GRADUATE PROGRAM IN PUBLIC HEALTH

CULMINATING EXPERIENCE EVALUATION

Please complete and return to Ms. Rose Vallines, Administrative Assistant.

CAM Building, 17 E. 102 St., West Tower – 5th Floor   Interoffice Box 1403   Fax 212-824-2327

Instructions: This form is used to evaluate the Culminating Experience. Please complete Part I and attach it to the Culminating Experience paper (Thesis, First Author Manuscript, or Capstone) submitted to the ISMMS Faculty Advisor. This form will be completed when the student delivers the oral presentation to the ISMMS Faculty Advisor and Second Reader.

PART I: STUDENT INFORMATION

Student Name: _____

Specialty Track: _____

Life Number: _____

Project Type: ☐ Master's Thesis   ☐ First Author Manuscript   ☐ Capstone

Title:

Specialty Track Advisor: _____
                           Print Name

ISMMS Faculty Advisor: _____
                           Print Name

Second Reader: _____
                           Print Name

PART II: EVALUATION OF WRITTEN CULMINATING EXPERIENCE

Please refer to the *Culminating Experience Guide* to ensure that the student has adequately completed all required written components of the Culminating Experience.

	PASS	INCOMPLETE	FAIL
ISMMS FACULTY ADVISOR	☐	☐	☐
SECOND READER	☐	☐	☐

Part III: QUALITATIVE EVALUATION OF ORAL PRESENTATION

Please comment on overall presentation skills, clarity, organization, thoroughness, and accuracy of content.

ISMMS Faculty Advisor: _____

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Second Reader: _____

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PART IV: PROGRAM COMPETENCIES

Please check off the Program Competencies that were addressed during the Culminating Experience.

CORE COMPETENCIES			
☐	Describe factors affecting the health of a community (e.g., equity, income, education, environment)	☐	Apply epidemiological methods to reveal casual associations between risk factors and disease and to measure and describe patterns of disease occurrence in population
☐	Identify the behavioral determinants of contemporary public health problems, and apply behavioral theories to the development and implementation of policies and programs.	☐	Analyze the validity and reliability of data
☐	Assess the impact of social, political, economic, and cultural forces on the development and implementation of health policies and programs	☐	Clearly articulate a public health issue and formulate relevant research questions
☐	Evaluate the influence of social, cultural, political, economic, and environmental factors on the initiation and persistence of health disparities within communities both locally and globally	☐	Apply ethical principles in accessing, collecting, analyzing, using, maintaining, and disseminating data and information
☐	Analyze how population exposures to environmental risk factors interfere with human biological systems to produce disease in communities	☐	Demonstrate effective written and oral skills for communicating with a wide range of audiences and in a variety of public health practice settings
☐	Utilize descriptive and inferential statistical methods to critically evaluate and interpret scientific evidence from public health reports and published studies		

SPECIALTY TRACK-SPECIFIC COMPETENCIES

BIOSTATISTICS TRACK			
☐	Demonstrate ability to apply biostatistics and engage in collaborative public health research	☐	Apply the necessary quantitative, logical, and computational skills to successfully collaborate within clinical research teams
☐	Translate clinical questions into statistical hypotheses	☐	Effectively summarize public health data using both numerical and graphical techniques
☐	Utilize basic probability concepts and optimal study designs	☐	Devise effective means of data collection
☐	Develop analytical strategies that take account of the specific qualities of data to be analyzed, sources of variation, and assumptions required	☐	Interpret quantitative results and their implications for public health
☐	Effectively communicate complicated statistical concepts and results to clinical colleagues and community partners	☐	

EPIDEMIOLOGY TRACK			
☐	Describe a public health problem in terms of magnitude, person, time, and place	☐	Calculate basic epidemiological measures.
☐	Evaluate the strengths and limitations of epidemiological studies.	☐	Interpret results of statistical analyses found in public health studies.
☐	Critically synthesize the public health research and practice literature for a selected health topic.	☐	Conduct an epidemiological and biostatistical data analysis.
☐	Distinguish between a statistical association and a causal relationship using appropriate principle of casual inference.	☐	Identify appropriate methods of study design, analysis, and data synthesis to address population-based health problems
☐	Identify circumstances under which non-randomized (observational) designs are the best approach to addressing important health-related knowledge gaps.	☐	Recognize the assumptions and limitations of common statistical methods and choose appropriate approaches for analysis.
☐	Use tabular and graphical methods to explain model results.	☐	

