

CRITERIA FOR CAPPING OR RESTRICTING A MAJOR

IT IS HEREBY PROPOSED THAT THE FOLLOWING BE ADOPTED:

I. The following criteria will be used by the Undergraduate Academic Council (UAC) and other governance bodies to evaluate a department's request to cap or restrict a major in any way:

A. The Department must first consult with the Dean of Undergraduate Studies and the Director of Institutional Research in preparing a written report on a) the impact of the proposed restriction on the University and the department, including enrollment, access to the major, diversity and multiculturalism, and b) possible alternative strategies (e.g., redeployment of the faculty across the departmental curriculum).

B. The Department must make its case to UAC based on one or more of the following rationales:

1. Program Quality -- quality threatened due to instructional resource limitations, e.g.,
   a) student/faculty ratio
   b) need for faculty strength in such areas as Gen Ed, non-major courses, or graduate program

2. Prerequisites
   a) essential incoming competence or preparation

3. Quantitative Considerations
   a) inability of students to finish in four years
   b) finite number of student spaces in the program, e.g., field placements

4. It is understood that the final decision will be made, on a case-by-case basis, by the Vice President for Academic Affairs in consultation with the University Senate.

5. All restrictions, existing and new, will be reviewed at least once every five years. These reviews insofar as possible will be clustered by cognate disciplines, following the process outlined in these guidelines.

6. Notification and Appellate process for applicants to the major

Any proposal for capping or restricting a major must include details on the notification of students as early in their undergraduate career as possible if they are unlikely to be accepted into the major. The proposal must also include details on the appellate process, which must be made known to applicants to the major. Appeals will be handled within the academic unit; they will be considered by the Committee on Admissions and Academic Standing of the Undergraduate Academic Council only if the issue cannot be resolved at the college or school level.

II. That this Bill be forwarded to the President for approval and implementation.

RATIONALE

In response to a request from the Undergraduate Academic Council, the Educational Policy Council's Long-Range Planning Committee undertook a year-long review to develop criteria for academic departments seeking to cap the number of majors or to restrict admission to the major through competence or preparation standards.

This policy is designed, first of all, to ensure that the full range of potential impacts on the institution and, especially, on students is established through an administrative review. In addition, the policy identifies, for the first time, the criteria that may be employed to cap or restrict a major. Finally, it identifies an appellate process for students denied admission to the major.

The intention of this policy is to ensure that only those majors meeting clear institutional criteria may implement a cap or restriction in order that students continue to have access to the widest array of majors possible. The periodic review further ensures that any cap or restriction will be tested at a regular interval against changes in disciplines, in the institution, or in other areas such as student demand.

Senate Bill No. 9293-09

UNIVERSITY SENATE

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

Introduced By: Graduate Academic Council

Date: April 26, 1993

Doctor of Public Health (Dr.P.H.)

IT IS HEREBY PROPOSED THAT THE FOLLOWING BE ADOPTED:

I. That the Dr.P.H. program be approved by the University Senate and submitted for approval and registration by the New York State Education Department;

II. That the program become effective September 1993 contingent upon State Education Department registration; and

III. That the Bill be referred to the President for approval.

UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

DOCTOR OF PUBLIC HEALTH (Dr.P.H.) PROGRAM

ABSTRACT

The program leading to the Dr.P.H. degree is an interdepartmental program of professional education in public health. The Dr.P.H. program represents an extension of the Master of Public Health (M.P.H.) both in breadth and depth of subject matter covered and practical experience in public health practice. Students may enter the Dr.P.H. program after completion of the M.P.H. Alternatively students may be admitted directly into the Dr.P.H. program and will earn an M.P.H. in the process of working toward the doctoral degree.

The Dr.P.H. program is designed to provide students with a broad exposure to public health, with a focus on applying existing knowledge and approaches to public health problems. Every student takes at least some coursework in each of the five departments, providing the breadth of knowledge necessary for an understanding of public health. They choose a field of concentration which corresponds to one department or one track in a department by taking several required and elective courses in that field of study. The highlight of the program is the practical experience provided by a series of internship rotations through areas of public health as practiced in state government or other health-related organizations. This gives students the opportunity to observe and participate in the application of their theoretical knowledge in a practical setting. Each student is expected to do at least four internships, each of three months duration, in at least three different fields of public health, unless the student has previous field experience of comparable value. The culminating experience is an extended internship, lasting at least nine months in the final year of the program, which will serve as the doctoral project and is to be taken in the field of concentration. A professional dissertation is required at the end of this experience. This paper is to be a sophisticated independent analysis of a significant problem in the field of public health and it should be of publishable quality.

Program Requirements:

The Dr.P.H. degree requires a minimum of 78 credits.

A. Required basic core courses are: (30 credits)

1) EPI 501, 502 Principles and Methods of Epidemiology I,II (6)
2) STA 552, 553 Principles of Statistical Inference I,II (6)
   or STA 554, 555 Introduction to the Theroy of Statistics I,II
3) HPM 501 Health Policy Analysis & Management (3)
4) EPI 503 Principles of Pubic Health (3)
5) BMS 505 Biological Basis of Public Health (3)
6) EHT 590 Introduction to Environmental Health (3)
7) HPM 525 Social & Behavioral Aspects of Public Health (3)
8) HPM 641 Organization & Management in Health Institutions (3)

B. Area of concentration:

Students are required to take six additional courses (18 credits), four in the area of concentration and two other electives. Depending on the area of concentration, these courses must include:

Epidemiology:
EPI 504 Computer Applications in Epidemiology
and at least one 600 level Epidemiology courses

or Two 600 level Epidemiology courses

Environmental Health and Toxicology:
Two of the following three courses:
EHT 520 Principles of Environmental Chemistry
EHT 530 Principles of Toxicology
EHT 540 Principles of Radiation Science

Biomedical Sciences:
BMS 601a or b Introdution to Biomedical Science
BMS 504a or b Comprehensive Biochemistry
BIO 504 Cell Biology

Biometry and Statistics:
STA 558 Data Analysis

Health Policy and Management, Family and Community Health
HPM 541 Financing, Organization and Delivery of Health Care
HPM 627 Social and Behavioral Interventions in Public Health Practice

Health Policy and Management, Health Systems:
HPM 541 Financing, Organization and Delivery of Health Care

C. Internships (12-24 credits)

Students with no public health experience will take a minimum of twelve months of rotations through public health programs, usually structured as four rotations of three months duration each. Depending on previous public health experience, up to two of these rotations may be waived.

D. Doctoral Project (18 credits)

Each student will choose a doctoral project which will consist of an extended rotation of nine months duration minimum in a public health program and will include the writing of a professional dissertation.

E. In addition to these requirements, students will be required to attend a colloquium series. The series will have several components, including reports by M.P.H. and Dr.P.H. students on their internships, and presentations by state officials and by outside scholars on current public health issues.

School of Public Health
Doctor of Public Health Program

Proposed HEGIS code: 1214
Other programs offered in same HEGIS category: M.P.H.
Proposed Starting Date: September 1994

A. Introduction:

The mission of public health is "to fulfill society's interest in assuring conditions in which people can be healthy," as defined by the Institute of Medicine's Committee on the Future of Public Health.(1) Practitioners of public health are concerned with primary and secondary determinants of disease, dysfunction and premature death, and the planning and organization of health services including health education and regulation. Public health is therefore not a single profession but a field of endeavors involving the efforts of many groups and specialties: epidemiologists, statisticians, environmentalists, economists, nutritionists, administrators, physicians, engineers, laboratory scientists, educators, etc. These groups are united by the responsibility to improve the health of the community by means of changing individual behaviors, improving governmental actions to protect the individual and the environment, and by organized community effort whereby people help themselves to achieve better health. It is the responsibility of schools of public health to ensure that students acquire not only the needed specific skills but also the concept of how they work together, and how the profession of public health is practiced.

