

MH 509/HS 509
The Development of Public Health in America
MW 2:30 PM – 3:45 PM, 3265 MED SCI CTR (MSC), University of Wisconsin-Madison

Course Instructor:

Prof. Dayle B. DeLancey, Ph.D.
Assistant Professor of History of Medicine and Bioethics
delancey@wisc.edu
Office: MSC 1426 (1300 Univ. Ave.)
Office Hours: T, Th 1:30 PM – 3:30 PM (MSC 1426).

COURSE DESCRIPTION:

Who is responsible for public health and how far does this responsibility extend? How do we, in a democratic state, reconcile individual rights and collective welfare? This course looks at these questions through American history from the European conquest through the most recent clamor over anthrax attacks and other forms of bioterrorism. Using both primary documents and secondary sources, the course explores the role of infectious disease outbreaks, the development of organized public health infrastructures, and the part played by social, cultural and political concerns in providing for American public health. From yellow fever to HIV, from cigarette smoking to banning Oreos and other trans-fat foods, the course examines efforts to improve the health of Americans, sometimes by force of law, in the name of public welfare.

REQUIRED BOOKS: The required books below have been ordered at the University Bookstore and are also available through Amazon.com. *All other reading assignments on the syllabus available in our electronic course reader at Learn@UW from 1/23/13.*

Undergraduates:

Judith Walzer Leavitt and Ronald Numbers, eds., *Sickness and Health in America*, 3rd edition.
Madison: University of Wisconsin Press, 1997.

Judith Walzer Leavitt, *The Healthiest City: Milwaukee and the Problems of Health Reform*. 1982;
Madison: University of Wisconsin Press, 1996.

David M. Oshinsky, *Polio: An American Story*. New York: Oxford University Press, 2005.

MH/HS 509 Syllabus, January 2013 (DeLancey) 1/25/13 VERSION – 2

Graduate Students:

All items on undergraduate list of required books, plus a list of books to be determined at the first meeting of the graduate student section.

COURSE REQUIREMENTS:

Undergraduates** ++:	Attendance/Participation	25%
	Midterm Examination (in class, <u>3/11/13</u>)	25%
	Primary Source Analysis Essay (4 pp, DUE in class, <u>4/1/13</u>)	20%
	Final Exam** ++ (Sunday <u>5/12/13</u> , 12:25 PM – 2:25 PM)	30%
	- OR - Final Research Paper** ++ (12-14 pp, DUE in MSC 1426 by 5PM on Friday <u>5/10/13</u>)	30%

**** *Honors undergraduates*** must complete *both* the Final Research Paper Option *and* the Final Exam Option.

++ *Non-honors undergraduates* must select *either* the Final Research Paper Option *or* the Final Exam Option by 3/20/13.

**** ++ *Honors students*** and ***non-honors undergraduates*** who have chosen the Final Research Paper Option **must submit** the Instant Thesis Exercise in class on 3/20/13. (*This brief exercise is designed to help each student identify a paper topic, refine it into a controlling idea, and outline the points that they will use to support the main idea in their papers.*)

Handouts explaining expectations for the Primary Source Analysis Essay, the Instant Thesis Exercise, and the Final Research Paper Option available in Learn@UW from 1/23/13, and will also be discussed in class in advance of each of these writing assignments.

Graduate Students*:	Class Participation	20%
	Graduate Seminar Presentations	20%
	Research Paper (25-30 pp.)	60%

*** We** will meet briefly immediately after class on January 23, 2013 to coordinate schedules and set the time for the graduate student weekly seminar. We will discuss specific graduate student requirements at the first graduate seminar meeting.

GRADING SCALE:

Students will be graded on the following scale:

A: 93-100; A/B: 88-92; B: 83-87; B/C: 78-82; C: 70-77; D: 64-69; F: <64.

COURSE SCHEDULE:

Jan. 23	Introductions, Expectations, and Syllabus Review
Jan 28	Smallpox and the Native Americans
Jan 30	Inoculating against the Pox: Controversy and Acceptance
Feb 4	Bring out your Dead: Yellow Fever in Philadelphia
Feb 6	Water and Temperance
Feb 11	Cholera
Feb 13	Sanitary Science and the Civil War
Feb 18	Organizing Public Health
Feb 20	Water, Sewers, and Garbage
Feb 25	Urban Environments
Feb 27	Bubonic Plague in San Francisco
Mar 4	The New Public Health
Mar 6	Midterm Exam Review
Mar 11	In-Class Midterm Exam
Mar 13	Occupational Health, Accidents, and Other Dangers
Mar 18	Typhoid Mary Strikes Back
Mar 20	Food and Drug Safety
!! REMINDER: <u>Instant Thesis Exercise</u> DUE in class on 3/20/13 for honors students and undergraduates who have chosen the <u>Final Research Paper Option</u>!!	
Mar 25 & 27	NO CLASS: SPRING RECESS
Apr 1	Public Health and the Law: From <i>Jacobson v. Massachusetts</i> to <i>Buck v. Bell</i>
!! REMINDER: 4pp. <u>Primary Source Analysis Essay</u> DUE in class on 4/01/13!!	
Apr 3	Tuberculosis
Apr 8	Maternal and Child Health
Apr 10	Influenza 1918 – And Beyond
Apr 15	Immigration and Public Health, Redux
Apr 17	Syphilis
Apr 22	Living in the Nanny State?
Apr 24	Polio I: The Worst Epidemic (group 1) and Polio II: Vaccine Trials and Errors (group 2)

MH/HS 509 Syllabus, January 2013 (DeLancey) 1/25/13 VERSION – 4

Apr 29	HIV/AIDS
May 1	Marlboro and McDonald's: Big Tobacco and Big Food
May 6	The New STIs
May 8	(Re-)Emerging Public Health Threats: Environmental, Microbial, Socio-Political & Course Review/Final Exam Review
May 10	!! Final Research Paper DUE !! 12-14 pp. printed copy DUE in MSC 1426 by 5PM on Friday, May 10, 2013.
May 12	!! Final Exam !! 2:45 PM – 4:45 PM, Sunday, May 12, 2013. (Room TBA by UW-Madison Registrar.)

COURSE READING ASSIGNMENTS:

Jan. 23 Introductions, Expectations, and Syllabus Review

Distributed in Class:

Barron Lerner, "'Tough Love' Lessons From a Deadly Epidemic," *New York Times*, June 27, 2006, D5.

This online audio file will be played in class:

Richard Knox, "Man Eluded Attempts to Control Deadly TB Strain," *All Things Considered*, National Public Radio, May 30, 2007,
<http://www.npr.org/templates/story/story.php?storyId=10554040>.

Jan 28 Smallpox and the Native Americans

Readings:

Gerald N. Grob, "New Diseases in the Americas," in *The Deadly Truth: A History of Disease in America* (2002; Cambridge, MA: Harvard University Press, 2005), 26-47.

Elizabeth Fenn, "Biological Warfare in Eighteenth-Century North America: Beyond Jeffrey Amherst." *Journal of American History* 86.4(March 2000): 1552-1580.

Jan 30 Inoculating against the Pox: Controversy and Acceptance

Readings:

John B. Blake, "Smallpox Inoculation Foments Controversy in Boston" in John Harley Warner and Janet A. Tighe, eds., *Major Problems in the History of American Medicine and Public Health: Documents and Essays* (Boston, MA: Wadsworth, 2001), 48-54.

For undergraduates, one of the following and for graduate students, all three of the following primary source documents, as follows:

Cotton Mather, *An Account of the Method and Success of Inoculating the Small-Pox, in Boston in New-England* (London: J. Pells, 1722), 1-26.

William Douglass, *Inoculation of the Small-Pox as Practiced in Boston, Consider'd in a Letter to A—S—M.D. & F.R.S. in London* (Boston: J. Franklin, 1722), i-20.

Zabdiel Boylston, *An Historical Account of the Smallpox Inoculated in New England upon All Sorts of Persons* (London: S. Chaudler, 1726), ii-v, 1-39.

MH/HS 509 Syllabus, January 2013 (DeLancey) 1/25/13 VERSION – 5

Feb 4 Bring out your Dead: Yellow Fever in Philadelphia

Readings:

- Matthew Carey, *A Short Account of the Malignant Fever Lately Prevalent in Philadelphia* (Philadelphia: printed by the author, 1794), selections.
- Elizabeth Drinker, "1793" section from "Middle Age in Years of Crisis, 1776-1793," in Elaine Forman Crane, ed., *The Diary of Elizabeth Drinker: The Life Cycle of an Eighteenth-Century Woman*, (1997; Philadelphia: University of Pennsylvania Press, 2010), 111-121.
- Absalom Jones and Richard Allen, *A Narrative of the Proceedings of the Colored People, During the late, awful calamity in Philadelphia in the year 1793* (Philadelphia: William W. Woodward, 1794).

Feb 6 Water and Temperance

Readings:

- Matthew Warner Osborn, "Diseased Imaginations: Constructing Delirium Tremens in Philadelphia, 1813-1832," *Social History of Medicine*, 19.2(2006): 101-132.
- Benjamin Rush, *An Inquiry into the Effects of Ardent Spirits upon the Human Body and Mind* (Boston, 1823), selections.

