

MINUTES OF THE MASTER OF PUBLIC HEALTH COORDINATING COMMITTEE

Date: September 14, 2011

Time/Location: Trotter Hall, Rm 112

Members Present: Cates, Choma, Kastner, Heinrich, Kidd, Larson, McElroy, Montelone, Retzlaff, Stevenson

Members Absent: Kelly, Fung, Procter

Called to Order: By director Dr. Cates at: 1:30 PM **Quorum:** X Yes No **Adjourned:** 3:05 PM

AGENDA ITEM	PRESENTATION/DISCUSSION	RECOMMENDATION/ACTION
CALL TO ORDER	Meeting was called to order by Dr. Cates	
APPROVAL OF MINUTES FROM LAST MEETING	The members approved the minutes from the August 10, 2011 meeting.	Post approved minutes to website.
FACULTY ITEMS		
STUDENT ITEMS	<p>Dr. Cates presented the latest MPH Student Enrollment Update (Attachment 1) and Student Progress Chart (handed out).</p> <p>The group discussed various options to limit growth, to include (1) only allowing fall starts or (2) summer/fall starts. Dr. Cates reminded the group we already limit in international students to fall-only starts. Students can take up to 9 hours before they are officially admitted to a graduate program; so many Spring starts include these students. No decision was made at this time. Dr. Cates said he anticipates student enrollment this year to be 35-40 new starts.</p>	

COURSE ITEMS	<p>Curriculum Changes</p> <p>--Food Safety and Biosecurity – a list of courses aligned with emphasis area competencies were approved as amended (Attachment 2)</p> <p>--Infectious Diseases and Zoonoses – a list of courses aligned with emphasis area competencies were approved as amended (Attachment 3)</p> <p>--Public Health Nutrition and Public Health Physical Activity will review their courses for any needed changes and map to competencies.</p>	<p>MPH Program office will prepare the Interdisciplinary Graduate Course and Curriculum Changes and send changes to the MPH faculty and Graduate School. Changes will be effective Summer 2012 semester.</p>
PROGRAM RELATED ITEMS	<p>Dr. Cates updated the group on the KBOR Program Review documents. They are posted to K-State Online for review and comment. Documents are due September 26, 2011.</p> <p>Brochure update. The MPH Program office is working with K-State Printing Services to meet the new K-State branding/marketing requirements the MPH brochure is being updated. Ideas/suggestions/new pictures/new verbiage are being sought to update the brochure. (Attachment 4)</p>	<p>Continue to work with K-State Printing Services to update brochure.</p>
ACCREDITATION ITEMS	<p>Dr. Cates updated the group on the progress made toward seeking accreditation. A letter has been sent to CEPH requesting a second extension which would move the submission deadline to June 2013.</p> <p>The first MPH Executive Council meeting consisting of the department heads as members and the deans as ex-official members will be held on Monday, September 19. Agenda item slides were reviewed by the group and clarification suggestions were made by the group.</p>	<p>Continue to work on accreditation issues.</p>
OTHER	<p>Ms. Stevenson provided the group the latest schedule for fall semester student Field Experience/Thesis Final Exams (Attachment 5)</p> <p>The MPH Graduate Student Handbook is posted on K-State Online for update review. Changes are highlighted in yellow and/or red. Dr. Cates asked the group to review before it is officially “published.”</p>	

FUTURE MEETING(S)	October 12, 2011 at 1:30 to 3:00 PM	247 Leadership Studies
	November 9, 2011 at 1:30 to 3:00 PM	112 Trotter Hall
	December 14, 2011 at 1:30 to 3:00 PM	247 Leadership Studies
	January 11, 2012 at 1:30 to 3:00 PM	112 Trotter Hall