The field of public health is facing great challenges in this era of AIDS, environmental crises, spiraling medical care costs, and the aging of our population with its increasing demand for health services. There is a great need for broadly educated public health practitioners who understand the political, ethical and economic, as well as the medical, statistical and scientific issues involved in addressing these problems. The Doctor of Public Health (Dr.P.H.) degree is designed to prepare individuals for the practice of the profession of public health in its broadest context.

According to the Institute of Medicine Report, state government bears the primary responsibility to see that the mission of public health is adequately addressed. The School of Public Health of the University at Albany, because of its intimate relationship with the New York State Department of Health, is uniquely situated to provide the firm links between theory and practice called for in the IOM report. Many of the School's faculty practice public health in the Department of Health or conduct research there, and students will be trained by dealing with real, ongoing public health problems and programs.

(1) The Future of Public Health; Committee for the Study of the Future of Public Health, Institute of Medicine; National Academy Press, Washington, D.C.,1988.

The program leading to the Dr.P.H. is an interdepartmental program of professional education in public health. A graduate with a Dr.P.H. degree will be expected to have broad and comprehensive knowledge of the basic areas of public health:

1. Biological, physical and chemical factors that affect the health of communities.
2. Distribution of diseases or conditions in populations, and factors that affect this distribution.
3. Concepts and methods of relevant social and behavioral sciences.
4. Collection, storage, retrieval, analysis and interpretation of health data.
5. Planning, policy analysis and administration of health programs.

Dr.P.H. graduates will also be required to have special proficiency in one of the specialties of public health and to have had experience in applying their knowledge to the solution of actual public health problems.

The Dr.P.H. degree represents an extension of the Master's of Public Health (M.P.H.) both in breadth and depth of subject matter covered and practical experience in public health practice. Students may enter the Dr.P.H. program after completion of the M.P.H. Alternatively students may be admitted directly into the Dr.P.H. program. Implementation of the Dr.P.H. program will not strain institutional resources, either financial or academic, because of the small number of students expected to enroll and because supervision of these students will be almost exclusively the responsibility of Department of Health faculty.

B. General Program Overview:

The School offers two types of degree programs: the academic degrees, Master of Science (M.S.) and Doctor of Philosophy (Ph.D.), and the professional degrees, M.P.H. and Dr.P.H. These two types of degree programs are complementary, drawing on many of the same courses but with different emphasis.

The academic degrees provide students with the concentrated training to allow them to become expert in one specialized area of public health. These programs, especially at the doctoral level, are designed to train students in research methods aimed at the discovery of new knowledge in disciplines related to public health. The academic degrees are awarded in five departments: Biomedical Sciences, Environmental Health and Toxicology, Epidemiology, Biometry and Statistics, and Health Policy and Management, which includes the social and behavioral sciences.

In contrast, the professional degrees are designed to provide students with a much broader exposure to the practice of the profession of public health. The focus of the M.P.H. and Dr.P.H. programs is on applying existing knowledge and approaches to public health problems. Like the M.P.H., the Dr.P.H. program is interdepartmental. Students are admitted to the program rather than into one specific department. Every student takes

at least some coursework in each of the five departments, providing the breadth of knowledge necessary for an understanding of public health. They choose a field of concentration which corresponds to one department or one track in a department by taking several required and elective courses in that field of study. The curriculum is planned on an individual basis, depending on the student's interests and needs, previous experience and future career goals, the departmental requirements and the nature of the internship rotations the student expects to take.

The highlight of the program is the practical experience provided by a series of internship rotations through areas of public health as practiced in state government or other health-related organizations. This gives students the opportunity to observe and participate in the application of their theoretical knowledge in a practical setting. Each student is expected to do at least four internships, each of three months duration, in at least three different fields of public health, unless the student has previous field experience of comparable value. The culminating experience is an extended internship, lasting at least nine months in the final year of the program, which will serve as the doctoral project and is to be taken in the field of concentration. A professional dissertation is required at the end of this experience. This paper is to be a sophisticated independent analysis of a significant problem in the field of public health and it should be of publishable quality.

The purpose of the internship rotations is to provide students with practical experience relevant to the practice of public health in its broadest definition. The dissertation provides students with experience in analyzing and writing about a problem area and in presenting the results orally to a group of peers, skills required in the practice of public health.

C. Administration of Program:

The Dr.P.H. program, like the M.P.H., is an interdepartmental program administered by the Dean's Office under the supervision of the Director of Professional Education. The Director of Professional Education is a senior faculty member, holding primary appointment in one of the five academic departments, who provides oversight and leadership of the program and acts as Chair of the Steering Committee. The interdepartmental Steering Committee, consisting of one representative of each of the academic departments appointed by the Dean in consultation with the Chairs, assures coordination between the graduate and the professional education programs. The Steering Committee has the responsibility to ensure the quality of the program and its consistency with the changing needs of the field of Public Health. The Steering Committee oversees all aspects of the program including curriculum, admissions, waivers of courses and internships, student advisement, assignment and evaluation of internships, and evaluation of exit competency of students. The Steering Committee may establish other subcommittees to assume responsibility for some of these tasks. Each of these subcommittees will include at least one representative from each Department.

D. Admission Requirements:

Applicants to the Dr.P.H. program are expected to satisfy the following requirements for admission:

1. Hold a bachelor's degree from a college or university of recognized standing. Applications from individuals with graduate education and/or work experience in a field relevant to public health are especially encouraged.

2. No specific major is required, but students will be expected to have educational background sufficient to take School of Public Health courses in the five areas identified above as basic to public health. The applicant would normally be expected to have successfully completed at minimum one undergraduate course each in mathematics, biology, chemistry and social science. Students planning to specialize in one area of public health should meet the requirements for admission into the graduate academic degree programs in that department. Under special circumstances students lacking adequate preparation may be admitted to the program and will be advised at the time of admission on how to remedy any deficiencies.

3. Have a B undergraduate average or other evidence of strong academic achievement and scholarship, such as having a graduate degree, high grades in graduate courses, or published articles in peer-reviewed journals.

4. Provide three letters of recommendation from academic advisors or other faculty members familiar with the applicant. For candidates whose academic record predates the application by five years or more, letters of recommendation may be submitted by supervisors.

5. Submit official scores of the Graduate Record Examination or Medical College Aptitude Test. This requirement may be waived only on recommendation of the admissions committee. Applicants whose native language is not English are required to submit a score on the Test of English as a Foreign Language or equivalent, in accordance with University requirements.

E. Program of Study and Field Work:

The program leading to the Dr.P.H. degree requires a minimum of 48 graduate credits of course work and 12 to 24 credits of internship rotations, depending on previous public health experience. In addition, the student will undertake a doctoral project of at least 9 months of an extended internship, worth at least 18 credits. Students with a Bachelor's degree and no graduate education or experience in the field will require at least three and a half to four years of full-time work to complete the program. For students with prior public health experience, up to twelve

credits of internship may be waived with the permission of the Steering Committee, as described below in this section; but all students must complete at least 12 credits of internship in addition to the doctoral project.

