Joel D. Howell MD PhD

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### ACADEMIC POSITIONS

**University of Michigan**

Victor Vaughan Collegiate Professor of the History of Medicine 2001-

Department of Internal Medicine Instructor, 1984-1986

 Assistant Professor, 1986-1990

 Associate Professor, 1990-1997

 Professor, 1997-

Department of History Assistant Professor, 1988-1990

Associate Professor, 1990-1997

 Professor, 1997-

Department of Health Management and Policy Assistant Professor, 1986-1990

 Associate Professor, 1990-1997

 Professor, 1997-

Honors Program Professor, 2017-

### EDUCATION

**University of Pennsylvania**, Department of History & Sociology of Science Ph.D. 1987

 *Supervisor:* Rosemary Stevens

**University of Chicago**, Medical School M.D. 1979

**Michigan State University**, Lyman Briggs College B.S. 1975

*Postgraduate Training and Fellowship Appointments*

**University of Pennsylvania**, Robert Wood Johnson Clinical Scholar 1982-1984

Senior Fellow, Leonard Davis Institute of Health Economics

**University of Chicago**, Intern and resident in Internal Medicine 1979-1982

 Directed required weekly ethics seminar for junior medical students

*Teaching*

**Medical School**

 1984- Medical history lectures in required courses for 1st- and 2nd-year students

 1984- Elective course in medical history for 4th-year students

 1984- Research Supervisor, Student Summer Research Fellowships

 1994- 2005 “Law and Medicine,” jointly taught with Professor of Law Carl Schneider, to law students and 4th-year medical students

 1994- “History of the University of Michigan Medical School” at Medical School Orientation

 2002-2005 “Tuskegee Experiments” & “Women in Medicine,” M1 Classroom Electives

 2005 - “Social and Cultural Aspects of Research on Health and Society,” required course for Master’s in Health and Health Services Research

 2008-2009 “Leadership,” required course for Master’s in Health and Health Services Research

 **College of LSA**

 1995- Supervision of Senior LSA History honors theses

 2003 History 300, the History of Epidemics (with Powel Kazanjian),

 2003- Yearly sessions to courses on Men’s Health (Women’s Studies) and AIDS (American Culture)

1. History 396, Histories of Human Experimentation

2008-2009 History 891, Dissertation Writing Seminar

2010- History 234, History of Medicine in the Western World from the 18th Century to the Present

2016 History 611, The Literature of American History

2016 History 615, Introduction to the Comparative Study of History

2017- Honors 230, Histories of Human Experimentation

 **Senior Resident Research Projects Supervised**

 1984-85 Steven Martin, “The Birth of Osteopathy: A Social History of Health Care, 1880 to 1920;” Gregory Gramelspacher, “Perceptions of Ethical Problems by Nurses and Doctors” (with Mark Young and Ronald Bishop)

 1985-86 Carol Marinch, “A Fair Chance for the Girls: Medical Education for Women at the University of Michigan, 1870-1890;” Jane Gilmore, “Improper Behavior: How Internists and Surgeons Judge Medical Mistakes”

 1987-88 Kathy Gromer, “Necessity and the Mothers of Invention: Respiratory Technology at the University of Michigan Medical Center in Historical Perspective”

 1988-89 Mark Ivey, “Getting to the Point: A History of the Hypodermic”

 1992-93 Michael Berkwits, “Clinical Reasoning and Uncertainty: Statistics, Heuristics, and Hermeneutics”

 1993-94 Catherine Caldicott, “What's In a Word? An Analysis of Medical Metaphors”

 1996-97 Andrew Chang, “Franklin Johnston”

 2001-2002 Timothy Cotts, “Yellow Fever in the 20th Century”

 **PhD Committees**

 1987 Mary Nagle Wessling, Department of History, “Medicine and Government in Early Modern Württemberg”

 1991 Suzanne Marie Irene Gaynor, Department of Health Services Management and Policy, “Decisions without Data: An Analysis of Decision Making Concerning the U.S. Blood Supply During the AIDS Crisis”

 1991 John James Economos, Department of Philosophy, “A Non-Reductive Account of Function Statements in the Life Sciences”

1. David Leslie Juchau, Department of History, “Transitions in American Medical Therapy and the Older Patient, 1820-1920”

1999 Karen Honeycutt, Department of Sociology, “Body Imperfect: The Social Construction of Fatness”

 1999 Christine Kae Bass (Co-Chair), Program in American Culture, “It Did Not Seem Like a Hospital it Seemed Like Home: Women's Experiences as Patients at Peterson's Hospital, Ann Arbor, Michigan, 1902-1933”

 2000 Jonathan Metzl, Program in American Culture, “The Freud of Prozac: Tracing Psychotropic Medications Through American Popular Culture, 1950-2000”

 2002 Robert Cox, Department of History, “Without Crucible or Scalpel: A Sympathetic History of American Spiritualism”

 2003 Alyssa Picard, Department of History, “Making the American Mouth: Esthetic Dentistry and the Construction of Race, Class and National Identities in the 20th Century United States”

 2005 Atsuko Naono, Department of History, "The State of Vaccination: British Doctors, Indigenous Cooperation, and the Fight Against Smallpox in Colonial Burma."

 2006 Lisa Harris, Program in American Culture, “A Clinical and Cultural History of In-Vitro Fertilization in the United States”

 2007 Sarah Arvey, Departments of History and Anthropology, “Labyrinths of Love: Sexual Propriety, Family, and Social Reform in the Second Cuban Republic, 1933-1958”

 2009 Dea Boster, Department of History, “Unfit for Bondage: Disability and African American Slavery in the United States, 1800-1860”

2012 Powel Kazanjian (Chair), Department of History, “The Beginnings of Bacteriology in American Medicine: Activities of Frederick Novy 1888-1933”

2014 Tara Dosumu Diener, Department of History

2015 Caroline Steiger, School of Music DMA (French Horn, performance)

2016 Alex Hayashi, School of Music, DMA (Oboe, performance)

2017-18 Stephen Meyer, School of Music, DMA (Conducting)

2017 César Cañón, School of Music, DMA (Collaborative Piano)

 2017 Angel Elizondo, School of Music, DMA (Tuba)

**Other Graduate Teaching**

 1990- Graduate Readings Courses in History & Sociology of Medicine and History & Sociology of Technology for students in the Department of History and the Program in American Culture

 2002 Rackham Interdisciplinary Seminar: “Technology, Ideology and Power.” Advanced Graduate Seminar given to graduate students from Medical School, History, Anthropology and School of Information, with Gabrielle Hecht and Paul Edwards

### MAJOR COMMITTEE AND ADMINISTRATIVE SERVICE

##### Department of Internal Medicine

 1991-2000 Chair, Committee on Medical Ethics

 1999-2007 Member, Faculty Performance Evaluation Committee

##### Medical School and University

 1990-2000 Member, Liaison Committee, Historical Center for the Health Sciences

 1991- Director, Program in Society and Medicine

 1993-2007 Co-Director and Director, Robert Wood Johnson Clinical Scholars Program

 1994-1999 Chair, Working Group on Health and Medicine, International Institute

 1995-1999 Chair, Search Committee for Joint Positions in International Health, International Institute

 1995-1996 Chair, Historical Center for the Health Sciences Review Committee, Medical School

 1993- Member, Medical Scientist Training Program Career Advisory Panel

 1999-2002 Member, *University of Michigan Press* Executive Committee

 1999- Faculty Affiliate, Women’s Studies Program

 2000-2004 Member, Advisory Board of the Life Sciences, Values and Society Program

 2001-2003 Member, Information Security and Privacy Committee

 2003 Member, Francis Bacon Award in the History and Philosophy of Science and Technology selection committee (ad hoc)

 2003- Member, Planning Committee and then Steering Committee for Science, Technology and Public Policy Program

 2003-2012 Member, Robert Wood Johnson Foundation Health and Society Scholars Program Steering Committee

 2004-2006 Member, Advisory Board of the Center for Research on Learning and Teaching

 2005- Member, STS Steering Committee

 2006-2007 Interim Co-Chair, Ethics in Public Life Initiative

 2006 -2007 Member, Dean’s Task Force on Team Scholarship

 2006-2007 Member, Medical School Advisory Committee on Promotions and Tenure

 2007-2008 Member, Search Advisory Committee, Dean of Ford School of Public Policy, University of Michigan

