MPH PROGRAM UPDATE
102 Fairchild Hall
October 14th, 2009

Michael B. Cates, DVM, MPH, DACVPM
Director, Master of Public Health Program
James B. Nichols Professor of Veterinary Public Health
Agenda

• Personal Background

• Program Updates
  – Background and Goals
  – Faculty and Students
  – Interdisciplinary Partnership
  – Communication Strategy
  – Engagement / Progress
  – Accreditation Status

• Kansas School of Public Health

• Summary
Program Director Background

- Native Texan

- Education
  - High School (Frisco), 1975
  - BS (Texas A&M), 1979
  - DVM (Texas A&M), 1980
  - MPH (UT Houston), 1987

- Licensing / Certification
  - Texas Veterinary Medicine, since 1980
  - Diplomate, American College of Veterinary Preventive Medicine (ACVPM), since 1989
  - Distinguished Diplomate, ACVPM, 2008
Professional Experience

- **U.S. Army Veterinary Corps Officer**
  - 28 years, 15 jobs, 10 locations (U.S., Korea, Germany)
  - Specialty: Veterinary Preventive Medicine
  - Commanding General, U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM)
  - Functional Proponent, Army Preventive Medicine

- **Retired, Jan 1st, 2009 (Brigadier General)**
Current Status

• Family: Linda and Sugar Bear
• Director, K-State MPH Program
• James B. Nichols Professor of Veterinary Public Health
• Board of Directors, One Health Commission (Secretary / Treasurer)
• K-State Representative, Assn. of American Veterinary Medical Colleges Public Health Committee
• Faculty Senator, College of Veterinary Medicine
MPH Program Office
311 Trotter Hall

Program Director
Mike Cates, DVM, MPH

Program Assistant
Barta Stevenson, MS

K-State MPH
MPH Program Coordinating Committee

Bob Larson
Lisa Freeman
Kimathi Choma
Deanna Retzlaff
Dan Fung
David Dzewaltowski
Mary McElroy
Betsy Barrett
Ric Rosenkranz
Sandy Procter
Master of Public Health Program

• **Background**
  – Started in Fall, 2003
  – Academic “Home”
    • Human Ecology 2003-2008
    • Veterinary Medicine 2008-Current
  – Program Administration
    • Interim Director
      – Carol Ann Holcomb 2003-2008
      – Bob Larson 2008-2009
    • Director
      – Mike Cates 2009-Current

• **Mission, Goals, Objectives**
Master of Public Health Program

• Generalized Description
  “The Master of Public Health (MPH) degree is the most widely recognized professional credential for leadership in public health.”
  
  Harvard School of Public Health

• Requirements
  – MPH Degree
    • Minimum of 42 semester credit hours
    • Core courses for five public health competencies
    • Requirements/Electives in each Area of Emphasis
    • At least 6 hours of field experience or research
  
  – Certificate in Public Health Core Concepts
    • Completion of the Core Courses
Core Courses

- Epidemiology
  - DMP 708 (Vet Med)
  - DMP 854 (Vet Med)
- Biostatistics
  - STAT 702 or 703 (Arts & Sciences)
- Health Policy and Leadership
  - HMD 720 (Human Ecology)
- Social and Behavioral Health
  - KIN 818 (Arts & Sciences)
- Environmental Health
  - DMP 806 (Vet Med)
Four Areas of Emphasis

- Infectious Diseases / Zoonoses
- Food Safety & Biosecurity
- Public Health
- Nutrition

Very unique combination, building on the strengths of K-State

Public Health Physical Activity
Four Supporting Colleges

Veterinary Medicine

Agriculture

Human Ecology

Arts and Sciences

K-State MPH
Other Required Courses
for each Area of Emphasis

• Agriculture / Food Safety and Biosecurity (13 hours)
  – FDSCI 501 (Food Chemistry)(3 hrs)
  – FDSCI 607 (Food Micro)(4 hrs)
  – FDSCI 690 (Principles of HACCP)(2 hrs)
  – FDSCI 713 (Rapid Diag. Methods)(2 hrs)
  – FDSCI 738 (Overview of Food Safety)(2 hrs)

• Arts & Sciences / Public Health Physical Activity (9)
  – KIN 830 (PH Physical Activity)(3 hrs)
    Two out of the following:
    – KIN 796 (Program Planning/Evaluation)(3 hrs)
    – KIN 800 (Advanced Physiology or Exercise)(3 hrs)
    – KIN 805 (Physical Activity and Human Behavior)(3 hrs)

• Human Ecology / Public Health Nutrition (7)
  – HN 600 (Public Health Nutrition)(3 hrs)
  – HN 844 (Nutritional Epidemiology)(3 hrs)
  – HN 880 (Grad Seminar in Human Nutrition)(1 hr)