Applicants for admission to the Dr.P.H. program who hold an M.P.H. degree from another institution, or who have an M.D. or other advanced degree in a health-related field, or who have completed graduate courses elsewhere may apply for admission with advanced standing and be allowed a maximum of 24 credits for courses applicable to the Dr.P.H. At least 36 graduate credits, including two internships but not including the doctoral project, must be completed in residence at this University.

Part-time study is permitted. Students must carry at least three credits per semester, however, and be continuously registered. In accordance with University policy, all students must spend two semesters in full-time study, but these need not be continuous. Degree requirements must be completed within eight years of initial registration in the program.

Students must choose an area of concentration by the time they have completed the core courses. Full-time students will normally be expected to make this choice by the end of their first year.

Required basic core courses consist of:

1) EPI 501, 502 Principles and Methods of Epidemiology I, II (6)

2) STA 552, 553 Principles of Statistical Inference I,II (6)
   or STA 554, 555 Introduction to the Theory of Statistics I,II (6)

3) HPM 501 Health Policy Analysis and Management (3)

4) Epi 503 Principles of Public Health (3)

5) BMS 505 Biological Basis of Public Health (3)

6) EHT 590 Introduction to Environmental Health (3)

7) HPM 525 Social & Behavioral Aspects of Public Health (3)

8) HPM 641 Organization and Management in Health Institutions (3)

9) Students are required to take six additional courses (18 credits), four in the area of concentration and two other electives. Depending on area of concentration, these courses must include:

   Epidemiology:

   Epi 504 Computer Applications in Epidemiology
   and at least one 600 level Epidemiology courses

   ~~or Two 600 level Epidemiology courses~~

Environmental Health and Toxicology:

Two of the following three courses:
EHT 520 Principles of Environmental Chemistry
EHT 530 Principles of Toxicology
EHT 540 Principles of Radiation Science

Biomedical Sciences:

BMS 601a or b Introduction to Biomedical Science
BMS 504a or b Comprehensive Biochemistry (or by equivalency and waiver)
BIO 504 Cell Biology (or AMC Cell Biology Course or by equivalency and waiver)

Biometry and Statistics

STA 558 Data Analysis

Health Policy and Management, Family and Community Health:

HPM 541 Financing, Organization and Delivery of Health Care
HPM 627 Social and Behavioral Interventions in Public Health Practice

Health Policy and Management, Health Systems:

HPM 541 Financing, Organization and Delivery of Health Care

10) Internships: Students with no public health experience will take a minimum of twelve months of rotations through public health through public health programs, usually structured as four rotations of three months duration each. (24)

11) Doctoral project: Each student will choose a doctoral project which will consist of an extended rotation of nine months duration minimum in a public health program and will include the writing of a professional dissertation. (18)

Internship rotations may be full-time for 12 weeks (six credits) or part-time at 20 hours per week for 24 weeks (six credits). Two of these rotations may be in the student's field of concentration and each of the other two must be in a different area of public health, so that students will gain experience in at least three fields of concentration. The goals and objectives of each internship will be agreed upon in advance through a written agreement signed by the student, his or her advisor, and the mentor in the host organization. The student's progress in the internship will be monitored and measured by the intern, the faculty advisor and the mentor based on the predefined goals. At the conclusion of each internship the student will be required to prepare a written report for the mentor, the Director of Professional Education and the Steering Committee and to make an oral presentation in the student colloquium series. A listing of currently

available internships and sites for doctoral projects is attached. The student is allowed to arrange an internship with other organizations, if desired, but consultation and the written agreement with the faculty advisor, the Director of Professional Programs, and the Steering Committee is required before the beginning of the internship. Waivers of one or two internships may be granted by the Steering Committee on the basis of prior public health experience. Because four distinct experiences working in public health are required for all graduates of the Dr.P.H. program, each internship waiver must be based on a distinct public health experience.

In addition to these requirements, students will also be expected to attend the student colloquium series. The series will have several components, including reports by M.P.H. and Dr.P.H. students on their internships, and presentations by State officials and by outside scholars describing current public health issues.

F. Admission to Candidacy:

A student will be admitted to candidacy for the degree of Doctor of Public Health upon completion of the following:

1. Completion of required courses and internship rotations with a satisfactory record (B average).
2. Completion of University residence requirements.
3. Successful completion of the preliminary and qualifying examinations.
4. Satisfactory completion of the research tool requirement.

Upon completion of the core courses, each student will be required to pass a written preliminary examination. This examination will test the student's knowledge of the basic areas of public health and ability to integrate that knowledge from the different areas in attempting to solve public health problems. Students will normally take the preliminary examination by the end of two years of full-time study. If a student fails to pass the examination, he/she may attempt it again only once. All students must pass this examination by the time they have completed two of the four internship rotations.

All students must take an oral qualifying examination before beginning the doctoral project. The examination will consist of a presentation by the student of the planned doctoral project to his/her doctoral committee, with questioning by the committee to ascertain that the student has an understanding of the area of concentration adequate to conduct the project.

Demonstration of competence in utilization of computers, for public health practice or in quantitative and statistical techniques, will constitute the research tool requirement.

G. Doctoral Project and Dissertation:

The doctoral project will consist of an investigation of a problem of significance in the student's area of concentration. While the doctoral

project does not require the collection of new data, it must demonstrate that the candidate is capable of sophisticated independent analysis of a significant problem in the field of public health. The project will require at least nine months of full-time work and may take longer. Under normal circumstances, students will be expected to complete the project and the dissertation within a year of passing the qualifying examination.

At the time when the student chooses his/her doctoral project, by the end of the third year of study for full time students, a Doctoral Committee will be formed. This Committee will have at least three members, including the doctoral project mentor. Membership of the Doctoral Committee will be agreed upon by the student together with the faculty advisor and must be approved by the Director of Professional Education and the Dr.P.H. Steering Committee. The Chair of the Doctoral Committee must have an unqualified faculty appointment in the department of the student's field of concentration. All members should have experience in research and/or public health practice commensurate with what the School expects of doctoral graduates.

The dissertation will be a report on the doctoral project and must be of professional quality as judged by the Doctoral Committee. The dissertation will be expected to consist of a statement of the public health problem addressed, the action steps taken to address this problem, an objective evaluation of the successes or failures in achieving these goals and recommendations for further actions to be taken. The student will be expected to present the results of the doctoral project before the Doctoral Committee in a public presentation open to members of the academic community.

H. Typical Programs of Study:
(Lists and descriptions of appropriate electives in the various areas of concentration are attached.)

First Year

Fall Semester:	Credits
1) EPI 501 Principles and Methods of Epidemiology I	3
2) STA 552 Principles of Statistical Inference I	3
3) HPM 501 Health Policy Analysis and Management	3
3) BMS 505 Biological Basis of Public Health	3
Semester Total	12

Spring Semester:	
1) EPI 502 Principles and Methods of Epidemiology II	3
2) STA 553 Principles of Statistical Inference II	3
3) EPI 503 Principles of Public Health	3
4) HPM 525 Social & Behavioral Aspects of Public Health	3
Semester Total	12

Summer Semester:	
SPH 690 Internship Rotation for 3 months	6

Second Year

Fall Semester:	
1) EHT 590 Introduction to Environmental Health	3
2) Course in Area of Concentration	3
3) Course in Area of Concentration	3
4) Elective, not in Area of Concentration	3
Semester Total	12

Spring Semester:

1) HPM 641 Organization & Management in Health Institutions	3
2) Course in Area of Concentration	3
3) Course in Area of Concentration	3
4) Elective, not in Area of Concentration	3
Semester Total	12

Summer Semester:

SPH 690 Internship Rotation for 3 months	6

Third Year:

1) SPH 690 Internship Rotation for 3 months	6
2) SPH 690 Internship Rotation for 3 months	6
Year Total	12

Fourth Year (beginning in spring or summer):

SPH 899 Doctoral Project, minimum 9 months	18
Total credits:	90

I. Courses to be Taught in the First Three Years of the Program:

All courses except for the internships are to be offered within existing departments. All core courses are currently being taught annually. Attached are course lists for Departments of Health Policy and Management, Epidemiology, Biometry and Statistics, Biomedical Sciences, and Environmental Health and Toxicology. These courses can be taken by Dr.P.H. students who have prerequisite preparation.