Attachments

Attachment 1. MPH Enrollment Update

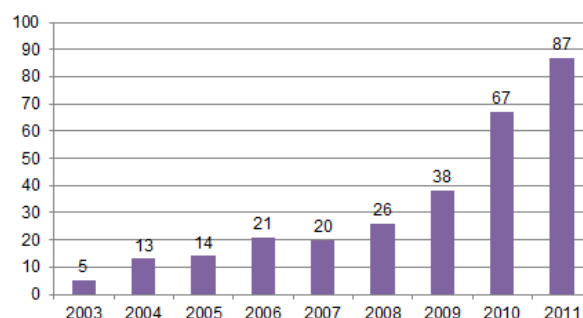
KANSAS STATE UNIVERSITY

Master of Public Health Program

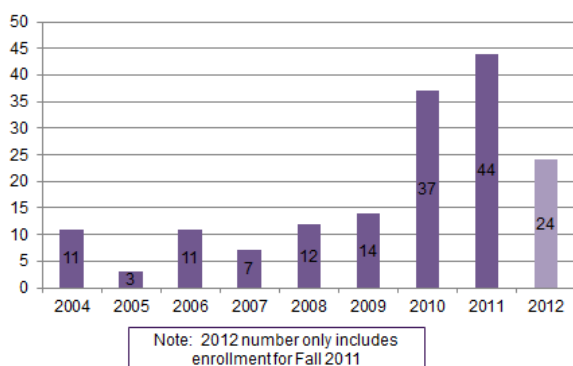
Student Enrollment Update – Fall 2011
MPH Coordinating Committee Meeting
September 14, 2011

Mike Cates, DVM, MPH, DACVPM
Director, MPH Program
James B. Nichols Professor of Veterinary Medicine

Official MPH Degree Enrollment (Fall Semesters)



New Students per Academic Year

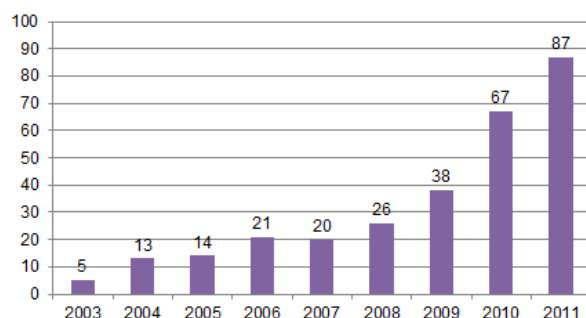


Current Student Demographics

- 102 Total Students
- 75 Women (74%)
- 23 Multicultural (23%)
- 64 Kansans (63%)
- 42 Kansas State alumni (41%)
- 10 International Students (10%)



Official MPH Degree Enrollment (Fall Semesters)



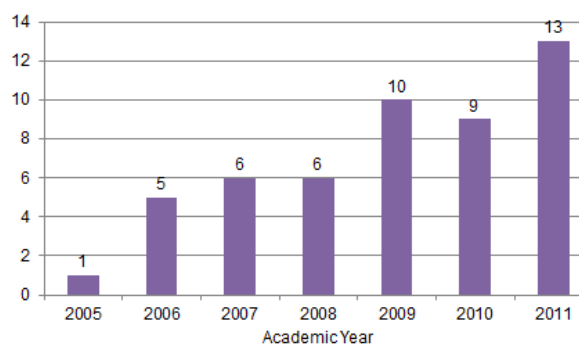
International Students Current and Former

- Armenia
- China
- India
- Kazakhstan
- Libya
- Moldova
- Nepal
- Swaziland
- Togo
- Uzbekistan

Fellows / Scholars

- Fulbright: 3
- Muskies: 4

Graduates



Total MPH Graduates: 50

Graduates

- Total of 50
 - Food Safety and Biosecurity: 6 (12%)
 - Infectious Diseases and Zoonoses: 28 (56%)
 - Public Health Nutrition: 9 (18%)
 - Public Health Physical Activity: 7 (14%)
- KBOR 2010-2012 (Cycle 7) Performance agreement targets for MPH Graduates
 - 2008-2010: 8 (Met this target with 8.67 average)
 - 2009-2011: 10 (Did not meet, with 9.33 average)
 - 2010-2012: 11 (Need 15 more in FY 2012 to meet)

MPH Core Course Status

MPH Program Students - September 2011

		Here not completed course						
		New		Returning		Total	Enrolled Fall 2011	Remaining Seats in AY 2012
		Regular	OVN/MPH	Regular	OVN/MPH			
DMP 734	Introduction to Epidemiology	35	1	1	1	38	34	0
DMP 806	Environmental Toxicology	29	4	12	8	53	N/A	104
STAT 701/702/703	Fundamentals of Biostatistics and other introductory Statistics courses	23	0	16	6	45	22	104
HWD 720	Administration of Health Care Organizations	23	0	13	6	42	23	30
KIN 818	Social and Behavioral Basis of Public Health	29	4	15	5	53	N/A	24

Attachments

Attachment 2. Food Safety and Biosecurity as amended

In addition to the core courses, students must complete 22 credit hours from the Food Safety and Biosecurity emphasis area courses as outlined by the emphasis area competencies. Substitutions may be approved by the major professor, supervisory committee and the MPH Program director.