 2008 Chair, Medical School Review Committee for Bioethics Program

 2008- Director, Medical Arts Program

 2008-2009 Member, Search Committee for Palmer Chair, Department of History

* 1. Director, Program in Science, Technology, and Society

2009- 2010 Member, Review Committee for the University of Michigan Substance Abuse Research Center (UMSARC)

2009- 2012 Associate Chair, Department of History

2008 -2012 Member, *University of Michigan Press* Executive Board

2008- 2009 Member, Educational Program for the MD Degree Subcommittee, Self-Study Task Force for LCME Site Visit

2008-2009 Member, Interdisciplinary Faculty Initiative Faculty Review Committee

2009- Affiliate, National Poverty Center

2009-2016 Member, University Musical Society Board of Directors

2012- Member, Center for Bioethics and Social Sciences in Medicine Advisory Board

2009- 2016 Member, MHealthy Scientific Advisory Committee

2013- Member, Committee for Student Biomedical Research

2015-2016 Director, Program, in Science, Technology, and Society

2017- Associate Director UM National Clinician Scholars Program

##### National

 2000 Member, National Institutes of Health, History of Medicine Study Section

 2004-05 Member, Jackson Prize Committee

 2004 Member, Society of General Internal Medicine Yearlong Mentoring Program for Faculty

 2005 Member, External Review Committee, Case Western Reserve University Department of History

2006 External Reviewer, Institute of Medicine Workshop Summary on “Assessing the Medical Risks of Oocyte Donation for Stem Cell Research”

 2007 - 2009 Member, Review Committee for ACLS Fellowships

 2009 NIH Stage 1 Reviewer for Challenge Grants

### LICENSURE and SPECIALTY CERTIFICATION

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 1982 Diplomate, American Board of Internal Medicine, 84866

 1984 Michigan 47269

### SELECTED AWARDS and FELLOWSHIPS

1971-1975 National Merit Scholar

 1975 Graduation from college with high honor, F.B. Dutton Award as the outstanding senior student

 1979 Graduation from medical school with honor, R. W. Reilly Award for outstanding aptitude in gastroenterology

 1989 University of Michigan Faculty Recognition Award

 1989-92 Henry J. Kaiser Foundation Faculty Scholar in General Internal Medicine

 1990 Class of 1992 Certificate of Outstanding Lectureship (for teaching in first two years)

 1990 Named one of ten best instructors for M1 and M2 ICS course

 1991 Named one of ten best instructors for M1 ICS course

 1992-96 Charles E. Culpeper Foundation Medical Humanities Scholar

1. Honors Convocation Speaker, University of Michigan Medical School
2. Alpha Omega Alpha, Honor Medical Society

 1999 Department of Internal Medicine Teaching Award, given for the first time this year to top 14% of teachers

 2001-05 Society of Fellows, University of Michigan

 2007 Distinguished Alumni Speaker, Lyman Briggs College, Michigan State University

 2007 Annie Lea Shuster Alumni Speaker, Robert Wood Johnson Clinical Scholars Program National Meeting

 2008 Medical Student Award for Teaching Excellence

 2009 Charles H. Rammelkamp, Jr., Visiting Professor, MetroHealth Medical Center, Cleveland, OH, 10-13 November 2009

 2011 “Token of Appreciation from Medical Students Award,” University of Michigan

 2013 Nicholas E. Davies Memorial Scholar Award for Scholarly Activities in the Humanities and History of Medicine, American College of Physicians

 2013 John P. McGovern Award, UTMB, Galveston

 2014 Gheens Foundation Visiting Scholar in Humanism and Medicine, University of Louisville

 2014 American Journal of Public Health (AJPH) reviewer of the year

 2016 Distinguished Alumni Award and Commencement Speaker, Lyman Briggs College, Michigan State University

 2018 Nominated for Golden Apple Award, University of Michigan

### GRANT SUPPORT

 Wellcome Trust Travel Grant, 1984

“A Historical Approach to the Perception and Application of Medical Technology,” Henry J. Kaiser Family Foundation, Grant 84-2922, 1985

“Diagnostic Technology in American Hospitals, 1895-1925,” National Endowment for the Humanities, Grant RH-20763-86, 1986-1990

“Use of Medical Technology in English Hospitals, 1890-1920,” Rackham Faculty Grant, 1986

ACLS Travel Grant, 1988

American College of Physicians Willard O. Thompson Memorial Traveling Scholarship, 1989-90

Wellcome Research Travel Grant, 1989, 1995

National Endowment for the Humanities: Travel to Collections Grant, 1989

Henry J. Kaiser Foundation Faculty Scholar in General Internal Medicine, 1989-92, “Medical Care for Cancer Patients in American and English Hospitals, 1900-1925,” University of Michigan Cancer Center, 1990

University of Michigan Rackham School of Graduate Studies, Research Partnership Award (with Christine Bass-Rivera), 1995-1996

“Making Modern Medicine: Technology and U.S. Health Care,” Burroughs Wellcome Fund Award in the History of Medicine, APP#1027, 1997-2000

“Technology and Health Policy in the U.S. and England, 1925-1995,” Robert Wood Johnson Foundation Investigator Award in Health Policy Research, 1997-2001

Robert Wood Johnson Foundation, Health & Society Scholars Program, Senior Investigator, 2002-2006

Co-Director, Robert Wood Johnson Clinical Scholars Program, 1995-2005

Director, Robert Wood Johnson Foundation, CSP Planning Grant, 2003-2005

Co-investigator, NIH T15 Grant, Valid Consent/Refusal: A Core Competency for Research, 2004-2007

Director, Robert Wood Johnson Clinical Scholars program, 2005-2007; Senior Associate Director 2008-2017

The Medical Arts Program, funded by the Association of Performing Arts Presenters through the Creative Campus Innovations Grant Program, 2010 – 2012

The Medical Arts Program, Doris Duke Charitable Foundation, 2012-2013

*Membership in Professional Societies (including offices held)*

 American Association for the History of Medicine, 1981

Member, Committee on Archives and Manuscripts, 1987-1989

 Member, Committee on Development, 1988-1990

 Chair, Committee on Medical Students, 1989-1990

 Member, Welch Medical Committee, 1990-1991

 Member, Council, 1991-1994

 Chair, Osler Medal Committee, 1994

 Member, Committee on Electronic Media, 1995-2004

 Member, Nominating Committee, 2008-2010

 Member, Program Committee, 2011

 Member, Garrison Lecture Selection Committee, 2011

 Chair, Osler Medal Committee, 2011

 Chair, Garrison Lecture Selection Committee, 2012

 American College of Physicians: Associate, 1981; Member, 1984; Fellow, 1987; Master 2018

 American Osler Society, 1987

 Member, Board of Governors, 1994-1997

 Member, Annual Meeting Program Committee, 2013-14

 American Society for Bioethics and Humanities (formerly Society for Health and Human

 Values), 1983

 American Clinical and Climatological Association, 2014

 American Society for Clinical Investigation, 1998

 History of Science Society, 1982

 International Network for the History of Hospitals, 1997

 Member, Advisory Board, 1997-

 Royal Society of Medicine (London): Fellow, 1992

 Society of General Internal Medicine, 1983

 Member, Abstract Selection Committee for National Meeting, 1991

 Co-chair, Abstract Selection Committee for National Meeting, 1993

 Member, Review Committee for Small Group Sessions, 1994

 Member, Abstract Selection Committee for National Meeting, 1999, 2001, 2003,

 2004, 2014

 Chair, Abstract Selection Committee, 2007

### MEMBER OF EDITORIAL BOARD

 *Biomedical Instrumentation*, 1989-1992

 *Caduceus*, 1989-1997

 *Journal of General Internal Medicine*, 1995-1998

 *Technology and Culture*, 1998 - 2006

 *Journal of the History of Medicine and Allied Sciences*, 1992-1995, 1999-

 *Bulletin of the History of Medicine,* 2008-2011

 *Academic Medicine (associate editor)*, 1995-1999

### MANUSCRIPT REVIEWER and CONSULTANT

*Academic Medicine,* American Civil Liberties Union, *American Historical Review, American Journal of medicine, American Studies, Annals of Internal Medicine, Bulletin of the History of Medicine, Caduceus,* Center for Reproductive Rights, *Comparative Studies in Society and History,* Duke University Press, Gordon and Breach Science Publishers, Hannah Institute for the History of Medicine, Harvard University Press, *Hastings Center Report, Health Services Research, IEEE STARS Article Series, Isis, Johns Hopkins Medical Institutions' Records Project, Johns Hopkins University Press, Journal of American History, Journal of General Internal Medicine, Journal of Health Policy, Politics, and Law, Journal of the American Geriatrics Society, Journal of the American Medical Association, Journal of Historical Sociology, Journal of Medical Humanities, Journal of the History of Medicine and Allied Sciences, Journal of Theoretical Medicine and Bioethics, Literature and Medicine, Medical Anthropology Quarterly, Medical History, Medical Instrumentation, National Endowment for* the Humanities, National Historical Publications and Records Commission, National Science Foundation, *New England Journal of Medicine,* Oxford University Press, *Pennsylvania Magazine of History and Biography,* Rutgers University Press, *Science, Technology, and Human Values, Social History of Medicine, Technology and Culture,* Temple University Press, University of Michigan Press, University of Minnesota Press, University of North Carolina Press, University of Pennsylvania Press, University of Rochester Press