J. Procedures for Academic Advising, Supervision and Evaluation of Student Progress:

Upon admission into the program, each student will be assigned a faculty advisor who will be a member of the department of the student's area of concentration. The advisor will assist the student in making course selections and assure that he/she is following the appropriate program of study for the area of specialization. At the beginning of the second year, by which time the student must have selected an area of concentration, each student will be encouraged to reevaluate the choice of advisor and may request another faculty advisor who may more appropriately meet the student's needs and interests. The Director of Professional Education and

the faculty advisor will help the student choose internships and relate the internships to the academic requirements of the program.

Students should begin planning their internships when they enter the program. Files of information have been established in the Dean's Office of organizations willing to sponsor and work with interns. Students will be encouraged to use these files to familiarize themselves with the various organizations' primary focus and the internship opportunities which are available. After the student becomes familiar with the internship options and choices are narrowed to several places, the student should meet with the academic advisor and the internship mentor to discuss available opportunities within the organization.

When the student makes his/her choice for an internship, he/she will prepare a brief proposal outlining goals and objectives for the internship. The student, faculty advisor and internship mentor will meet to discuss and refine the internship goals document based on both the student's interests and goals taking into consideration the experience and skills of the student, the length of the internship and the needs of the organization. This will be formalized in the form of an internship agreement, which must be signed by the student, faculty advisor and mentor and filed with the Director of Professional Education.

To help monitor the progress of the student and the value of the internship, students will be required to make a brief written report on the internship to the advisor and the Director of Professional Education midway through the internship. In addition, either the faculty advisor or the Director will make one or more site visits to discuss progress with both the student and the mentor. At the end of the internship, mentors will grade the student and provide a written evaluation based on his/her meeting the goals and objectives of the internship contract. Students will be required to produce a paper and an oral presentation before a student colloquium reporting on activities during the internship and relating those activities to broader public health issues.

K. Employment/Placement Service:

The School of Public Health will actively pursue and develop relationships with public and private organizations in an effort to provide placement opportunities for all graduates. Already, notices and announcements of available positions appropriate for Dr.P.H. graduates are being received and posted. The Director of Professional Education will assist all students in their efforts to locate suitable positions in the field of public health in New York State, in Washington D.C., at the Centers for Disease Control and other parts of the nation. It is assumed that many students will make useful contacts for permanent employment during their internships. Faculty will be encouraged to consider students as potential employees and to inform their colleagues in other parts of the country of the special qualifications of the graduates of this program.

L. Resources and Support Programs Available to Students:

The School of Public Health's setting within the Department of Health provides students a view of public health in action. Actual public health problems and programs serve as teaching examples for faculty lectures and as student laboratories for learning about the practice of public health.

Students will have opportunities for internships anywhere in the Department of Health in Albany, including the Center for Community Health, the Center for Environmental Health, the Wadsworth Center for Laboratories and Research, the Division of Planning, Policy and Resource Development, the Division of Legal Affairs, the Public Affairs Group, the Division of Health Care Financing, the Division of Health Care Standards and Surveillance, and the Division of Health Facility Planning, as well as in regional offices and county and local health departments. Other state agencies that are expected to become involved in the program are the Department of Social Services, the Office of Mental Retardation and Developmental Disabilities, the Office for the Aging, and the Department of Environmental Conservation. The Legislature and the Governor's office may also offer field placement opportunities. The presence in the Capital District of the headquarters of several health insurers and health maintenance organizations and health-related trade associations also provides opportunities for studying real health policy issues. The Albany Medical Center is also closely affiliated with the School, and will provide opportunities for students in the College and the Hospital as well as other health care facilities. (See attached list of internships already arranged.)

The resources of the University Libraries, including the Graduate Library of Public Affairs and Policy, together with the Department of Health's library and computerized information systems and the library of the Albany Medical College provide ample support for the proposed program. The reference services of the New York State Library are also readily accessible to the School.

Students of public health may also have access, as appropriate, to the computer resources and numerous data bases of the Department of Health for internships and doctoral projects.

M. Faculty to be Appointed:

A senior faculty member has been recruited as Director of Professional Education, with responsibility for coordination of the M.P.H./Dr.P.H. Program. No other appointments are foreseen as necessary for this program. Since the Dr.P.H. Program is an interdepartmental program, the faculty available includes all individuals with appointments in the five academic departments of the School. Certain faculty have particularly important roles in this program; these include the members of the interdepartmental Steering Committee, the primary instructors of the core courses and instructors of key electives in the different tracks. Lists of the faculty of the five departments are attached, together with curricula vitae of those individuals expected to be particularly involved in the program.

N. Students:

It is expected that at least half of the students will be from the Albany area and elsewhere in New York State and the remaining half from other states and countries. Because this program is more focused on practical experience in public health than any other in the nation, it is anticipated that it will be of particular interest nationally and internationally, and this will be reflected in the character of the student body. Women will make up approximately half of the student population. Minority participation in the program will be encouraged, and minority students will be actively recruited. Such recruiting efforts are under way in existing departments of the School and through the Dean's Office. Efforts will be made to recruit students from developing countries.

Some of the students will be part-time and employed in the Albany area, many in public health related positions.

O. Provisions for Regular Program Review:

The University's Graduate Academic Council reviews all doctoral programs in a continuous review cycle of five to seven years. As the key component of these reviews, at least two distinguished evaluators from renowned disciplinary research universities come to campus for a minimum two-day visit and submit a detailed written report to the Graduate Academic Council and Vice President for Research and Dean of Graduate Studeis. The Graduate Academic Council sends a formal report of each reviewed program to the Vice President for Academic Affairs, citing strengths, weaknesses, and recommendations for future development.

Graduate programs in the Albany School of Public Health also undergo a rigorous external evaluation approximately every five years from the Council on Education for Public Health, the national accrediting association of schools of public health. The School underwent such a review in October 1992.

Additionally, the doctoral program in public health will be monitored internally on an annual basis by a faculty/student committee of the School in order to respond formally and expeditiously to immediate opportunities and problems.

2/25/93

Institution University @ Albany Date 2/93

Program Doctor of Public Health Degree Dr.P.H.