Competency	Cr Hrs Needed	Select from these Courses	
		Course #	Course Name
<i>Food safety and Biosecurity</i> Describe the challenges and solutions for food safety, biosecurity and defense issues in the food production continuum.	2	FDSCI 730	Multidisciplinary Overview of Food Safety and Security (2)
<i>Threats to the food system</i> Choose 1 course Categorize specific threats to the food system and scientifically identify how each can be prevented, controlled, and/or mitigated in the food production system.	4 or 2	FDSCI 600 FDSCI 607 FDSCI 750 FDSCI 915	Microbiology of Food (2) Food Microbiology (4) Food Toxicants (2) Food Toxicology (2)
<i>Risk assessment and management</i> Choose 3 courses Required: FDSCI 731 AND FDSCI 690 OR FDSCI 791 AND DMP 845 OR DMP 855 Identify and categorize risks in the food system; Describe approaches to assessing and managing risk in the food system.	7-8	FDSCI 690 FDSCI 791 FDSCI 731 DMP 845 DMP 855	Principles of HACCP (2) Advanced Applications of HACCP Principles (3) Food Protection and Defense – Essential Concepts (2) Food Safety Risk Analysis (3) Disease Detection, Surveillance, and Risk Assessment (3)
<i>Food safety policy and the global food system</i> Choose 2 courses Describe how food safety and biosecurity policies, globalization, and international trade influence public health.	3-6	DMP 816 DMP 844 DMP 875 DMP 835 DMP 888	Trade and Agricultural Health (2) Global Health Issues (3) Food Safety, Trade, Law, and Regulation (3) Food Safety Policy and Politics (3) Globalization, Cooperation, and Food Trade (1)
<i>Effective Communication</i> Choose 1 course Develop and illustrate effective strategies to communicate public health/food safety issues to a variety of audiences.	3	DMP 858 DMP 815 MC 750 MC 760	Food Safety Culture and Communication (3) Multidisciplinary Thought and Presentation (3) Health Communication Campaigns (3) Risk Communication (3)

Attachments

<p>Highly prescribed electives</p> <p>Electives must be chosen from the above or those listed in this section.</p>	<p>0-4</p>	<p>DMP 880 FDSCI 501 FDSCI 695 FDSCI 727 FDSCI 728 FDSCI 751 FDSCI 753 FDSCI 810 FDSCI 815 FDSCI 820 AGEC 710 AGEC 805 AGEC 810 STAT 704 STAT 705</p>	<p>Scholarship in a Busy Age (2) Food Chemistry (3) Quality Assurance of Food Products (3) Chemical Methods of Food Analysis (2) Physical Methods of Food Analysis (2) Food Laws and the Regulatory Process (2) Risk Assessment for Food, Ag, & Vet Med (3) Fermented Foods (2) Advanced Food Chemistry (3) Advanced Food Microbiology & Biotechnology (2) Comparative Food and Agriculture Systems (3) Agricultural Marketing (3) Price, Income, and Trade Policies in Agriculture (3) Analysis of Variance (3) Regression and Correlation Analyses (3)</p>

Attachments

Attachment 3. Infectious Diseases and Zoonoses

In addition to the core courses, students must complete 22 credit hours from the Infectious Diseases and Zoonoses emphasis area courses as outlined by the emphasis area competencies. Substitutions may be approved by the major professor, supervisory committee and the MPH Program director.