### COMMUNITY SERVICE

 Volunteer physician, Shelter Association of Ann Arbor Health

 Clinic, Ann Arbor, Michigan, 1992-

 Volunteer Referee, Superball Basketball Tournament, 2001- 2005

 (tournament no longer held)

 Member Ann Arbor Bicycle Touring Committee “BASE” Committee

 (Bicycle Advocacy Safety Education), 2008-

 Presentations to community organizations (Adult Learning Institute, District Library)

### LECTURES BY INVITATION

 4/24/81 “James Mackenzie and Thomas Lewis: From Polygraph to ECG” – Wellcome Symposium in honor of Sir Thomas Lewis, London, England

4/29/82 “Initial Clinical Application of the Electrocardiogram: From Arrhythmia to Infarction” – American Association for the History of Medicine 1982 Annual Meeting, Washington, D.C.

12/02/82 “Early Perceptions of the Electrocardiogram” – Johns Hopkins University Institute for the History of Medicine, Baltimore

1/13/83 “A Brief History of Therapy for Rheumatoid Arthritis” – Rheumatology Department, University of Pennsylvania, Philadelphia

10/21/83 “Technology is Not Enough: Failure of the Ballistocardiogram to Become an Accepted Clinical Tool” – Society for the History of Technology 1983 Annual Meeting, Washington, D.C.

11/07/83 “Changing Perceptions of the ECG: From Arrhythmia to Infarction” – Robert Wood Johnson Foundation Clinical Scholars Program 1983 Annual Meeting, Orlando

10/29/84 “The Rise and Fall of the Ballistocardiogram” – Robert Wood Johnson Clinical Scholars 1984 Annual Meeting, Orlando

11/3/84 “Machines and Medicine: Technology Transforms the American Hospital” – presented at “Hospitals/Communities. A Three-Day Conference on the History of the American Hospital,” November 2-4, 1984 at the Francis C. Wood Institute for the History of Medicine, The College of Physicians of Philadelphia

4/19/85 “From Soldiers' Heart to the Cardiac Club: War, Disease Definitions, and Specialty Formation in Early 20th Century Great Britain” – Conference on Science in Modern Medicine sponsored by the Society for the Social History of Medicine and the Society for the History of Science, Manchester, United Kingdom

4/23/85 “Medical Technology at the Pennsylvania Hospital, 1897-1927” – Wellcome Institute for the History of Medicine, London

5/30/85 “Soldiers' Heart” – Johns Hopkins University Institute for the History of Medicine, Baltimore

5/31/85 “History of the Ophthalmoscope” – Johns Hopkins Department of Ophthalmology, Baltimore

6/25/85 “The Graphic Method and the Human Heart” – opening of exhibit on the graphic method, The Bakken Museum of Electricity in Life, Minneapolis

11/18/85 “Teaching the History of Medicine” – 3rd Annual Symposium on Teaching Internal Medicine, Baltimore

1/12/86 “Machines and Medicine in the American Hospital: 1880-1930” – Wellcome Institute for the History of Medicine Research Seminar, London

1/17/86 “Physiology and Clinical Medicine? The Case of Heart Disease” – American Physiological Society Conference on Physiology in the American Context: 1850-1940, Bethesda

3/22/86 “From Clinical Charts to Barney Clark: American Cardiology in the Twentieth Century” – The Second Wood Institute Conference; Grand Rounds: A Hundred Years of Internal Medicine, The College of Physicians of Philadelphia

5/2/86 “AIDS in Historical Perspective” – SREPCIM 1986 Annual Meeting, Washington, D.C.

5/4/86 “Technology and the Birth of the American Hospital” – AFCR 1986 Annual Meeting, Washington, D.C.

6/17/86 “Specialties and The ABIM - A Historical Perspective” – American Board of Internal Medicine 50th Anniversary Celebration, Philadelphia

6/8/87 Science, Technology, and Values Faculty Workshop, University of Notre Dame, South Bend, Indiana

7/31/87 “Frank N. Wilson” – Grand Rounds, Department of Medicine, University of Michigan, Ann Arbor, Michigan

9/19/87 “Funding for Medical Research and the Funding of the Rackham Arthritis Research Unit” – Rackham Arthritis Research Unit 50th Anniversary Celebration, Ann Arbor, Michigan

10/31/87 “Machines and Medicine: Medical Technology and the Transformation of the American Hospital, 1890-1930” – Zverina Lecture, The Cleveland Health Sciences Library, Cleveland

11/12/87 “Why Are We Who We Are: A History of Internal Medicine” – Presidential Dinner, Central Society for Clinical Research, Chicago

1/19/88 “The Invention of American Internal Medicine: A Brief History” – Grand Rounds, Department of Internal Medicine, University of Chicago

4/30/88 “1917 Regional Variation in Health Care Expenditures” – AFCR 1988 Annual Meeting, Washington, D.C.

5/13/88 “Who Are We and Why? A Brief History of Internal Medicine” – American College of Physicians, Michigan Chapter, Associate Meeting, Ann Arbor, Michigan

5/24/88 “Twentieth Century Health Science: The Role of Technology” (commentary) – Twentieth Century Health Sciences: Problems and Interpretations, University of California, San Francisco

6/16/88 “Contemporary Medical Practice: Implications for Archivists and Historians” – NLM/AAHM Conference on Documenting Modern Medicine, National Library of Medicine, Bethesda

7/13/88 “Patient Care at Guy's and the Pennsylvania Hospital, 1900-1920” – British Society for the History of Science and the History of Science Society (Joint Conference), Manchester, England

9/24/88 “Frank N. Wilson” – American College of Physicians Michigan Scientific Meeting, Grand Traverse Village, Michigan

10/15/88 “What Is the History of Ultrasound?” – History of Medical Ultrasound Symposium, WFUMB/AIUM World Ultrasound Meeting, Washington, D.C.

4/19/89 “Which Road to the Grail?” – Department of the History of Medicine, University of Wisconsin, Madison

4/26/89 “Subspecialty Formation in Medicine” – SGIM Interest Group on Humanities, SGIM Annual Meeting, Crystal City, Virginia

4/28/89 “Using Clinical Records for Historical Research” – American Association for the History of Medicine Annual Meeting, Birmingham, Alabama

11/3/89 “Medicine, Machines, and Science in the Early Twentieth Century” – Grand Rounds, Department of Internal Medicine, University of Michigan, Ann Arbor, Michigan

11/6/89 “Race, Income, and the Purchase of Medical Care by Working-Class Urban Households in 1917” – Robert Wood Johnson Clinical Scholars Annual Meeting, Ft. Lauderdale, Florida

11/14/89 “Machines and Medicine in the Early Twentieth-Century Hospital” – The Heberden Society, The New York Hospital-Cornell Medical Center, New York, New York

3/24/90 “Machines, Medicine, and Science in the Early Twentieth-Century American Hospital” – The Society for Historians of the Gilded Age and Progressive Era at the Organization of American Historians, Washington, D.C.