Table 1

Data on Faculty Members Directly Associated with the Proposed Doctoral Program

Name	FT/PT	Dept	% Time to Doctoral Program	Sex M/F	R/E	Articles in Refereed Journals 87-92	Dissertation Load 1991-92 Comm	Dissertation Load 1991-92 Chr	No. Advisees 1991 - 1992 Doc	No. Advisees 1991 - 1992 Mstrs	Classes Taught 1991 - 1992 GR	Classes Taught 1991 - 1992 UG
PROFESSOR:												
John Conway PhD, MPH	F	EHT	50	M	W	12			0	24	4	0
Dan Beauchamp PhD	F	HPM	25	M	W	8(+1book)			0	4	2	0
Edward Hannan PhD	F	HPM	25	M	W	13			0	2	2	0
Lloyd Novick MD,MPH	P	EPI	25	M	W	20			0	2	1	0
Laurence Kaminsky PhD	P	EHT	25	M	W	29		2	2	0	2	0
Howard Stratton PhD	F	STA	25	M	W	9		2	2	0	6	0
John Galivan PhD	P	BMS	25	M	W	33		1	1	0	2	0
Joe Sedransk PhD	F	STA	25	M	W	11		2	2	0	3	0
David Martin PhD	P	EHT	10	M	W	23		2	2	0	0	0
Lawrence Sturman MD,PhD	P	BMS	10	M	W	3			0	0	0	0
David Carpenter MD	F	BMS,EHT	10	M	W	45					0	0
Kenneth Jackson PhD	P	EHT	10	M	W	19		1	1	0	1	0
ASSOCIATE PROFESSOR:												
Susan Standfast MD,MPH	P	EPI	25	F	W	11			0	1	2	0
David Strogatz PhD	F	EPI	25	M	W	19			0	4	4	0
Lloyd Lininger PhD	F	STA	25	M	W	9			8	10	6	0
Carmen Mannella PhD	P	BMS	25	M	W	19		2	2	1	4	0

Racial/Ethnic Groups - Black (B), White (W), Hispanic (H), Native American Indian/Alaskan Native (N), Asian/Pacific Islander (A), Foreign (F)

Institution University @ Albany Date 2/93

Program Doctor of Public Health Degree Dr.P.H.

Table 1
Data on Faculty Members Directly Associated with the Proposed Doctoral Program

Name	FT/PT	Dept	% Time to Doctoral Program	Sex M/F	R/E *	Articles in Refereed Journals 87-92	Dissertation Load 1991-92 Comm	Dissertation Load 1991-92 Chr	No. Advisees 1991 - 1992 Doc	No. Advisees 1991 - 1992 Mstrs	Classes Taught 1991 - 1992 GR	Classes Taught 1991 - 1992 UG
William Stasiuk PhD	P	EHT	25	M	W	0			0	1	2	0
Janet Perloff PhD	P	HPM	25	F	W	10(+1book)		3	3	2	2	0
Kenneth Aldous PhD	P	EHT	25	M	W	13		2	2	0	1	0
Nancy Kim PhD	P	EHT	25	F	W	2		3	3	1	1	0
John Mendeloff PhD	F	HPM	25	M	W	7(+1book)		0	0	5	2	0
Janet Keithly PhD	P	BMS	25	F	W	16			0	0	2	0
Thomas Carter PhD	P	HPM	10	M	W	0			0	0	0	0
Philip Nasca PhD	P	EPI	10	M	W	33			0	1	0	0
ASSISTANT PROFESSOR:												
Kelley Brix MD,MPH	P	EPI,EHT	25	F	W	9			0	4	1	0
Guthrie Birkhead MD,MPH	P	EPI	25	M	W	18			0	3	2	0
Kenneth Pass PhD	P	BMS	25	M	W	4			0	0	0	0
David Momrow MPH	P	HPM	25	M	W	0			0	1	0	0
Gene Therriault MPH	P	STA	25	M	W	0			0	0	0	0
Patrick O'Keefe PhD	P	EHT	25	M	W	9		1	1	1	0	0
George DiFerdinando MD,MPH	P	EPI	25	M	W	9			0	1	1	0
Barry Sherman PhD	P	HPM	25	M	W	7			0	0	1	0
Michelle van Ryn PhD	P	HPM	25	F	W	7			0	4	3	0

*Racial/Ethnic Groups - Black (B), White (W), Hispanic (H), Native American Indian/Alaskan Native (N), Asian/Pacific Islander (A), Foreign (F)

Institution University @ Albany Date 2/93

Program Doctor of Public Health Degree Dr.P.H

Table 1
Data on Faculty Members Directly Associated with the Proposed Doctoral Program

Name	FT/PT	Dept	% Time to Doctoral Program	Sex M/F	R/E *	Articles in Refereed Journals 87-92	Dissertation Load 1991-92 Comm	Dissertation Load 1991-92 Chr	No. Advisees 1991 - 1992 Doc	No. Advisees 1991 - 1992 Mstrs	Classes Taught 1991 - 1992 GR	Classes Taught 1991 - 1992 UG
William Tivol PhD	P	EHT	25	M	W	7			0	0	1	0

*Racial/Ethinic Groups - Black (B), White (W), Hispanic (H), Native American Indian/Alaskan Native (N), Asian/Pacific Islander (A), Foreign (F)

Institution University at Albany Date 2/93
Program Doctor of Public Health Degree Dr.P.H.

Table 3

PROJECTED STAFF FOR THE PROPOSED PROGRAM

FACULTY	1994-95	1995-96	1996-97	1997-98	1998-99
01. Full-Time	6	6	6	6	6
02. Existing	6	6	6	6	6
03. New	0	0	0	0	0
04. Part-Time	21	21	21	21	21
05. Existing	21	21	21	21	21
06. New	0	0	0	0	0
07. Full-Time Equivalents	11.25	11.25	11.25	11.25	11.25
08. Existing FTE	11.25	11.25	11.25	11.25	11.25
09. New FTE	0	0	0	0	0

NOTE: The majority of faculty to be involved in the Dr.P.H. program are employees of the Department of Health. It is estimated that these faculty contribute 0.25 FTE each to the School of Public health. Faculty listed are those expected to be most involved with the Dr.P.H. program. All 200 faculty of the School are potentially available to Dr.P.H. students.

Institution University at Albany Date 2/93
Program Doctor of Public Health Degree Dr.P.H.

Table 3 continued

Administrative Staff	1994-95	1995-96	1996-97	1997-98	1998-99
10. Full-Time	1	1	1	1	1
11. Part-Time	0	0	0	0	0
12. Full-time Equivalents	1	1	1	1	1
13. Existing FTE	1	1	1	1	1
14. New FTE	0	0	0	0	0
Support Staff					
15. Full-Time	0	1	1	1	1
16. Part-Time	1	0	0	0	0
17. Full-Time Equivalents	.5	1	1	1	1
18. Existing FTE	.5	1	1	1	1
19. New FTE	0	0	0	0	0

Institution University at Albany Date 2/93
Program Doctor of Public Health Degree Dr.P.H.

Table 4
STUDENT CHARACTERISTICS

A. Anticipated Geographic Origin of Students in the Proposed Program.

Indicate the percent from:	Full-Time	Part-time
01. County in which the Program will be offered.	20	75
02. Remainder of Regents Post-secondary Region in which the Program will be offered.	10	15
03. Remainder of New York State	35	10
04. Other State	25	0
05. Foreign	10	0
06. TOTAL	100%	100%

B. Anticipated Racial/Ethnic Characteristics of Full-Time and Part-Time Students in the Proposed Program.

	Percent
07. Nonresident	10
08. Black Non-Hispanic	5
09. American Indian or Alaskan Native	5
10. Asian or Pacific Islander	5
11. Hispanic	5
12. White, Non-Hispanic	70
13. TOTAL	100%

Institution University at Albany Date 2/93
Program Doctor of Public Health Degree Dr.P.H.