Competency	Cr Hrs Needed	Select from these Courses	
		Course #	Course Name
<i>Pathogens / pathogenic mechanisms</i> Understand and be able to describe the ecology and modes of disease causation of infectious agents such as bacteria, viruses, parasites, and Fungi.	6-7	BIOL 604 BIOL 530 BIOL 675 BIOL 545 BIOL 546 BIOL 687 BIOL 730 ASI 540 DMP 712 DMP 718 DMP 860 DMP 722	Biology of Fungi (3) Pathogenic Microbiology (3) Genetics of Microorganisms (3) Human Parasitology (3) Human Parasitology Laboratory (1) Microbial Ecology (3) General Virology (3) Principles of Animal Disease Control (3) Veterinary Bacteriology and Mycology (lecture) (3) Veterinary Parasitology (DVM students only) (4) Pathogenic Mechanisms (alternate years) (3) Veterinary Virology (DVM students only) (3)
<i>Host response to pathogens / immunology</i> Describe the current understanding of host immune response to infection and understand the role of vaccination in infectious disease control.	3-4	DMP 850 BIOL 670 BIOL 671 DMP 705	Domestic Animal Immunology (3) Immunology (4) Immunology Laboratory (2) Principles of Veterinary Immunology (DVM stds only) (3)
<i>Environmental / ecological influences</i> Understand the influence of space/ geography, insect vectors, toxic and other toxin sources, as well as infectious agents on infectious disease and food safety.	3-6	DMP 844 ENTOM 849 GEOG 508 GEOG 708 BIOL 529 DMP 801 DMP 770 FDSCI 690 FDSCI 730 FDSCI 731 DMP 816 DMP 888	Global Health Issues (online) (3) Biology of Disease Vectors (3) Geographic Information Systems I (3) Geographic Information Systems II (3) Fundamentals of Ecology (3) Toxicology (3) Fundmtl Concepts in Emerging Pathogenic Disease (2) Principles of HACCP (online) (2)) Overview of Food Safety and Security (2) Food Protection and Defense - Essential Concepts (2) Trade & Agricultural Health (online) (2) Globalization, Cooperation & the Food Trade (3)
<i>Disease surveillance / quantitative methods</i> Understand how disease events and risk factors for disease are quantified and compared.	3-6	DMP 855 DMP 830 DMP 871 STAT 704 STAT 705 STAT 716* STAT 730* DMP 753 DMP 854 STAT 717* STAT 720* DMP 954*	Disease Detection, Surveillance and Risk Assessment (3) Quantitative Analysis (3) Molecular Diagnostics of Infectious Diseases (3) Analysis of Variance (2) Regression and Correlation Analysis (2) Non-parametric Statistics (2) Multivariate Statistical Methods (3) Veterinary Public Health (DVM students only) (2) Intermediate Epidemiology (3) Categorical Data Analysis (3) Design of Experiments (3) Advanced Epidemiology (3) *Prerequisites beyond STAT 701

Attachments

Communication	3	MC 750	Health Communication Campaigns (alternate yrs) (3)
Develop and demonstrate effective Strategies to communicate public Health/infectious disease issues to a variety of audiences.		MC 760	Risk Communication (alternate years) (3)
		DMP 815	Multidisciplinary Thought and Presentation (3)
Total required for Infectious Diseases Zoonoses Emphasis Area = 18-22			
Additional courses form this list or other MPH emphasis areas = 0-4			
Total Emphasis Area Hours = 22			

Note: up to 12 credit hours from an AVMA accredited College of Veterinary Medicine DVM curriculum may be applied to the MPH degree requirements.

Attachments

Attachment 4. Brochure Draft – Wording for Emphasis Areas on New Brochure



Food Safety and Biosecurity

The curriculum prepares graduates to recognize, evaluate and control food-borne agents and toxins. Courses emphasize the multidisciplinary nature of food biosecurity and defense research, education and training to the vitality of our communities.



Infectious Diseases and Zoonoses

The primary objective is to prepare leaders for zoonoses protection programs, investigation of new and emerging infectious diseases, strengthening the public's ability to respond to bioterrorism and biosecurity emergencies, and coordinating rapid response activities among government, agriculture industries, nonprofit organizations, and academia.



Public Health Nutrition

This emphasis focuses on the study of the interaction between nutrition and health and the application of sound nutrition principles to promote healthy eating. Curriculum topics include: nutritional epidemiology, nutrition and physical activity, and the communication of nutrition messages to at-risk populations.



Public Health Physical Activity

Graduates are prepared for experimental, clinical, and epidemiological theory and research addressing the public health issues of promoting physical activity. The curriculum examines the social factors and psychological determinants associated with participation in exercise and physical activity programs.

Attachments

Attachment 5. Fall 2011 Field Experience/Thesis Final Exams

	MPH Student	Date	Time	Place	Title
1	Boyd, Aaron	Friday, December 2	2:00 PM	Ahern Rm 10	The effect of single exposure advertising and socioeconomic status on parenting behaviors and children's snack choice
2	Chance, Heather	Friday, October 7	3:00 PM	Coles 343	Do your eggs have the flu? Looking at the development of pro-active risk assessments.
3	Choma, Kimathi				
4	Kaur, Ramandeep				
5	Louk, Julie				
6	Pickler, Julie	Friday, October 28	8:00 AM	Union Rm 209	Reaching Apple Employees through Wellness
7	Stephen, Mellina	Friday, November 4	10:00 AM	Ahearn Rm 20	An Experience in Health Policy Coordination, USDHHS Office of Disease Prevention and Health Promotion
8	Stephens, Chelsea				
9	Sterneker, Kristen				
10	Weinrich, Shely	Thursday, October 27	10:00 AM	Union Rm 209	Foster Community Wellness through Nutrition and Physical activity at Riley County Extension