4/6/90 “Nineteenth-Century Medical Care” – Cobblestone Farm, Ann Arbor Parks System, Ann Arbor, Michigan

9/19/90 “From Arrhythmia to Infarction” – Grand Rounds, Roosevelt Hospital, New York, New York

9/27/90 “The Role of Women and Minorities in Medicine in a Historical Perspective” – Guest Lecture Series, University of Michigan Medical School, Ann Arbor, Michigan

10/16/90 “Body Images: Gender, Machines, and Medicine in the Early-Twentieth Century” – Institute for the Humanities, University of Michigan, Ann Arbor, Michigan

10/20/90 “Body Images: Gender, Machines, and Medicine in the Early-Twentieth Century” – Society for the History of Technology, Annual Meeting, Cleveland, Ohio

2/15/91 “Diagnostic Technology” – 1991 USC Law Symposium, Biomedical Technology and Health Care: Social and Conceptual Transformations, Los Angeles, California

5/2/91 “Professional Historians Practicing Medicine?” – Luncheon Workshop at American Association for the History of Medicine, Annual Meeting, Cleveland, Ohio

5/10/91 “Hospital Histories: Prospects and Pitfalls” – Inaugural Conference on History of Health Care and Health Science in Michigan, University of Michigan Historical Center for the Health Sciences, Ann Arbor, Michigan

5/20-22/91 Participant, “The Study of the Sick. An Oral History Conference on the Development of Clinical Research” – sponsored by the National Library of Medicine and the Acadia Institute, Philadelphia, Pennsylvania

5/30/91 “A Brief History of Eugenics, with some Comments on the importance of history for gene therapy research” – Experimental Models of Gene Therapy Seminar, University of Michigan, Ann Arbor, Michigan

6/24/91 “Tuskegee, Dachau, Willowbrook: Three Case Studies in the History of Human Experimentation” – Grand Rounds, Department of Internal Medicine, University of Michigan, Ann Arbor, Michigan

10/18/91 “Lowell T. Coggeshall, the Association of American Medical Colleges, and the Past and Future of American Medical Education” – The University of Chicago Centennial Celebration – The Future of American Medical Education: The Legacy of Lowell T. Coggeshall, Chicago, Illinois

1/23/92 “On Fishes, Hydrodynamics, and Subversion: Some Practical Suggestions for Living in Two Worlds” – The Pew Program in Medicine, Arts, and Social Sciences, University of Chicago, Chicago, Illinois

1/27/92 “Lowell T. Coggeshall, the Association of American Medical Colleges, and the Past and Future of American Medical Education” – Professional seminar given to the Association of American Medical Colleges, Washington, D.C.

4/30/92 “The Historian's Role as Researcher, Teacher, and User of Twentieth Century Materials” – Association of the Librarians in the History of the Health Sciences Annual Meeting, Seattle, Washington

8/17/92 “An Historical Perspective on the University of Michigan Medical School” – to matriculation ceremonies for class of 1996, Ann Arbor, Michigan

10/3/92 “Great Internists from Michigan's Past: Louis Harry Newburgh” – American College of Physicians, Michigan Scientific Meeting, Grand Traverse Village, Michigan

10/14/92 “Machines and Medicine: The Historical Roots of America's Obsession with Medical Technology” – John Kingsley Lattimer Lecture, New York Academy of Medicine, New York, New York

11/5/92 “Machines and Medicine: Technology and the Transformation of the American Hospital” – American Institute of Architects, Cincinnati, Ohio

11/19/92 “Science Fiction? Stories and Medical Technology in the Early Twentieth Century” – Indiana University Center for the History of Medicine, Indianapolis, Indiana

11/20/92 “The X-Ray Image: Meaning, Gender, and Power” – Indiana University Department of History, Bloomington, Indiana

5/15/93 “The Network Environment: What's In It For You?” – American Association for the History of Medicine, Louisville, Kentucky

5/24/93 “Science, Medicine, and the Germ Theory of Disease: Reflections on the 150th Anniversary of Robert Koch's Birth” – Grand Rounds, Department of Internal Medicine, University of Michigan, Ann Arbor, Michigan

5/26/93 “Science, Charts, and Medical Art” – Seminar presentation to "Art and Medicine: From the Enlightenment to the Post Modern,” Department of Art History, University of Chicago, Chicago, Illinois

5/27/93 “Tuskegee, Dachau, Willowbrook: Three Case Studies in the History of Human Experimentation” – Fishbein Dinner, Society of Medical History of Chicago, Chicago, Illinois

6/10/93 “Using Computers to Teach Medical History: Some American Examples” – Society for the Social History of Medicine, Southampton, England

10/17/93 “Round Table: Historical Data and Analysis” – Meeting of the ICPSR Official Representatives, "The ICPSR in the 21st Century," Ann Arbor, Michigan

4/8/94 “Is There a Future for the Physician-Social Scientist?” – National Meeting of Social Science MD/PhD Students and Graduates, Harvard Faculty Club, Cambridge, Massachusetts

4/10/94 “Teaching the Social Sciences in Medicine”– National Meeting of Social Science MD/PhD Students and Graduates, Harvard Faculty Club, Cambridge, Massachusetts

4/11/94 “Tuskegee, Dachau, Willowbrook: Three Case Studies in the History of Human Experimentation” – University of washington Clinical Scholars Program, Seattle, Washington

4/30/94 “Emerging Options for Training Clinician-Historians” – *Quo Vadis*, the Clinician-Historian? Clinician-Historians Breakfast Meeting, American Association for the History of Medicine, New York, New York

6/9/94 “Time Present, Time Past, Time Future” – Honors Convocation, University of Michigan Medical School, Ann Arbor, Michigan

9/14/94 “Early English and U.S. Use of X-rays: Different? the Same? and Does it Matter?” – History of Medicine Programme, University of Toronto, Toronto, Ontario, Canada

9/16/94 “The X-ray Image: Meaning, Gender, and Power” – Royal College of Physicians and Surgeons of Canada, Toronto, Ontario, Canada

12/6/94 “Machines and Medicine: Early Use of the X-ray in America, 1895-1925” – Programs in Medical Classics, University of California, Los Angeles, California

2/24/95 “Writing Willowbrook, Reading Willowbrook: The Recounting of a Medical Experiment” - Regulating Human Experimentation in the United States: The Lessons of History, Columbia University, New York City, New York

3/19/95 “Constructing Social Identity” - Commentary, Britain and Its Others, Second Annual Graduate Student Conference, Program in British Studies, University of Michigan, Ann Arbor, Michigan

3/26/95 “Science and Technology After the Wall” - Commentary, Beyond the Wall, International Institute, University of Michigan, Ann Arbor, Michigan

5/4/95 “Diagnosis Using X-rays: The First Three Decades” – Radiology Centennial Commemorative Conference, Bethesda, Maryland

6/3/95 “Ethics, Eugenics, and Gene Therapy” – Temple Beth Emeth, Ann Arbor, Michigan

6/13/95 “Early Diagnostic Radiology” – Röntgen Centenary Congress, Birmingham, England

9/27/95 “Making Modern Medicine” – Department of Family Practice Research Seminar, University of Michigan, Ann Arbor, Michigan

10/6/95 “Looking Back to 1945” – Medical Center Alumni Society, University of Michigan, Ann Arbor, Michigan

10/26/95 “Technology and the Creation of Modern Medicine” – Robert Wood Johnson Scholars in Health Policy Research Program, Site Visit, University of Michigan, Ann Arbor, Michigan

10/29/95 “Early Diagnostic Radiology – Machines, Pictures, and Power: 1895-1925” – History of Science Society Annual Meeting, Minneapolis, Minnesota

11/2/95 “Making Modern Medicine: One Hundred Years of X-Ray Vision” – Michigan State Medical Society, Lansing, Michigan

11/15/95 “Technology and the Creation of Modern Medicine” – Samuel X. Radbill Lecture to the College of Physicians of Philadelphia, Philadelphia, Pennsylvania

11/27/95 “One Hundred Years of X-Rays: The Making of Modern Medicine” – Grand Rounds, Department of Medicine, University of Michigan, Ann Arbor, Michigan

12/6/95 “Tuskegee: Past and Present” – STD & HIV: Common Issues, Common Goals, Michigan Department of Public Health, Lansing, Michigan

1/8/96 “Technology and the Creation of Modern Medicine” – Department of Science and Technology Dynamics, University of Amsterdam, Amsterdam, Netherlands

1/16/96 “Science, Discourse, and Power: Re-examining Objective Discourse About Race, Sex, and Culture” – Evenings at the Rackham, University of Michigan, Ann Arbor, Michigan

3/1/96 “Managed Care and Medical Innovation” – Conference on Regulating Medical Innovation, University of Virginia School of Law, Charlottesville, Virginia

3/14/96 “Happiness After the Clinical Scholars Program: Lessons from Wotan and Fricka” – Clinical Scholars Program, University of Chicago, Chicago, Illinois