Feb 11 Cholera

Readings:

- Charles Rosenberg, *The Cholera Years: The United States in 1832, 1849, and 1866* (1962; Chicago: University of Chicago Press, 1987), 13-64.
- John Duffy, "The Social Impact of Disease in the Late 19th Century," in Judith W. Leavitt and Ronald Numbers, eds., *Sickness and Health in America*, 3rd edition (Madison: University of Wisconsin Press, 1997), 414-421.
- John Snow, *On the Mode of Communication of Cholera*, 2nd edition (1849; London: Churchill, 1855), 84-86.

Feb 13 Sanitary Science and the Civil War

Readings:

- Suellen Hoy, "American Wives and Mothers Join the Civil War Struggle in a Battle Against Dirt and Disease" in John Harley Warner and Janet A. Tighe, Eds. *Major Problems in the History of American Medicine and Public Health: Documents and Essays* (Boston, MA: Wadsworth, 2001), 181-189.
- Stephen Smith, "War and Hygiene," *American Medical Times* Vol. 7(August 22, 1863): 89-90.

Feb 18 Organizing Public Health

Readings:

- Gert Brieger, "Sanitary Reform in New York City: Stephen Smith and the Passage of the Metropolitan Health Bill," in Judith W. Leavitt and Ronald Numbers, eds., *Sickness and Health in America*, 3rd edition (Madison: University of Wisconsin Press, 1997), 437-451.
- Gretchen A. Condran, Henry Williams, and Rose Cheney, "The Decline in Mortality in Philadelphia from 1870 to 1930: The Role of Municipal Services," in Leavitt and Numbers, eds., *Sickness and Health in America*, 452-466.
- Council of the Citizens' Association of New York, Excerpts from *Report of the Council of Hygiene and Public Health upon the Sanitary Condition of the City* (New York: D. Appleton and Company, 1865), pp. 43-44, 49, 52, 64-65.

Feb 20 Water, Sewers, and Garbage

Readings:

- Judith W. Leavitt, "Milwaukee: The City and Its Health Problems," 10-41 and "The Politics of Health Reform: Garbage," 122-155, both in *The Healthiest City: Milwaukee and the Politics of Health Reform* (1982; Madison: University of Wisconsin Press, 1996).
- Louis P. Cain, "Raising and Watering a City: Ellis Sylvester Chesbrough and Chicago's First Sanitation System," in Leavitt and Numbers, eds., *Sickness and Health in America*, 531-542.
- R. Martin, "Disposal of Garbage at Milwaukee," *Public Health Papers and Reports* 15(1889): 63-64.

Feb 25 Urban Environments

Readings:

- Margaret Garb, "Health, Morality, and Housing: The 'Tenement Problem' in Chicago," *American Journal of Public Health* 93.9(2003): 1420-1430.
- Elizabeth Blackmar, "Accountability for Public Health: Regulating the Housing Market in Nineteenth-Century New York City," in David Rosner, ed., *Hives of Sickness: Public Health and Epidemics in New York City* (New York: Museum of the City of New York, 1995), 42-64.
- James Gallatin, "Tenement House Reform in the City of New York," *Public Health Papers and Reports* 6(1888): 309-317.

Feb 27 Bubonic Plague in San Francisco

Readings:

- Nayan Shah, "Plague and Managing the Commercial City," *Contagious Divides: Epidemics and Race in San Francisco's Chinatown* (Berkeley and Los Angeles: University of California Press, 2001), 120-157.
- Frank Morton Todd, *Eradicating Plague in San Francisco: Report of the Citizens' Health Committee and an Account of Its Work* (San Francisco, C. A. Murdoch and Company, 1909), 7-8, 30-33, 246-249.

Mar 4 The New Public Health

Readings:

- Nancy Tomes, "The Private Side of Public Health: Sanitary Science, Domestic Hygiene, and the Germ Theory," in Leavitt and Numbers, eds., *Sickness and Health in America*, 506-528.
- Charles V. Chapin, "Dirt, Disease and the Health Officer," *Public Health Papers and Reports* 28(1902): 296-299.
- Hibbert Winslow Hill, "Definitions," in his *The New Public Health* (New York: MacMillan, 1916), 1-6.

Mar 6 Midterm Exam Review

Mar 11 In-Class Midterm Exam

MH/HS 509 Syllabus, January 2013 (DeLancey) 1/25/13 VERSION – 7

Mar 13 Occupational Health, Accidents, and Other Dangers

Readings:

William Graebner, "Doing the World's Unhealthy Work: The Fiction of Free Choice," *The Hastings Center Report* 14.4(1984): 28-37.