• Vet Med / Infectious Diseases & Zoonoses (10)
  – At least 10 hours from DMP Courses
MPH Faculty

Total of 55 Individuals (not FTEs)

Veterinary Medicine
21 (38%)

Human Ecology
14 (25%)

Arts & Sciences
12 (22%)

Agriculture
7 (13%)

Other
1 (2%)

K-State MPH
MPH Students

Cumulative Enrollment - 72

- VM / IDZ: 44 (61%)
- A&S / PHPA: 6 (8%)
- HE / PHN: 12 (17%)

Graduates - 28

- VM / IDZ: 14 (50%)
- A&S / PHPA: 6 (21%)
- HE / PHN: 4 (14%)

Current - 38

- VM / IDZ: 27 (71%)
- A&S / PHPA: 0 (0%)
- HE / PHN: 8 (21%)

- Ag / FSB: 10 (14%)
- HE / PHN: 8 (21%)
New Students per Academic Year

Average of 8.25

* Fall Semester Only
New Students per Academic Year

Note: FS/B and PHPA - same numbers for ‘04-'08
Graduates per Academic Year

- 2005: 1
- 2006: 4
- 2007: 8
- 2008: 5
- 2009: 10
Graduates per Academic Year
Interdisciplinary Partnership

• Faculty recruiting / retention
• Course development / sustainability
• Degree and Certificate marketing ideas
• Accreditation – Data collection
• Collaboration – Faculty and Students
• Input for improvement
  – Communication
  – Courses
  – Student recruiting
Communication Strategy

• **Students (Past, Present and Prospective)**
  – Website (updated in Feb 2009)
  – At least one gathering per semester
  – Group E-mails
  – Individual visits / correspondence
  – Conferences (3 so far) for recruiting

• **Faculty**
  – Coordinating Committee (monthly)
  – Meet and Greet at each college
  – Website
  – Group E-mails
  – Individual correspondence

• **Leadership**
  – Routine updates to Deans Shanklin and Richardson
  – Excellence in Public Health at K-State Awards Reception
Welcome! Kansas State University is proud to offer a unique blend of public health education opportunities for our state and beyond. This website provides you up-to-date, comprehensive information about the Master of Public Health Program, whether you are a prospective student, current student, faculty member, alumni, or friend and advocate of public health education. Please look at our program and let us know of any assistance we can give.

Mike Cates, DVM, MPH
Director, Master of Public Health Program
MPH Update - Podcast

MPH Areas of Emphasis

- Food Safety & Biosecurity
- Infectious Diseases & Zoonoses
- Public Health Nutrition
- Public Health Physical Activity

Quick Links

- Frequently Asked Questions
- Department of Hospitality Management and Services
- Department of Human Nutrition
- Department of Kinesiology
- Food Science Institute
- Community Health Institute
- Diagnostic Medicine / Pathobiology
- One Health Initiative
- MPH News
- CEPH Accreditation
- People, Podcasts, Pictures & Perspectives

Contact MPH Personnel!

www.k-state.edu/mphealth
Engagement / Progress

• Pathways to Public Health / One Health Kansas
  – MPH Faculty involvement
  – “Pipeline” for future graduate students

• Other engagement activities
  – Excellence in Public Health at K-State, April 2009
  – Local, State, Regional meetings and conferences

• Web site enhancements

• On-line Courses
  – Tremendous interest for “non-traditional” students
  – Projected availability: all “Core” Courses by AY 2011
  – Future Vision: Distance Accessible K-State MPH
Accreditation - History
Council on Education for Public Health (CEPH)

- Feb 2009: KBOR approval for pursuit
- May 2009: Application to CEPH
- July 2009: CEPH approval of application
  - Allows start of 30-36 month process
  - 2-year window for Self-Study
- Orientation in D.C. Summer 2010
- On-site Nov-Dec 2011
Accreditation – Data

Council on Education for Public Health (CEPH)

- History of Program
- Faculty
  - At least 3 “core” faculty in each emphasis area
- Students
- Courses and Curriculum
- Research
- Budget
Kansas School of Public Health
(Being Considered)

• Background
  – Past and Current MPH programs in Kansas
    • KU Med (Kansas City and Wichita Campuses)
    • Wichita State
    • K-State
  – Consultant recommendations
  – Beginning of talks / white paper

• Since January 2009
  – More Consultants
    • Deans of Schools of Public Health, Arkansas & N. Texas
    • Association of Schools of Public Health CEO
    • Assoc. Dean, Colorado School of Public Health (model)

• Current Plan: Collaborative School (3 universities)
  – KU
  – K-State
  – Wichita State
Summary

• Outstanding interdisciplinary partnership
• Communication improvements
• Exciting progress
• Many opportunities for engagement
• Accreditation is critical for future
• K-State should play a major role in any future public health initiatives