10/17/96 “Tuskegee, Dachau, Willowbrook: Three Case Studies in the History of Human Experimentation” – Internal Medicine Grand Rounds, University of Alabama at Birmingham, Birmingham, Alabama

11/12/96 “From Mackenzie to *Middletown*: Historical Perspectives on Medical Education Research in a Changing World” – 14th Annual RIME Invited Address, AAMC Annual Meeting, San Francisco, California

11/12/96 “Technology and the Creation of Modern Medicine” – Department of the History of Health Sciences, University of California-San Francisco, San Francisco, California

11/12/96 “Willowbrook State Hospital and Human Experimentation” – History of Medicine and Culture Group, University of California-San Francisco and University of California-Berkeley, San Francisco, California

12/11/96 Managing a Research Career Workshop (Chair), Robert Wood Johnson Foundation Generalist Physician Faculty Scholars Program National Meeting, San Antonio, Texas

2/21/97 “Public Perceptions of the X-ray Image: Meaning, Gender, and Power, 1895-1925” – Institute for the Humanities Conference on Ideals of Appearance, University of Michigan, Ann Arbor, Michigan

3/27/97 “Technology and the Invention of the Modern Hospital” – Reynolds Medical History Society, Pittsburgh, Pennsylvania

3/28/97 “Impact of Technology on 20th Century American Hospitals” – Grand Rounds, Department of Internal Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania

5/6/97 “The X-ray Image: Medical Perceptions and Public Meanings in the Early Twentieth Century” ­– Dartmouth College, Hanover, New Hampshire

9/30/97 “Information Technology in the Early-Twentieth Century Hospital” – National Library of Medicine, Bethesda, Maryland

10/7/97 “Technology and the Invention of Modern Medicine” – Grand Rounds, Department of Pediatrics, New York University, New York City, New York

12/4/97 "Historical & Current Issues in Human Radiation Research" (with Gerald D. Abrams, MD) – Research Responsibility Program, University of Michigan, Ann Arbor, Michigan

1/5/98 “Negotiating Power at the Bedside: Doctors and Patients in the 19th and 20th Century U.S.” – American Historical Association Annual Meeting, Seattle, Washington

1/23/98 “X-Ray use in England, 1896-1920: Two Case Studies” – Workshop on the History of Radiation in Medicine, Manchester, England

3/12/98 “Body Images and Imagined Bodies: The 1895 Invention of the X-ray” – Hyogo Obesity Research Association, Kobe, Japan

3/13/98 “The X-ray Image: Medical Perceptions and Public Meanings in the Early 20th Century” – Keio University, Tokyo, Japan

4/24/98 “Tuskegee, Dachau, Willowbrook: Three Case Studies in the History of Human Experimentation” – R. Palmer Howard Visiting Scholar, University of Iowa, Iowa City, Iowa

4/28/98 “Early use of the X-ray: Meaning, Gender, and Power” – Medical Scholars Program, University of Illinois, Urbana, Illinois

9/4/98 “Writing Willowbrook, Reading Willowbrook” – Conference on “Using Bodies: Humans in the Service of 20th Century Medicine,” London, England

9/17/98 “William Beaumont and Alexis St. Martin: Pioneer Physician and Patient” – 12th International Symposium on Regulatory Peptides, Mackinac Island, Michigan

9/28/98 “Technology and the Invention of Modern Medicine” – Visiting Professor, Lehigh Valley Hospital, Allentown, Pennsylvania

10/2/98 “William Beaumont and Alexis St. Martin: Pioneer Physician and Patient” –

 Internal Medicine Grand Rounds, University of Michigan, Ann Arbor

10/5/98 “History of the Electrocardiogram” – Cardiology Grand Rounds, William Beaumont Hospital, Royal Oak, Michigan

10/6/98 “Technology and the Invention of Modern Medicine” – University of Minnesota, Minneapolis, Minnesota

10/31/98 “A New Model of Ambulatory Medical Educator” and Visiting Professor – The 11th International Congress of Geographic Medicine and Shiraz University of Medical Sciences, Shiraz, Iran

11/17/98 “Technology and the Invention of Modern Medicine” – Milwaukee Academy of Medicine, Milwaukee, Wisconsin

12/30/98 "William Beaumont, Pioneer Physician" – Internal Medicine Grand Rounds, Beaumont Hospital, Royal Oak, Michigan

2/15/99 “Science and Technology Come to the Pennsylvania Hospital: Tales from a Century Ago” – Endowed Professors Luncheon, University of Pennsylvania, Philadelphia

2/16/99 “Technology and the Invention of Modern Medicine” – Internal Medicine Grand Rounds, University of Pennsylvania, Philadelphia

4/02/99 “The Tuskegee Experiment” and “William Beaumont and Alexis St. Martin” – Internal Medicine Grand Rounds and Special Grand Rounds; and Visiting Professor, Illinois Masonic Hospital, Chicago, Illinois

4/25/99 “The Foundations of Medical Education in the United States: History and its Impact on the Present-Day Educational Model” – Association of American Medical Colleges Group on Resident Affairs, Monterey, California

6/04/99 “Medical History and Medical Schools: A View from the Trenches” – Conference on Teaching Humanities in Academic Medical Centers, University of Illinois at Chicago, Illinois

6/28/99 “The History of Graduate Medical Education in the United States” – Beth Israel Medical Center, New York, New York

6/30/99 “The History of Eugenics and the Future of Gene Therapy” – Conference on “Molecular Medicine in the New Millennium: Perspectives on Gene Therapy and Genetic Vaccine”-Ann Arbor, Michigan

10/16/99 “An Historical Perspective on Tuskegee” – Panel Discussion, Dorothy J. MacLean Memorial Conference, MacLean Center for Clinical Medical Ethics, University of Chicago, Chicago, Illinois

10/16/99 “The History and Relevance of the Willowbrook Experiments” – Special Lecture, Dorothy J. MacLean Memorial Conference, MacLean Center for Clinical Medical Ethics, University of Chicago, Chicago, Illinois

2/16/00 “The Tuskegee Experiments” – University of Michigan Undergraduate Research Opportunity Program, Ann Arbor, Michigan

3/13/00 “Machines and Medicine: The Changing World of 20th-Century Medical Practice” – The New York Academy of Medicine, New York, New York

3/24/00 “Technology and the Invention of Modern Medicine” – Grand Rounds, St. Louis Children’s Hospital, St. Louis, Missouri

3/28/00 “Medical Advances of the 20th Century” – Distinguished Lecture Series, Learning in Retirement, Turner Geriatrics Center, Ann Arbor, Michigan

5/22/00 “A Century of Radiology in the U.S. and the U.K.” – The Finzi Lecture of the Royal Society of Medicine, Birmingham, England

8/5/00 “William Beaumont: America's First Medical Scientist” – University of Michigan Medical Scientist Training Program Scientific Retreat, Roscommon, Michigan

10/19/00 “Technology and the Transformation of American Medicine” – Sixth Annual Max Kutzer Lectureship, State University of New York, Upstate Medical University, Syracuse, New York

12/01/00 “Willowbrook: The Recounting of a Medical Experiment” – H.K. Davis Lecture, University of Illinois at Chicago, Illinois

3/23/01 “Science – Ethics – Power: Controversy Over the Production of Knowledge and Indigenous Peoples, the Ethics of Inquiry” – Commentator, Doctoral Program in Anthropology and History, University of Michigan, Ann Arbor, Michigan

4/1/01 “History of Physical Examination” – American College of Physicians Annual Meeting, Atlanta, Georgia

11/14/01 “Commentary on Music: The Soundtrack of the Soul” – Life Sciences, Values & Society Program, Ann Arbor, Michigan

2/1/02 “Early History of the Electrocardiogram” – Cardiology Grand Rounds, University of Chicago, Chicago, Illinois

3/13/02 “The History of Eugenics and the Future of Gene Therapy” – The Institute for Medicine in Contemporary Society, SUNY-Stony Brook, New York

3/13/02 “No Push the Button Affair: X-Ray Use in Early 20th –Century England” – History of Medicine Group, SUNY-Stony Brook, New York

5/2/02 “Methods in Qualitative Research” – SGIM Annual Meeting, Atlanta, GA

10/20/02 “The Tuskegee Syphilis Experiment, 30 Years Later” – Life Sciences, Values and Society

 Program - Ann Arbor, Michigan

10/24/02 “How to do Controversial Science Responsibly” – Biomed Expo, Ypsilanti, Michigan