David Rosner and Gerald Markowitz, "The Early Movement for Occupational Safety and Health," in Leavitt and Numbers, eds., *Sickness and Health in America*, 467-481.

Alice Hamilton, "Lead Poisoning in the United States," *American Journal of Public Health* 4.6(1914): 477-480.

Mar 18 Typhoid Mary Strikes Back

Readings:

Judith W. Leavitt, "'Typhoid Mary' Strikes Back: Bacteriological Theory and Practice in Early 20th Century Public Health," in Leavitt and Numbers, eds., *Sickness and Health in America*, 555-572.

L.C. Allen, "The Negro Health Problem," *American Journal of Public Health* 5.3 (1915), 194-203.

Mar 20 Food and Drug Safety

Readings:

Howard Markel, "When It Rains, It Pours: Endemic Goiter, Iodized Salt, and David Murray Cowie, M.D.," *American Journal of Public Health* 77.2(1987): 219-229.

Robert V. Tauxe and Emilio J. Estaban, "Advances in food Safety to Prevent Foodborne Disease in the United States," *Silent Victories: The History and Practice of Public Health in Twentieth-Century America* (Oxford: Oxford University Press), 18-43.

Upton Sinclair, *The Jungle* (1906; New York: Norton, 2003), 61-63, 32-42, 94-97.

!! REMINDER: Instant Thesis Exercise DUE in class on 3/20/13 for honors students and undergraduates who have chosen the Final Research Paper Option!!

Mar 25 & Mar 27 NO CLASS: SPRING RECESS

Apr 1 Public Health and the Law: From *Jacobson v. Massachusetts* to *Buck v. Bell*

Readings:

Wendy E. Parmet, Richard A. Goodman, Amy Farber, "Individual Rights versus the Public's Health – 100 Years after *Jacobson v. Massachusetts*," *New England Journal of Medicine* 352.7(2005): 652-654.

Leavitt, "The Politics of Health Reform: Smallpox," *The Healthiest City*, 76-121.

Martin S. Pernick, "Eugenics and Public Health in American History," *American Journal of Public Health*, 87(1997): 1767-1772.

"The Wisconsin Marriage Law Upheld," *Michigan Law Review* 13(1914-1915), 39-40.

!! REMINDER: 4pp. Primary Source Analysis Essay DUE in class on 4/01/13!!

Apr 3 Tuberculosis

Readings:

Tera Hunter, "Tuberculosis as the 'Negro Servants' Disease," in *To 'Joy My Freedom: Southern Black Women's Lives and Labors after the Civil War* (Cambridge, MA: Harvard University Press, 1997), 187-219.

Barron H. Lerner, "Still a Social Disease: Tuberculosis Control in the Antibiotic Era" and "Temporarily Detained: The Triumph of Coercion," both in *Contagion and Confinement: Controlling Tuberculosis along the Skid Road* (Baltimore: Johns Hopkins University Press, 1998), 56-77 and 116-138.

Apr 8 Maternal and Child Health

Readings:

- Jacqueline H. Wolf, "Saving Babies and Mothers: Pioneering Efforts to Decrease Infant and Maternal Mortality," in *Silent Victories*, 135-160
- Leavitt, "The Politics of Health Reform: Milk," *The Healthiest City*, 156-189.
- "D. Stearns: Health Officer of Milwaukee" in "Abstract of Proceedings and Discussions at the Fifth Annual Meeting, Chicago, 1877," *Public Health Papers and Reports* 4(1878): 331.

Apr 10 Influenza 1918 – And Beyond

Readings:

- Vanessa Northington Gamble, "'There Wasn't a Lot of Comforts in Those Days:' African Americans, Public Health, and the 1918 Influenza Epidemic," *Public Health Reports* 125.S3(2010): 114-125.
- Steven Burg, "Wisconsin and the Great Spanish Flu Epidemic of 1918," *Wisconsin Magazine of History*, Fall, 2000, 35-56.
- Julian A. Navarro, "Influenza in 1918: An Epidemic in Images," *Public Health Reports Supplement* 3, Volume 125(2010): 9-14.

Apr 15 Immigration and Public Health, Redux

Readings:

- Natalia Molina, "'We Can No Longer Ignore the Problem of the Mexican': Depression-Era Public Health Policies in Los Angeles" and "Epilogue: Genealogies of Racial Discourses and Practices," *Fit to Be Citizens: Public Health and Race in Los Angeles, 1879-1939* (Berkeley and Los Angeles: University of California Press, 2006), 116-157 and 179-188.