TABLE 5
PROJECTED ENROLLMENT IN THE PROPOSED PROGRAM

Part A	1994-95	1995-96	1996-97	1997-98	1998-99
STUDENTS:					
01. Full-Time	2	3	5	7	10
02. Part-Time	2	3	4	5	7
03. Total	4	6	9	12	17
04. Full-Time equivalents	3	4.5	7	9.5	13.5
05. Existing FTE	1	2	3	4.5	5
06. New FTE	2	2.5	4	5	8

Part B

ULTIMATE ENROLLMENT GOAL FOR THE PROPOSED PROGRAM
ACADEMIC YEAR: 1998-99

07. Full-Time Students	10
08. Part-Time Students	7
09. Total	17
10. Full-Time Equivalent	13.5

Assume part-time students are 0.5 FTE

It is estimated that approximately 10% of MPH students will wish to continue on toward the Dr.P.H. Once the new program is approved, entering students may enroll directly in Dr.P.H. rather than MPH.

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Program Doctor of Public Health Degree Dr.P.H.

TABLE 6

PROJECTED CAPITAL EXPENDITURES FOR THE PROPOSED PROGRAM

	1994-95	1995-96	1996-97	1997-98	1998-99
01. Capital Facilities	0	0	0	0	0
02. Equipment (Capital Expenditures)	0	0	0	0	0
03. Total Capital Expenditures	0	0	0	0	0

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Program Doctor of Public Health Degree Dr.P.H.

TABLE 7

PROJECTED EXPENDITURES FOR THE PROPOSED PROGRAM

	1994-95	1995-96	1996-97	1997-98	1998-99
Faculty:					
01. From Existing Resources	0	0	0	0	0
02. From New Resources	0	0	0	0	0
03. Total	0	0	0	0	0
Administrative Staff:					
04. From Existing Resources	0	0	0	0	0
05. From New Resources	0	0	0	0	0
06. Total	0	0	0	0	0
Clerical Staff:					
07. From Existing Resources	0	0	0	0	0
08. From New Resources	0	0	0	0	0
09. Total	0	0	0	0	0
Student Support:					
10. From Existing Resources	9,500	19,000	19,000	19,000	19,000
11. From New Resources	9,500	9,500	19,000	28,500	28,500
12. Total	19,000	28,500	38,000	47,500	47,500
Facilities:					
13. From Existing Resources	0	0	0	0	0
14. From New Resources	0	0	0	0	0
15. Total	0	0	0	0	0

Insitution University at Albany Date 2/93
Program Doctor of Public Health Degree Dr.P.H.

TABLE 8

PROJECTED EXPENDITURES FOR THE PROPOSED PROGRAM
IN OTHER DEPARTMENTS

	1994-95	1995-96	1996-97	1997-98	1998-99
Faculty New Resources	0	0	0	0	0
Equipment New Resources	0	0	0	0	0
Other New Resources	0	0	0	0	0
Total (Other Departments) New Resources	0	0	0	0	0

Institution University at Albany Date 2/93
Program Doctor of Public Health Degree Dr.P.H

TABLE 9
PROJECTED REVENUE RELATED TO THE PROPOSED PROGRAM

	1994-95	1995-96	1996-97	1997-98	1998-99
Tuition Revenue:					
01. From Existing Sources	2,016	2,016	4,032	6,048	6,048
02. From New Sources	2,016	4,032	11,348	18,664	44,644
03. Total	4,032	6,048	15,380	24,712	50,692
State Revenue:					
04. From Existing Sources	0	0	0	0	0
05. From New Sources	0	0	0	0	0
06. Total	0	0	0	0	0
Other Revenue:					
07. From Existing Sources	0	0	0	0	0
08. From New Sources	0	10,000	30,000	50.000	65,000
09. Total	0	10,000	30,000	50,000	65,000
Grand Total:					
10. From Existing Sources	2,016	2,016	4,032	6,048	6,048
11. From New Sources	2,016	14,032	41,348	68,664	109,644
12. TOTAL	4,032	16,048	45,380	74,712	115,692

-Inflation rate used is zero.
-Assume part-time students will pay tuition, full-time students not suported on assistantships will pay their own tuition or have tuition paid by grants.
-When the School receives accreditation by the Council of Education for Public Health, expected later in 1993, it will be eligible to apply for training funds from the Bureau of Health Professions. While the Dr.P.H. is not required to apply for these funds, it will make the School more competitive.

FACULTY FOR THE DR.P.H. PROGRAM

Since the Dr.P.H. Program is an interdepartmental program, the faculty available includes all individuals with appointment in the five academic departments of the School. Lists of faculty in these departments are attached. Certain faculty have particularly important roles in this program, and these include the members of the interdepartmental Steering Committee, the primary instructors of the core courses and instructors of certain of the electives in the different tracks. Vita of these individuals are attached.

The University at Albany
State University of New York
School of Public Health
M.S. and Ph.D. Programs in Biomedical Sciences

Lawrence Sturman, M.D., Ph.D., Chairman
Carmen H. Mannella, Ph.D., Associate Chairman

Name	Affiliation	Ranking
Program: Biochemistry, Molecular Biology and Genetics		
Corrado Baglioni, M.D.	SUNYA	Adjunct Professor
John A. Galivan, Ph.D.	DOH	Professor
Frank Maley, Ph.D.	DOH	Professor
Gladys Maley, Ph.D.	DOH	Adjunct Professor
Harry Taber, Ph.D.	AMC	Professor
Robert B. Trimble, Ph.D.	DOH	Professor
Marlene Belfort, Ph.D.	DOH	Professor
Charles Lawrence, Ph.D.	DOH	Assoc. Prof.
Gerald J. Mizejewski, Ph.D.	DOH	Adjunct Assoc. Prof.
David Shub, Ph.D.	SUNYA	Assoc. Prof.
Ann Willey, Ph.D.	DOH	Assoc. Prof.
Ronald L. Bellisario, Ph.D.	DOH	Adjunct Asst. Prof.
Katherine Henrikson, Ph.D.	DOH	Asst. Prof.
Patricia Davis Murphy, Ph.D.	DOH	Asst. Prof.
Kenneth Pass, Ph.D.	DOH	Asst. Prof.
Brian T. Pentecost, Ph.D.	DOH	Asst. Prof.
Antonia Piccini, Ph.D.	DOH	Asst. Prof.
Program: Cell and Molecular Structure		
Joachim Frank, Ph.D.	DOH	Professor
Gordon I. Kaye, Ph.D.	AMC	Adjunct Professor
Robert MacColl, Ph.D.	DOH	Professor
Donald F. Parsons, D.Sc., M.D.	DOH	Adjunct Professor
Charles Scholes, Ph.D.	SUNYA	Professor
Chang-Hwei Chen, Ph.D.	DOH	Assoc. Prof.
Colin Izzard, Ph.D.	SUNYA	Adjunct Assoc. Prof.
Jane F. Koretz, Ph.D.	RPI	Adjunct Assoc. Prof.
Carmen H. Mannella, Ph.D.	DOH	Assoc. Prof.
Michael Radermacher, Ph.D.	DOH	Assoc. Prof.
Conly L. Rieder, Ph.D.	DOH	Assoc. Prof.
Ira F. Salkin, Ph.D.	DOH	Adjunct Assoc. Prof.
Rami Almog, Ph.D.	DOH	Adjunct Asst. Prof.
Samuel S. Bowser, Ph.D.	DOH	Asst. Prof.
William Samsonoff, Ph.D.	DOH	Asst. Prof.
James Turner, Ph.D.	DOH	Asst. Prof.
Terence Wagenknecht, Ph.D.	DOH	Asst. Prof.