11/16/02 “Is Technology a Threat to Privacy? An Historical Perspective” – MacLean Center for Clinical Medical Ethics Fourteenth Annual Dorothy J. MacLean Fellows Conference, University of Chicago, Chicago, Illinois

02/11/03 “Machines and Medicine: Gender, Technology and Body Representations” – Michigan State University Center for Ethics and Humanities in the Life Sciences, East Lansing, Michigan

02/20/03 “The History of Eugenics and the Future of Gene Therapy” – the Hixon Honor Lecture at the University of Kansas School of Medicine, Kansas City, Kansas

03/07/03 “Life Sciences, Technology and the Law Symposium: The Regulations of Life Sciences” (commentator) – University of Michigan Law School, Ann Arbor, Michigan

4/11/03 “The History of Eugenics and the Future of Genetic Medicine” – Internal Medicine Grand Rounds, University of Michigan, Ann Arbor, Michigan

5/6/03 “Physicians in Politics and Social Reform” – Sponsored by Physicians for Social Responsibility (PSR), Ann Arbor, Michigan

10/3/03 “The History of Eugenics” – Department of Human Genetics, Howell, Michigan

10/8/03 “The History of Eugenics and the Future of Genetic Medicine” – Internal Medicine Grand Rounds, University of Alabama at Birmingham, Birmingham, Alabama

2/6/04 “Wash Your Hands! The Life and Legacy of Ignaz Semmelweis” – Internal Medicine Grand Rounds, University of Michigan, Ann Arbor, Michigan

2/11/04 “The History of Eugenics and the Future of Genetic Medicine” – Internal Medicine Grand Rounds, Columbia University, New York City, New York

3/19/04 “Socio-cultural Contexts in Medicine” – National Undergraduate Bioethics Conference, Ann Arbor, Michigan

3/20/04 **“**History of Eugenics and future of genetic medicine” to Life Sciences, Values and Society Seminar, Ann Arbor, Michigan

9/24/04 “Medicine, Law, and Public Policy: A Briggsie and the Ban on “Partial Birth Abortion”” –Lyman Briggs School, Michigan State University, East Lansing, Michigan

10/07/04 “Wash Your Hands! The Life and Legacy of Ignaz Semmelweis” – The Justine Bonsignore Zompa Memorial Lecture, Brown University, Providence, Rhode Island

11/03/04 “Law, Medicine, and Public Policy: The Case of So-Called “Partial Birth Abortion”” –The Reproductive and Women’s Health Interdepartmental Concentration, University of Michigan School of Public Health, Ann Arbor, Michigan

11/06/04 **“**Law, Medicine, and Public Policy: The Case of So-Called “Partial Birth Abortion”” – University of Chicago Maclean Conference, Chicago, Illinois

11/12/05 “J. Marion Sims and the Ethics of Human Experimentation”-The Dorothy J. MacLean Conference, University of Chicago, Chicago, Illinois

04/05/06 “Comments” –Session Chair, First Annual Integrative Healthcare Research Symposium, University of Michigan, Ann Arbor, Michigan

04/28/06 “History of Medicine - Realtime” - SGIM Annual Meeting, Los Angeles, California

05/04/06 “Medicine in Cyberspace: Does Place (still) Matter?” -Health Care Work, Technologies, and Places Conference, University of Toronto, Toronto Canada

05/24/06 “Eugenics, Genetic Medicine, and Neurosurgery,” Neurosurgery Grand Rounds, University of Michigan, Ann Arbor, Michigan

09/28/06 “Professing Progress: Bedazzled Medicine and the Dangers of Hubris,” Society of Professors of Medicine, University of Michigan, Ann Arbor, Michigan

09/29/06 “Professing Progress: Bedazzled Medicine and the Dangers of Hubris,” Internal Medicine Grand Rounds University of Michigan, Ann Arbor, Michigan

10/12/06 “History of Medical Education, ” First Annual Minerva Medical Celebration, Alpena Regional Medical Center, Alpena, Michigan

11/7/06 “A Historical Perspective on Legal Issues and Abortion,” Medical Students for Choice, Ann Arbor, Michigan

01/27/07 “Medical Technology and Technological Medicine,” Conference for International Study of the Hospital in the 20th Century, Tokyo, Japan

05/05/07 “Funding for Medical History Research,” Clinician-Historians’ Breakfast, American Association for the History of Medicine Annual Meeting, Montreal, Canada

09/27/07 “Some Reflections on the History of Physiology at the University of Michigan,” Banquet Celebrating 125 Years of Physiology at Michigan, University of Michigan, Ann Arbor

10/5/07 “Professing Progress: Some thoughts on a life at the Boundaries,” Presentation by “Distinguished Alumni” to 40th Anniversary Celebration for Lyman Briggs College, Michigan State University, East Lansing, Michigan

11/15/07 Invited Alumni Speaker, Robert Wood Johnson Clinical Scholars Program Annual Meeting, Ft. Lauderdale, Florida

11/16/07 “How Technology has Shaped Clinical Research at the Bedside,” The Architecture of Healing, An International Conference at the David Geffen School of Medicine at CLA, celebrating the opening of the new Ronald Reagan UCLA Medical Center, Los Angeles, California

11/30/07 “Professing Progress and the Health of Union Soldiers,” Center for Population Economics, University of Chicago, Chicago, Illinois

02/21/08 “The Willowbrook Experiments,” Wayne State University Medical Student Group on Medical Ethics, Detroit, Michigan

03/05/08 “History of AOA at Michigan: Continuity and Change,” Alpha Omega Alpha Honor Society, 100 years at the University of Michigan, Ann Arbor, Michigan

03/20/09 “Thinking About Tuskegee,” 29th Annual Graduate Student Symposium in the Pharmacological Sciences and Biorelated Chemistry,” Ann Arbor, Michigan

04/11/09 “Medicine and the Arts,” Fifth Annual Medical Community Dinner with the University Musical Society, Ann Arbor, Michigan

05/06/09 “Bicycle Rides in Washtenaw County,” Ann Arbor District Library

05/20/09 “Bicycle Rides in Washtenaw County,” Shaman Drum Bookstore, Ann Arbor

07/16/09 “What the Arts Can Teach us about Health, Illness, and Medical Practice,” Third Annual Chang Lecture on Art and Medicine, Ann Arbor, Michigan

07/27/09 “Historical Perspectives on Informed Decision-Making in the US,” Summer Medical Editors Meeting of the Foundation for Informed Medical Decision Making, Jackson Hole, WY

11/10/09 “Professing progress: Bedazzled medicine and the dangers of hubris,” Center for Health Care Research & Policy, Cleveland, OH

11/12/09 “Making Better Doctors: What the arts can teach us about health, illness, and clinical practice,” Medicine Grand Rounds, MetroHealth Medical Center, Cleveland, Ohio

1/28/2010 “Art, Medicine, and Public Health,” RWJ Scholars in Health Policy Research, University of Michigan, Ann Arbor, MI

3/9/2010 “Lessons from the History of Science,” Medical Scientists Training Program Training Program, Ann Arbor, MI

5/4/2010 “History of Primary Care,” *Health Affairs* forum on “Reinventing Primary Care, National Press Club, Washington, DC

7/16/2010 “Coronary Heart Disease and Heart Attacks: 1912-2010,” International Conference on the Future of Medical History, Wellcome Trust Centre for the History of Medicine at UCL, London, England

7/24/2010 “Arts and Medicine,” Heart and Art” An Update on Common Cardiovascular Disorders, University of Michigan, Ann Arbor, MI

7/30/2010 “Reading Willowbrook, Writing Willowbrook: The Recounting of a medical experiment,” University of Michigan Medical Scientist Training Program (MSTP) Annual Retreat, Higgins Lake, Michigan

10/18/2010 “Arts and Medicine,” to Inaugural Meeting of the Society of Professors of Medicine, Department of Internal Medicine, University of Miami, Miami, FL

10/21/2010 “Advancing Primary Care: Yesterday and Today,” Patient-Centered Primary Care Collaborative Annual Summit, Washington, DC

2/13/2011 “Of Hedgehogs, Foxes, and the Dangers of Hubris,” Hematology/Oncology Annual Awards Dinner, Ann Arbor, MI

2/16/2011 “A Lifetime of Creativity: Merce Cunningham and Defying Limitations,” University of Michigan Museum of Art, Ann Arbor, MI

4/9/2011 “The Legacy of Tuskegee: Dealing with minority patients’ mistrust of the health care system,” American College of Physicians Annual Meeting, San Diego, CA

