

## **BRIEF CURRICULUM VITAE**

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Gerald J. Kutcher, Ph.D.  
Department of History  
Binghamton University  
Binghamton, NY 13905

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(607) 777-6603  
[gkutcher@binghamton.edu](mailto:gkutcher@binghamton.edu)

### ***Current Positions:***

Professor, Department of History, Binghamton University  
Affiliate Scholar, Department of the History and Philosophy of Science, University of Cambridge

### ***Previous Positions (since 1989):***

Associate Professor and Chair, Department of History, Binghamton University (2009-10)  
Assistant Professor, Department of History, Binghamton University (2006-9)  
Dean's Professor of the History of Medicine, Binghamton University (2004-6)  
Visiting Fellow, Clare Hall, University of Cambridge (2006)  
Professor of Medical Physics & Vice Chair, Department of Radiation Oncology, Columbia University College of Physicians & Surgeons, New York (2001-4)  
Professor, Dept. of Oncology, Univ. Ziekenhuis, Leuven, Belgium (1998-2001)  
Chief, Clinical Physics Service (Board of Directors Appointment), Memorial Sloan-Kettering Cancer Center, New York (1989-98)

### ***Education:***

Ph.D., History and Philosophy of Science, University of Cambridge (May 2002)  
Ph.D., Physics, City University of New York (June 1972)

### ***Awards and Honors External:***

John Simon Guggenheim Foundation Fellow (2011-12)  
Visiting Scholar, Department of the History and Philosophy of Science, University of Cambridge, (2015)  
Guest Researcher, National Institutes of Health, Bethesda, MD (2012-14)  
11 government grants in medical physics (1987-2003)

### ***Awards & Honors Internal:***

Jean-Pierre Mileur Faculty Development Fund Grant, Binghamton Univ. (2016)  
John Pierre Mileur Grant, Harpur College, Binghamton University (2014)  
Harpur College Grants in Support of Research (2012, 2010)  
Dean's Research Leave, Harpur College (Spring Semester, 2007)

### ***Current Book Project:***

Failing Forward: The Contested Development of Cancer Therapies

### ***Publications:***

"Geoffrey Keynes' TwoFold Vision: Medical Savant-Connoisseur and Literary Bibliographer," *Journal of the History of Medicine and Allied Sciences* (2016) 71 (4): 377-399

Ellen Yorke, Andrew Jackson, and Gerald Kutcher, "Treatment Plan Evaluation," in *Kahn's Treatment Planning in Radiation Oncology, 4<sup>th</sup> Edition*, edited by Faiz Kahn, et al., Philadelphia: Wolters Kluwer Publishers (2016): 377-94.

Book Review, Peter Keating and Alberto Cambrosio, *Cancer on Trial*, University of Chicago Press, 2012, *Journal of the History of Medicine and Allied Sciences* 71(2015): 109-11.

"A Case of Human Experimentation: The Patient as Subject, Object and Victim." In *Cancer Patients, Cancer Pathways: Historical and Sociological Perspectives*, eds. Carsten Timmerman and Elizabeth Toon. Manchester: Palgrave, (2012): 57-77  
*Contested Medicine: Cancer Research and the Military*, University Of Chicago Press, 2009

Book Review, Ellen Leopold, *Under The Radar: Cancer and the Cold War*, New Brunswick: Rutgers University Press, 2009, *Social History of Medicine*, 28 (2009): 328-9

"Cancer Clinical Trials and the Transfer of Medical Knowledge: Metrology, Contestation and Local Practice." *Devices and Designs: Medical Innovations in Historical Perspective* eds. Carsten Timmerman and Julie Anderson. Manchester: Palgrave, (2006): 212-230

Book Review, *Useful Bodies: Humans in the Service of Medical Science in the Twentieth Century*, edited by Jordan Goodman et. al., Baltimore: Johns Hopkins University Press, 2003. *History and Philosophy of the Life Sciences*, 27 (2005): 535

"Cancer Therapy and Military Cold War Research: Crossing Epistemological and Ethical Boundaries." *History Workshop Journal* 56 (2003): 105-130

130 medical physics publications & 13 government reports (1974-2008)