Name	Affiliation	Ranking
Program: Immunobiology and Immunochemistry		
Lorraine Flaherty, Ph.D.	DOH	Professor
David A. Lawrence, Ph.D.	AMC	Professor
Alberto J. L. Macario, M.D.	DOH	Professor
Sharad G. Joshi, Ph.D.	AMH	Research Prof.
James Bennett, Ph.D.	AMC	Adjunct Assoc. Prof.
Everly Conway de Macario, Ph.D.	DOH	Assoc. Prof.
James A. Dias, Ph.D.	DOH	Assoc. Prof.
Roy W. Stevens, Ph.D.	DOH	Adjunct Assoc. Prof.
Arlene Ramsingh, Ph.D.	DOH	Asst. Prof.
Program: Molecular Pathogenesis		
John E. Kaplan, Ph.D.	AMC	Professor
Asrar Malik, Ph.D.	AMC	Adjunct Professor
James J. McSharry, Ph.D.	AMC	Professor
Enzo Paoletti, Ph.D.	DOH	Research Professor
Lawrence Sturman, M.D., Ph.D.	DOH	Professor
Nando K. Chatterjee, Ph.D.	DOH	Assoc. Prof.
John W. Fenton, Ph.D.	DOH	Adjunct Assoc. Prof.
Leo J. Grady, Ph.D.	DOH	Adjunct Assoc. Prof.
Janet S. Keithly, Ph.D.	DOH	Assoc. Prof.
Robert Rej, Ph.D.	DOH	Assoc. Prof.
Mehdi Shayegani, Ph.D.	DOH	Assoc. Prof.
David G. Anders, Ph.D.	DOH	Asst. Prof.
James L. Catalfamo, Ph.D.	DOH	Asst. Prof.
Ronald J. Limberger, Ph.D.	DOH	Asst. Prof.
Jeanne V. Linden, M.D., M.P.H.	DOH	Asst. Prof.
Paul S. Masters, Ph.D.	DOH	Asst. Prof.
Thomas Ryan, Ph.D.	DOH	Asst. Prof.
Program: Neuroscience		
David O. Carpenter, M.D.	DOH	Professor
Stanley D. Glick, M.D., Ph.D.	AMC	Adjunct Professor
Harold Kimelberg, Ph.D.	AMC	Adjunct Professor
Allan Schneider, Ph.D.	AMC	Adjunct Professor
Norman Strominger, Ph.D.	AMC	Professor
Jonathan Wolpaw, M.D.	DOH	Professor
Liselotte B. Hof, Ph.D.	AMC	Assoc. Prof.
Joseph E. Mazurkiewicz, Ph.D.	AMC	Assoc. Prof.

Name	Affiliation	Ranking
Program: Neuroscience - continued		
Anne Messer, Ph.D.	DOH	Assoc. Prof.
Helen H. Molinari, Ph.D.	AMC	Adjunct Assoc. Prof.
John Schmidt, Ph.D.	SUNYA	Assoc. Prof.
John W. Swann, Ph.D.	DOH	Assoc. Prof.
Suzannah B. Tieman, Ph.D.	SUNYA	Research Assoc. Prof.

SUNYA/The University at Albany, State University of New York
DOH/Department of Health
AMC/Albany Medical College
AMH/Albany Memorial Hospital
RPI/Rensselaer Polytechnic Institute

7/8/92

The University at Albany
State University of New York
School of Public Health
M.S. and Ph.D. Programs in Environmental Health and Toxicology

David L. Martin, Ph.D., Chairman
Kenneth W. Jackson, Ph.D., Associate Chairman

Name	Affiliation	Ranking
Program: Toxicology		
Laurence S. Kaminsky, Ph.D.	DOH	Professor
David L. Martin, Ph.D.	DOH	Professor
G-Yull Rhee, Ph.D.	DOH	Professor
Meyer J. Wolin, Ph.D.	DOH	Professor
Jonathan R. Wolpaw, M.D.	DOH	Professor
Michael J. Fasco, Ph.D.	DOH	Assoc. Prof.
Terry L. Miller, Ph.D.	DOH	Assoc. Prof.
William G. Shain, Ph.D.	DOH	Assoc. Prof.
Anthony DeCaprio, Ph.D.	DOH	Asst. Prof.
John F. Gierthy, Ph.D.	DOH	Asst. Prof.
Vergine Madelian, Ph.D.	DOH	Asst. Prof.
Brian T. Pentecost, Ph.D.	DOH	Asst. Prof.
Richard F. Seegal, Ph.D.	DOH	Asst. Prof.
Jay B. Silkworth, Ph.D.	DOH	Asst. Prof.
Abigail Snyder-Keller, Ph.D.	DOH	Asst. Prof.
David C. Spink, Ph.D.	DOH	Asst. Prof.
Robert A. Waniewski, Ph.D.	DOH	Asst. Prof.
Tadashi Yoshinari, Ph.D.	DOH	Asst. Prof.
Program: Environmental Chemistry		
Shelton Bank, Ph.D.	SUNYA	Professor
David O. Carpenter, M.D.	DOH	Professor
Kenneth Demerjian, Ph.D.	SUNYA	Professor
Liaquat Husain, Ph.D.	DOH	Professor
Kenneth W. Jackson, Ph.D.	DOH	Professor
Volker Mohnen, Ph.D.	SUNYA	Professor
Robert G. Briggs, Ph.D.	DOH	Clinical Asst. Prof.
Kenneth M. Aldous, Ph.D.	DOH	Assoc. Prof.
Brian Bush, Ph.D.	DOH	Assoc. Prof.
George A. Eadon, Ph.D.	DOH	Assoc. Prof.
Andrew Yencha, Ph.D.	SUNYA	Assoc. Prof.

Name	Affiliation	Ranking
Program: Environmental Chemistry - continued		
Vincent A. Dutkiewicz, Ph.D.	DOH	Asst. Prof.
Haider A. Khwaja, Ph.D.	DOH	Asst. Prof.
Michael Kitto, Ph.D.	DOH	Asst. Prof.
Charles O. Kunz, Ph.D.	DOH	Asst. Prof.
Patrick W. O'Keefe, Ph.D.	DOH	Asst. Prof.
Pravin P. Parekh, Ph.D.	DOH	Asst. Prof.
Patrick J. Parsons, Ph.D.	DOH	Asst. Prof.
Thomas M. Semkow, Ph.D.	DOH	Asst. Prof.
William Tivol, Ph.D.	DOH	Asst. Prof.
Program: Environmental and Occupational Health		
James Melius, M.D., Dr.P.H.	DOH	Professor
Nancy Kime Kim, Ph.D.	DOH	Assoc. Prof.
David S. Pratt, M.D.	Bassett	Clinical Assoc. Prof.
Karim A. Rimawi, Ph.D.	DOH	Assoc. Prof.
Alice Stark, Dr.P.H.	DOH	Assoc. Prof.
William N. Stasiuk, Ph.D.	DOH	Assoc. Prof.
Katherine Alben, Ph.D.	DOH	Asst. Prof.
Kelley Brix, M.D., M.P.H.	DOH	Asst. Prof.
Mary O. Brophy, Ph.D.	DOL	Adjunct Asst. Prof.