4/11/2011 “Bioethics in a World of Mechanized Medicine,” conference on “Where Religion, Policy, and Bioethics Meet: An Interdisciplinary Conference on Islamic Bioethics and End-of-life care,” Ann Arbor, MI

4/30/2011 “Diagnosing Coronary heart Disease: A Tale of Three Tools,” Annual Meeting of the American Association for the History of Medicine, Philadelphia, PA

6/2/2011 “Bicycle Riding in Washtenaw County,” Rotary Club of Ann Arbor, Ann Arbor, MI

6/12-25/2011 Guest Faculty, Emory University Course on Medicine and Compassion, Italy (various locations)

7/28/2011 “Diego Rivera’s Garden Court: An Artist Goes to the Gemba, 1932,” Health Care Value Network *Gemba* visit, Ann Arbor, MI

10/22/2011 “Tuskegee Today: How Past Wrongs Affect Modern Ethics,” Student National Medical Association Region V Conference, Ann Arbor, MI

12/2/2011 “Medical Arts and the Art of Medicine,” Internal Medicine Grand Rounds, University of Michigan, Ann Arbor, MI

1/25/2012 “Partial Birth Abortion and Personhood Amendments,” Med Students for Choice, University of Michigan, Ann Arbor, MI

6/15-18/2011 Guest Faculty, Emory University Course on Medicine and Compassion, Italy (various locations)

9/20/2012 “Ethical Implications of the Tuskegee Experiments,” Internal Medicine Grand Rounds, Baylor College of Medicine, Houston

9/29/2012 “Art and Medicine,” Asian Pacific American Medical Student Association National Conference, Ann Arbor

10/22/2012 “The Art of Medicine,” Investing in Ability Week, University of Michigan, Ann Arbor

2/5/2013 “The History of the Tuskegee Experiments,” University of Michigan Flint Common Read, Flint

2/13/2013 “The Past and Future of Primary Care,” Center for Ethics and Humanities in the Life Sciences, Michigan State University, East Lansing

4/11/2013 “The Art of Medicine,” the Nicholas E. Davies Memorial Scholar Award Lecture to the annual meeting of the American College of Physicians, San Francisco

4/18/2013 “Pathways Forward,” Curing the Epilepsies 2013, NIH, Bethesda, MD

8/19/2013 “The Value of Arts for Clinical Practice,” Arts and Humanities in Healthcare Program, Anschutz Medical Campus, University of Colorado School of Medicine, Denver

9/27/2013 “James Hall Lecture: The Art of Medicine,” Michigan Chapter of the ACP annual meeting, Bellaire, Michigan

10/15/2013 “Going Ballistic: A Penn Path not taken for Diagnosing Heart Disease in the Mid-20th Century,” John Morgan Society, University of Pennsylvania, Philadelphia

10/28/2013 “History of Psychiatry,” PsychSIGN, Ann Arbor, MI

11/5/2013 “How Art Can Help Clinicians Practice Better Medicine,” The John P. McGovern Award Lecture in the Medical Humanities, UTMB, Galveston, Texas

11/14/2013 “Machines and Medicine: tools, technology, and the transformation of patient care,” Opening of the M. Donald Blaufox Hall, Dittrick Medical History Center, Case Western Reserve, Cleveland, Ohio

11/15/2013 “The Invention of Primary Care,” Keynote Presentation, 25th Anniversary Dorothy MacLean Center, University of Chicago, Chicago

11/19/2013 “Great Moments in Medicine,” Tour and discussion of Robert Thom Paintings, Alpha Epsilon Delta honor society, Ann Arbor

4/15/2014 “Art and Medicine,” Gheens Foundation Visiting Scholar in Humanism and Medicine lecture, University of Louisville, Louisville, KY

4/27/2014 “Social Sciences and Humanities Panel,” APSA annual meeting, Chicago, IL

11-15/8/2014 “History of Medicine” (mini-course), Graduate Program in History of Science and Health, Fiocruz, Rio de Janeiro, Brazil

28/10/2014 “Race, Poverty, and Health: A History of Mistrust,” Health Equity Scholars Program, Ann Arbor, Michigan

11/8/2014 “Health, Hope, Harm: Technological Comprehension and Consumer Health Products,” Commentator, Society for the History of Technology Annual Meeting, Dearborn, Michigan

8/12/2015 The Idea of Race in the “Tuskegee” Experiments,” Symposium on “Raça, Discriminação e Saúde: Perspectivas Históricas e Contemporâneas,” Fiocruz, Rio de Janeiro, Brazil

10/6/2015 “A History of Cardiovascular Medicine at Michigan.” Division of Cardiovascular Medicine Grand Rounds, Ann Arbor, Michigan

11/6/2015 “Historical Lessons on the Dangers of Medical Hubris,” Michigan Vascular Society annual meeting, Ann Arbor, Michigan

4/7/2016 “A Brief History of Lead Poisoning,” Department of Molecular and Integrative Physiology “Night at The Academy,” Ann Arbor, Michigan

4/13/2016 “Medicine, Technology and Politics: Interamericanism and US-Brazil Exchanges in Cardiology in the 1940s” (with Simone Kropf), Joint UWindsor-UMichigan Colloquium: Knowledge Networks and Health Innovation, Detroit, Michigan

4/21/2016 “Art as a Tool in Medical education and Cultural Competency,” Arts and Health Symposium, Detroit Institute of Arts, Detroit, Michigan

5/7/2016 Commencement Speaker (with Linda C. Samuelson), Lyman Briggs College, Michigan State University

9/23/2016 “The History of the Division of Gastroenterology,” University of Michigan Division of Gastroenterology 75th Anniversary Celebration, Ann Arbor, MI

9/30/2016 “Bodies, Motions, and the Creation of Medicine,” UM STS Mini-Conference, *Translating Bodies*, Ann Arbor, MI

11/3/2016 “The Medical Arts at the University of Michigan: How a Major Medical School and Performing Arts Presenter Are Working Together to Make Better Doctors” (with Jim Leija and Katie Scally), A2RU Alliance for the Arts In Research Universities Annual National Conference, Denver, CO

11/11/2016 “Decision-Making Under Uncertainty: Lessons from the Cold War” (with Valerie Vaughn and Vineet Chopra), MacLean Conference on Clinical Medical Ethics, University of Chicago, Chicago, IL

2/6/2017 “A Hospital of our Own: The Origins and Early History of the University of Michigan Hospital,” Making Michigan Bicentennial Lecture, Ann Arbor, MI; also given in abbreviated form as part of the Bicentennial “Feast of Ideas” Celebration, 3/6/2017, Roeda Studio

5/20/2017 “Art and Medicine,” University of Miami Medical Humanities Summer Institute, Miami, FL (keynote address)

5/31/2017 “Science and the Humanities,” Robert Wood Johnson Clinical Scholars Final Annual Meeting, Philadelphia, PA

7/28/2017 “Medicine, technology, and workers: cardiology as a specialty in Brazil (1930s-1940s)” (with Simone Kropf), 25th International Congress in the History of Science and Technology, Rio de Janeiro, Brazil

10/27/2017 “Change and Consistency: 167 Years of the Department of Internal Medicine,” Internal Medicine Grand Rounds, Ann Arbor, MI

1/6/2018 “War, Science, and Cultural Diplomacy in the Americas: Frank Wilson and Brazilian Cardiology” (with Simone Kropf), American Historical Association Annual Meeting, Washington, DC

2/2/2018 “African Americans in Medicine at UMMS,” Black Medical Association for Black History Month, Ann Arbor, MI

2/15/2018 “Michigan Medicine at the Bicentennial: Some lessons of history for health policy,” Institute for Healthcare Policy & Innovation, Ann Arbor, MI

### PUBLICATIONS

##### Books

Howell JD, ed. *Technology and American Medical Practice: 1880-1930*. New York and London: Garland Publishing, 1988.

Howell JD, ed. *Medical Lives and Scientific Medicine at Michigan: 1891-1969*. Ann Arbor, MI: University of Michigan Press, 1993.

Howell JD. *Technology in the Hospital: Transforming Patient Care in the Early Twentieth Century*. Baltimore: Johns Hopkins University Press, 1995. (paperback edition 1997)

Howell JD. *Washtenaw County Bike Rides: A Guide to Road Rides in and Around Ann Arbor.* Ann Arbor: University of Michigan Press, 2009.