ENVIRONMENTAL & OCCUPATIONAL TRACK

☐	Assess environmental and occupational exposures	☐	Interpret epidemiologic and other research findings related to environmental risks, and assist in designing and conducting research
☐	Prevent and control environmental and occupational hazards	☐	Synthesize relevant information in order to analyze EOH policy implications, participate in policy development, and assess and manage occupational risks
☐	Identify the adverse effects of chemical, biological, and physical exposures on human health	☐	Engage in public health communication activities

GENERAL PUBLIC HEALTH TRACK

☐	Demonstrate ability to employ a public health systems approach to assess the health status of populations, to identify determinants of health and illness, and to ascertain factors influencing the use of health services	☐	Apply descriptive and analytic epidemiology to population-based research, and develop disease control and prevention programs in conjunction with the community
☐	Utilize basic biostatistical concepts and appropriate study design methodologies to address public health research questions and to evaluate community-based interventions	☐	Specify approaches for assessing, preventing and controlling environmental and occupational hazards that pose risks to human health and safety
☐	Design, implement and evaluate public health programs and policies within a socio-ecological framework	☐	Apply principles of cultural competency to health promotion/disease prevention programs, policies and research, to improve patient and community health, and to reduce health disparities
☐	Support, promote and develop public health advocacy that informs, educates and empowers communities about public health issues and effects systems changes		

GLOBAL HEALTH TRACK

☐	Explain the global context in which public health problems occur including the social, political, and economic forces that shape these problems and their potential solutions	☐	Describe the roles and relationships of the organizations and entities that influence global health
☐	Apply social justice and human rights principles in the development of public health programs, interventions and policies	☐	Identify the leadership & management skills needed to effectively lead local, national, & global public health systems and affect public health policies
☐	Apply scientific evidence in the planning, implementation, and evaluation of public health programs and interventions	☐	Describe multi-agency policy-making in response to complex health emergencies
☐	Design a community health needs assessment and plan an evidence-based intervention that meets an established health target		

HEALTH CARE MANAGEMENT TRACK

☐	Apply theories of organizational analysis, organizational behavior and financial analysis to managing and leading public health and health organizations.	☐	Design, implement and manage cost effective health programs and projects
☐	Apply, manage and implement human resource practices in an ethical, legally compliant and culturally responsive manner.	☐	Develop skills in team management, collaboration and leadership to effect change at multiple levels.
☐	Appropriately manages various health care payment methodologies for diverse at risk populations.	☐	Develop market analyses of population based problems, and initiate community partnerships in service development and evaluation.

HEALTH PROMOTION & DISEASE PREVENTION TRACK

☐	Apply behavioral and social science theory in the development, implementation, and evaluation of health promotion interventions, programs, and policies	☐	Develop a plan to monitor and evaluate the quality, impact and outcomes of public health interventions
☐	Design an intervention or program to effect change at multiple levels, including individual, community, and policy levels	☐	Describe the health, economic, administrative, legal, social and political implications of policy options, and provide strategic advice on health promotion and disease prevention issues
☐	Examine the psychosocial, historical, and environmental causes of health disparities in the planning, implementation, and evaluation of health promotion and intervention programs.		

OUTCOMES RESEARCH TRACK

☐	Identify, analyze and interpret major clinical and public health problems and relevant clinical epidemiology, outcomes and health services research questions	☐	Specify the measurement of structure, process, and outcome in health and health care research and implications for improving outcomes
☐	Identify, interpret and critique the state of knowledge regarding clinical epidemiology, outcomes, health services research questions and public health policy	☐	Discuss the relative advantages and disadvantages between efficacy and effectiveness research
☐	Explain the relative advantages and disadvantages of observational and experimental methods and study design used in clinical epidemiology, outcomes and health services research		

PART V: We certify that the student has been informed of the grade and of any requirements that may accompany that grade.

ISMMS Faculty Advisor: _____ _____

                                     Signature   Date

Second Reader: _____ _____

                                     Signature   Date