SUNYA/The University at Albany, State University of New York
DOH/Department of Health
AMC/Albany Medical College
VAMC/Veterans Administration Medical Center
Bassett/The Mary Imogene Bassett Hospital, Cooperstown, NY
DOL/Department of Labor, Syracuse

6/30/92

The University at Albany
State University of New York
School of Public Health
Department of Health Policy and Management

John Mendeloff, Ph.D., Chairman

Name	Affiliation	Ranking
Dan E. Beauchamp, Ph.D.	SPH	Professor
Alfred Gellhorn, M.D.	DOH	Professor
William A. Grattan, M.D.	ACHD	Adjunct Professor
Edward L. Hannan, Ph.D.	SPH	Professor
Kajal Lahiri, Ph.D.	SUNYA	Professor
Lorna McBarnette, M.S., M.P.H.	DOH	Professor
Linda A. Randolph, M.D., M.P.H.	CC-NYC	Adjunct Professor
Susan R. Sherman, Ph.D.	SUNYA	Professor
Raymond D. Sweeney, B.A.	DOH	Clinical Professor
Frank J. Thompson, Ph.D.	SUNYA	Professor
Sheldon Tobin, Ph.D.	SUNYA	Professor
Theodore Tulchinsky, M.D., M.P.H.	Israel	Adjunct Professor
Steven C. Anderman, M.S., M.B.A.	DOH	Clinical Assoc. Prof.
Robert W. Barnett, M.A., M.S.I.A.	DOH	Clinical Assoc. Prof.
David Brinberg, Ph.D.	SUNYA	Assoc. Prof.
Thomas P. Carter, Ph.D.	DOH	Assoc. Prof.
Jayanth V. Kumar, D.D.S., M.P.H.	DOH	Assoc. Prof.
James J. McCormack, Ph.D.	SPH	Research Assoc. Prof.
John Mendeloff, Ph.D.	SPH	Assoc. Prof.
Monica Meyer, M.D.	DOH	Assoc. Prof.
James R. Miller, M.D., M.P.H.	OCHD	Adjunct Assoc. Prof.
Peter Millock, J.D.	DOH	Assoc. Prof.
Janet D. Perloff, Ph.D.	SUNYA/SPH	Assoc. Prof.
Bonnie Steinbock, Ph.D.	SUNYA	Assoc. Prof.
Paul Wing, Ph.D.	AMC	Adjunct Assoc. Prof.
Michael D. Cohen, M.D.	DOH	Clinical Asst. Prof.
James Fossett, Ph.D.	SUNYA	Asst. Prof.
Thomas Melnik, Dr.P.H.	DOH	Asst. Prof.
David C. Momrow, M.P.H.	DOH	Clinical Asst. Prof.
Barry Sherman, Ph.D.	DOH	Asst. Prof.
Michelle van Ryn, Ph.D., M.P.H.	SPH	Asst. Prof.
Philip H. Vernon, Ph.D.	DOH	Asst. Prof.

ACHD/Albany County Health Department
AMC/Albany Medical College
CC-NYC/Carnegie Corporation of New York City
DOH/N.Y.S. Department of Health
Israel/Ministry of Health, Jerusalem
OCHD/Onondaga County Health Department
SUNYA/The University at Albany,
State University of New York

5/1/92

The University at Albany
State University of New York
School of Public Health
M.S. and Ph.D. Programs in Epidemiology

Lloyd Novick, M.D., M.P.H., Chairman
Philip C. Nasca, Ph.D., Associate Chair

Name	Affiliation	Ranking
Lloyd Novick, M.D., M.P.H.	DOH	Professor
Thomas A. Pearson, M.D., M.P.H., Ph.D.	BRI	Research Prof.
Jerome I. Barancik, Sc.D.	SUNY-SB	Adjunct Assoc. Prof.
James M. Melius, M.D., Dr. P.H.	DOH	Assoc. Prof.
Arthur M. Michalek, Ph.D.	SUNY-Buffalo	Adjunct Assoc. Prof.
Dale Morse, M.D., M.S.	DOH	Assoc. Prof.
Philip C. Nasca, Ph.D.	DOH	Assoc. Prof.
Lawrence M. Schell, Ph.D.	SUNYA	Assoc. Prof.
Susan Standfast, M.D., M.P.H.	DOH	Assoc. Prof.
Alice D. Stark, Dr. P.H.	DOH	Assoc. Prof.
David S. Strogatz, Ph.D.	SPH	Assoc. Prof.
Mark Baptiste, Ph.D.	DOH	Asst. Prof.
Guthrie S. Birkhead, M.D., M.P.H.	DOH	Asst. Prof.
Kelley Ann Brix, M.D., M.P.H.	DOH	Asst. Prof.
Germaine M. Buck, Ph.D.	SUNY-Buffalo	Adjunct Asst. Prof.
F. Bruce Coles, D.O.	DOH	Asst. Prof.
George DiFerdinando, M.D., M.P.H.	DOH	Asst. Prof.
Charlotte M. Druschel, M.D., M.P.H.	DOH	Asst. Prof.
Edward F. Fitzgerald, Ph.D.	DOH	Asst. Prof.
Timothy B. Gage, Ph.D.	SUNYA	Asst. Prof.
Syni-an Hwang, Ph.D.	DOH	Asst. Prof.
Carol Lewis, Sc.D., M.P.H.	BRI Research	Asst. Prof.
Elizabeth Marshall, Ph.D.	DOH	Asst. Prof.
John H. Relethford, Ph.D.	SUNY-Oneonta	Adjunct Asst. Prof.
Maria J. Schymura, Ph.D.	SPH	Asst. Prof.
Perry F. Smith, M.D.	DOH	Asst. Prof.
Robert Lillis, B.A.	DOH	Instructor
Rachel L. Stricof, M.P.H.	DOH	Instructor

SUNYA/The University at Albany, State University of New York
DOH/N.Y.S. Department of Health
SUNY-SB/SUNY Stony Brook
BRI/The Mary Imogene Bassett Hospital Research Institute, Cooperstown

7/9/92

The University at Albany
State University of New York
School of Public Health
M.S. Programs in Biometry and Statistics

Lloyd L. Lininger, Ph.D., Chairman

Name	Affiliation	Ranking
Edward L. Hannan, Ph.D.	SPH	Professor
Kajal Lahiri, Ph.D.	SUNYA	Professor
Joseph Sedransk, Ph.D.	SPH	Professor
Nell Sedransk, Ph.D.	SPH	Professor
Howard H. Stratton, Ph.D.	SPH	Professor
Carl S. Kim, Ph.D.	DOH	Assoc. Prof.
Terrence W. Kinal, Ph.D.	SUNYA	Assoc. Prof.
Lloyd L. Lininger, Ph.D.	SPH	Assoc. Prof.
Robert M. Pruzek, Ph.D.	SUNYA	Assoc. Prof.
Carlos C. Rodriguez, Ph.D.	SUNYA	Assoc. Prof.
Malcolm J. Sherman, Ph.D.	SUNYA	Assoc. Prof.
Syni-An Hwang, Ph.D.	DOH	Asst. Prof.
Gerald Kaufman, Ph.D.	DOH	Asst. Prof.
Vito Logrillo, M.P.H.	DOH	Asst. Prof.
Peter Ochshorn, Ph.D.	SUNYA	Asst. Prof.
Md Mushfiqur Rashid, Ph.D.	SUNYA	Asst. Prof.
Andrew Reilly, Ph.D.	DOH	Asst. Prof.
Gabriel Talmain, Ph.D.	SUNYA	Asst. Prof.
Gene Therriault, M.S.P.H.	DOH	Asst. Prof.
Edward Jow-Ching Tu, Ph.D.	DOH	Asst. Prof.
Ivan Auger, M.S.	DOH	Instructor

DOH/N.Y.S. Department of Health
SUNYA/The University at Albany,
State University of New York

7/7/92