### ***Presentations (selected):***

"Chemotherapy with Lead for Uterine Cancer: A Controversial Failure," British Society for the History of Science, York, UK, July, 2017

"Bombing Cancer: The Contested Development of Radium Tele-therapy in the UK," American Association for the History of Medicine, Minneapolis, May, 2016

"TwoFold Always: Geoffrey Keynes Surgeon and Blake Scholar Challenges the Radical Mastectomy," Department of History, Binghamton University, March 2016

"Bombing Cancer: The Contested Development of Radium Tele-therapy in the UK," American Association for the History of Medicine, Minneapolis, April 30, 2016

"Geoffrey Keynes' TwoFold Vision: Medical Savant-Connoisseur & Literary Bibliographer," Clare Hall, University of Cambridge, Nov. 2015.

"Bombing Cancer: The Troubled History of Radium Tele-therapy," Centre for the History of Science, Technology and Medicine, University of Manchester, Oct. 2015.

"High Expectations: A History of Cancer Therapy," American Academy in Rome, Nov. 2014.

"Geoffrey Keynes: Medical Savant Connoisseur and Literary Bibliographer," St. Andrews, *British Society for the History of Science*, Scotland, July 5, 2014

"Controversy, Mistrust even Witchcraft: The Failure of Neutron Cancer Therapy." Department of History and Philosophy of Science, University of Cambridge, May 2013

"Research in the Wild: Controversies over the US War on Cancer." Department of History, Cleveland State University & Cleveland Clinic, September 2012

Over 150 medical physics conference presentations & invited papers (1980-2003)

***Society Memberships:***

American Association of the History of Medicine  
History of Science Society  
Society for the Social History of Medicine

***Teaching:***

Cancer in the Modern World, Undergraduate Lecture Course  
War and Medicine & Modern Culture, Undergraduate Lecture Course  
Gender & Science Studies, Graduate Independent Study  
History of Bioethics, Advanced Undergraduate and Graduate Seminar  
History of Medicine, Undergraduate Lecture Course  
Public Health, Society and State, Advanced Undergraduate and Graduate Seminar  
Science, Technology and Colonial Medicine, Graduate Independent Study  
Science Studies, Independent Graduate Study  
Science, Technology and Society, Graduate Seminar  
History of US Women in Healthcare, Independent Graduate Study

***Graduate Student Committees:***

Anna Steighner, Ph.D. Committee Member  
Gary Emerson, Ph.D. Committee Member  
Jonathan Jones, Ph.D. Committee Member  
James Fitzgerald, Ph.D. English Department Committee Member  
Erika Grimminger, Ph.D. Advisor  
Betty Cohen, Biomedical Ethics Undergraduate Major Advisor  
Chieh-Ju Wu, Ph.D. Committee Member  
Shenglan Li, Ph.D. Committee Member  
Elliot Bowen, Ph.D. Advisor  
Margaret Schultz, Ph.D. Advisor  
Uppanita Das, MA, Committee Member  
Greg Liberty, MA, Committee Member  
Aaron Shaunessey (Erin Spitzer), Ph.D Committee Member  
Marlon Zhu, Ph.D. Committee Member  
Sanem Guvenc-Salgirli, Ph.D. (Sociology) Committee Member  
Ryan Asher, Ph.D., Committee Member  
Dorothy Tobin, Ph.D., Committee Member  
Meredith Pascal, MA, Committee Member  
Over 30 physicists, supervised research and training at Memorial Sloan-Kettering,  
University of Leuven, and Columbia University, 1986-2004

***Department and University Service (selected)***

Member, Undergraduate Committee, History Department, 2018  
Chair, Search Committee for Historian of Pre-Modern Medicine, 2015  
Chair, Library Committee, History Department, 2014-15  
Secretary, Promotion Committee of Professor Leigh Ann Wheeler, 2013

Member, Graduate Council, 2012-15  
Review Committee, SUNY Faculty Diversity Program, 2012-13  
Interim Chair, Department of History, 2009-10  
Dean's Steering Committee, Harpur College, 2009-10  
Co-director, Science Studies Workshop, 2005