Apr 17 Syphilis

Readings:

- Allan Brandt, "Racism and Research: The Case of the Tuskegee Syphilis Study," in Leavitt and Numbers, eds., *Sickness and Health in America*, 392-404.
- Thomas R. Frieden and Francis S. Collins, "Intentional Infection of Vulnerable Populations in 1946-1948," *Journal of the American Medical Association* 304(18): 2063-2064.
- Re-examine:** "The Wisconsin Marriage Law Upheld," *Michigan Law Review* 13(1914-1915), 39-40.

Apr 22 Living in the Nanny State?

Readings:

- Alicia J. Ogle and Elizabeth A. Tillotson, "Should It Be the Law in Wisconsin That All Motorists Are Required to Wear Helmets?" *Journal of Trauma Nursing* 15.2(2008): 43-46.
- Sonia Angell et al, "Cholesterol Control Beyond the Clinic: New York City's Trans Fat Restriction," *Annals of Internal Medicine* 151.2(2009): 129-134.
- University of Wisconsin School of Medicine and Public Health, *Wisconsin Partnership Program: 2009-2014 Five-Year Plan* (University of Wisconsin: Madison, 2009) 1, 5, and 11.

MH/HS 509 Syllabus, January 2013 (DeLancey) 1/25/13 VERSION – 9

Apr 24 Polio I: The Worst Epidemic (Group 1) & Polio II: Vaccine Trials and Errors (Group 2)

Students Placed in Group 1 (Polio I: The Worst Epidemic) Read:

David M. Oshinsky, *Polio: An American Story* (New York: Oxford University Press, 2005), 1-42 and 79-91.

Students Placed in Group 2 (Polio II: Vaccine Trials and Errors) Read:

David M. Oshinsky, *Polio: An American Story* (New York: Oxford University Press, 2005), 188-288.

Apr 29 HIV/AIDS

Readings:

Allan Brandt, "AIDS in Historical Perspective: Four Lessons from the History of Sexually Transmitted Diseases," in Leavitt and Numbers, eds., *Sickness and Health in America*, 426-434.

Robert M. Wachter, "AIDS, Activism, and the Politics of Health," *New England Journal of Medicine* 326.2(1992): 128-133.

C. Everett Koop, "The Early Days of AIDS as I Remember Them" in *AIDS and the Public Debate* ed. Caroline Hannaway, et al (Washington, DC: IOS Press, 1995), 9-18.

May 1 Marlboro and McDonald's: Big Tobacco and Big Food

Readings:

Allan Brandt, "The Cigarette, Risk, and American Culture," in Leavitt and Numbers, eds., *Sickness and Health in America*, 494-528.

Kelly D. Brownell and Kenneth E. Warner, "The Perils of Ignoring History: Big Tobacco Played Dirty and Millions Died. How Similar Is Big Food?" *The Milbank Quarterly* 87.1(2009): 259-294.

Additional Assignment: Students should come to class with one primary source that reflects the presence of "Big Tobacco" or "Big Food" in present-day Wisconsin.

May 6 The New STIs

Readings:

Lawrence O. Gostin and Catherine D. DeAngelis, "Mandatory HPV Vaccination: Public Health vs. Private Wealth," *Journal of the American Medical Association* 297(2007): 1921-1923.

James Colgrove, "The Ethics and Politics of Compulsory HPV Vaccination," *New England Journal of Medicine* 355.23(2006): 2389-2391.

May 8 (Re-)Emerging Public Health Threats: Environmental, Microbial, Socio-Political

Readings:

Gregg Mitman, "Choking Cities," *Breathing Space: How Allergies Shape Our Lives and Landscapes* (New Haven, CT: Yale University Press, 2007), 130-166.

Wendy E. Parmet, "Legal Power and Legal Rights: Isolation and Quarantine in the Case of Drug-Resistant Tuberculosis," *New England Journal of Medicine* 357.5(2007): 433-435.

David A. Walton and Louise C. Ivers, "Responding to Cholera in Post-Earthquake Haiti," *New England Journal of Medicine*, published online December 9, 2010 (10.1056/NEJMp1012997).

ALSO May 8: FINAL EXAM REVIEW

- May 10 **!! Final Research Paper DUE !!**
12-14 pp. printed copy DUE in MSC 1426 by 5PM on Friday, May 11, 2012.
- May 12 **!! Final Exam !!** 2:45 PM – 4:45 PM, Sunday, May 12, 2013.
(Room TBA by UW-Madison Registrar.)