Boster DH and Howell JD. *Medicine at Michigan: A History of the University of Michigan Medical School at the Bicentennial.*  Ann Arbor, MI: University of Michigan Press, 2017.

##### Thesis

“Machines' Meanings: British and American Use of Medical Technology, 1890-1930”, Ph.D. Thesis, Department of History and Sociology of Science, University of Pennsylvania, 1987.

##### Original Papers and Chapters

Lamberti JJ, Silver H, Howell JD, Kampman K, Glagov S. Transmural gradients of experimental myocardial ischemia: Limited correlation of ultrastructure with epicardial S-T segment elevation. *Am Heart J* 1978; 96:496-506.

Howell JD, Pringle K, Kirschner B, Burrington JD. Peutz-Jeghers polyps causing colocolic intussusception in infancy. *J Pediatric Surgery* 1981; 16:82-84.

Howell JD. Early perceptions of the electrocardiogram: from arrhythmia to infarction. *Bulletin of the History of Medicine* 1984; 58:83-98.

Howell JD. A Medical history potpourri. *SREPCIM Newsletter* 1985; 7:3.

Howell JD. “Soldier's Heart”: The Redefinition of Heart Disease and Speciality Formation in Early Twentieth-Century Great Britain. *Medical History* 1985; Supplement No. 5:34-52. Reprinted with minor revisions in Cooter R, Harrison M, and Sturdy S, *War, Medicine and Modernity*. Sutton, England: Sutton Publishing, 1998: 85-105.

Rostain T, Howell JD. Dr. Wallaby: A Parable for Modern Medicine. *Journal of the American Medical Association* 1985; 254:2947-2948.

Howell JD. The First World War and British Cardiology: A Case of Soldiers' Hearts. *The Society for the Social History of Medicine Bulletin* 1985; 37:54-57.

Gramelspacher GP, Howell JD, Young MJ. Perceptions of Ethical Problems by Nurses and Doctors. *Archives of Internal Medicine* 1986; 146:577-578.

Howell JD. Early Use of X-Ray Machines and Electrocardiographs at The Pennsylvania Hospital: 1897 through 1927. *Journal of the American Medical Association* 1986; 255:2320-2323.

Howell JD. The Changing Face of Twentieth Century American Cardiology. *Annals of Internal Medicine* 1986; 105:772-782. Reprinted in: Rothstein WG, ed. *Readings in American Health Care*. Madison, Wisconsin: University of Wisconsin Press, 1995.

Arnold RM, Povar GJ, Howell JD. The Humanities, Humanistic Behavior, and the Humane Physician: A Cautionary Note. *Annals of Internal Medicine* 1987; 106:313-318.

Howell JD. Cardiac Physiology and Clinical Medicine? Two Case Studies. In: Geison GL, ed. *Physiology in the American Context, 1850-1940*. Bethesda, Maryland: American Physiological Society, 1987:279-292.

Howell JD, Lurie N, Woolliscroft JO. Worlds Apart: Some thoughts to be delivered to house officers on the first day of clinic. *Journal of the American Medical Association* 1987; 258:502‑503.

Kahn JK, Howell JD. Profiles in Cardiology: Frank Norman Wilson. *Clinical Cardiology* 1987; 10:616-618.

Howell JD. Hearts and Minds: The Invention and Transformation of American Cardiology. In: Maulitz RC, Long DE, eds. *Grand Rounds: One Hundred Years of Internal Medicine*. Philadelphia: University of Pennsylvania Press, 1988:243-275.

Howell JD. Patient Care at Guy's and the Pennsylvania Hospital, 1900-1920. In: *British Society for the History of Science and the History of Science Society, Program, Papers, and Abstracts for the Joint Conference*. Manchester, England, 11-15 July 1988:247-254.

Howell JD. What Is the Difference Between an HIV and a CBC? *Hastings Center Report* 1988, 18(4):18-19; reprinted in: Gold SJ, *Moral Controversies: Race, Class, and Gender in Applied Ethics* (Belmont, California: Wadsworth Publishing Co., 1993).

Howell JD. John Shaw Billings (1838-1913). *Journal of Laboratory and Clinical Medicine* 1988; 112:661-662.

Howell JD. Specialties and the American Board of Internal Medicine: A Historical Perspective. In: *American Board of Internal Medicine Fiftieth Anniversary Symposium and Celebration*. Portland, Oregon: ABIM, 1987:9-17, and The Invention and Development of American Internal Medicine. *Journal of General Internal Medicine* 1989; 4:127-133.

Howell JD. The History of Medicine. In: Kelley WN, ed. *Textbook of Internal Medicine*. Philadelphia: J.B. Lippincott, 1989:6-8; 2nd ed. (revised), 1992:5-8; 3rd ed. (revised), 1997:9-12.

Howell JD. University of Michigan's Rackham Arthritis Research Unit. *Michigan Medicine* 1989; 88:36-38.

Martin SC, Howell JD. One Hundred Years of Clinical Preventive Medicine in America. *Primary Care* 1989; 16:3-8.

Foley KT, Howell JD, Junck L. Progression of Hydrocephalus During Corticosteroid Therapy for Neurosarcoidosis. *Postgraduate Medicine Journal* 1989; 65:481-484.

Howell JD, McLaughlin CG. Regional Variation in 1917 Health Care Expenditures. *Medical Care* 1989; 27(8):772-788.

Howell JD. Machines and Medicine: Technology Transforms the American Hospital. In: Long DE, Golden J, eds. *The American General Hospital: Communities and Social Contexts*. Ithaca, New York: Cornell University Press, 1989:109-134.

Howell JD. Introduction. To a new edition of *History of Electrocardiography*, by George E. Burch and Nicholas P. DePasquale. 1964; San Francisco: Norman Publishing, 1990:v-xl.

Howell JD. André Frédéric Cournand. In: Fox DM, Meldrum M, Rezak I, eds. *Nobel Laureates in Medicine or Physiology: A Biographical Dictionary*. New York: Garland Publishing, 1990: 107-111.

Howell JD. Niels Ryberg Finsen. In: Fox DM, Meldrum M, Rezak I, eds. *Nobel Laureates in Medicine or Physiology: A Biographical Dictionary*. New York: Garland Publishing, 1990: 181‑184.

Howell JD. Werner Theodor Otto Forssmann. In: Fox DM, Meldrum M, Rezak I, eds. *Nobel Laureates in Medicine or Physiology: A Biographical Dictionary*. New York: Garland Publishing, 1990: 194-197.

Howell JD. Dickinson Woodruff Richards, Jr. In: Fox DM, Meldrum M, Rezak I, eds. *Nobel Laureates in Medicine or Physiology: A Biographical Dictionary*. New York: Garland Publishing, 1990: 462-466.

Howell JD. Ideas for medical Education: An Elective Course in Medical History. *Academic Medicine* 1991; 66:668-669.

Stromberg J, Howell JD, Achenbaum WA. Some thoughts About Aging From a Nineteenth Century Connecticut Yankee. *Perspectives in Biology and Medicine* 1991; 35:140-144.

Howell JD. Diagnostic technologies: X-Rays, Electrocardiograms, and CAT Scans. *Southern California Law Review* 1991; 65:529-564.

Howell JD. The History of Eugenics and the Future of Gene Therapy. *Journal of Clinical Ethics* 1991; 2:274-278.

Howell JD. Lowell T. Coggeshall and American Medical Education: 1901-1987. *Academic Medicine* 1992; 67:711-718.

Howell JD, McLaughlin CG. Race, Income, and the Purchase of Medical Care by Selected 1917 Working-Class Urban Families. *Journal of the History of Medicine and Allied Sciences* 1992; 47:439-461.

Howell JD. Concepts of Heart-Related Diseases. In: Kiple KF, ed. *The Cambridge World History of Human Disease*. Cambridge, England: Cambridge University Press, 1993:91-102.

Achenbaum WA, Howell JD, Parker MM. Patterns of Alcohol Use and Abuse Among Aging Civil War Veterans, 1865-1920. *Bulletin of the New York Academy of Medicine* 1993; 69:69‑85.

Howell JD. Frank Norman Wilson: Theory, Technology, and Electrocardiography. In: Howell JD, ed. *Medical Lives and Scientific Medicine at Michigan, 1861-1969*. Ann Arbor, MI: University of Michigan Press, 1993:101-127.

Howell JD. The Purchase of Health Care by Selected American Households in 1917-1919: A Machine-Readable Source. *Bulletin of the History of Medicine* 1993; 67:696-702.

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