

Claudia I. Henschke, PhD, MD
CURRICULUM VITAE

Business Address

Icahn School of Medicine at Mount Sinai
1 Gustave Levy, Box 1234
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212-241-2821

Current Positions

Professor of Radiology, *Icahn School of Medicine at Mount Sinai, New York, NY*
Attending Radiologist, *Mount Sinai Medical Center, New York, NY*
Director, Early Lung and Cardiac Action Program (ELCAP), *Icahn School of Medicine at Mount Sinai, New York, NY*
Research Radiologist, *Phoenix Veterans Healthcare System, Phoenix, AZ*

Education

1958-1959 Arts & Sciences, *Hunter College, New York, NY*
1959-1960 Political Science and Economics, *University of Geneva, Switzerland*
1961 Mathematics, *University of Munich, Germany*
1962 BA, French/Mathematics, *Southern Methodist University, Dallas, TX*
1966 MS, Mathematical Statistics, *Southern Methodist University, Dallas, TX*
1969 PhD, *University of Georgia, Mathematical Statistics and Computer Science, Athens, GA*
Dissertation: *Manpower Systems and Classification Theory*
1977 MD, *Howard University Medical School, Washington, DC*

Residency/Fellowships

1977-1981 Resident, *Department of Radiology, Brigham and Women's Hospital, Boston, MA*
1977-1981 Clinical and Research Fellow, *Radiology, Harvard Medical School, Boston, MA*
1979-1980 Research Fellow, *Epidemiology, Harvard School of Public Health, Boston, MA*

Academic Appointments

1969-1970 Assistant Professor, *Graduate and Undergraduate Statistical and Computer Science Courses (3 courses per quarter), Department of Mathematical Statistics and Computer Science, University of Georgia, Athens, GA*
1970-1971 Assistant Professor, *Management Science and Complex Systems Courses (3 courses per quarter), Graduate School of Business, University of Georgia, Athens, GA*
1972-1974 Assistant Professor of *Biostatistics, School of Medicine, Georgetown University, Wash., DC*
1974-1977 Clinical Assistant Professor of *Biostatistics, Georgetown School of Medicine, Wash., DC*
1977-1981 Resident and Fellow, *Brigham and Women's Hospital, Harvard Medical School, Boston, MA*
1981-1983 Lecturer, *Medical School, Dar-es-Salaam, Tanzania*
1981-1983 Instructor, *Radiology, Harvard Medical School, Boston, MA*
1983-1983 Assistant Professor of *Radiology, Harvard Medical School, Boston, MA*
1983-1987 Assistant Professor of *Radiology, Weill-Cornell Medical College, New York, NY*
1987-1990 Associate Professor of *Radiology (Tenure Track), Weill-Cornell Medical College, New York, NY*
1990-1992 Associate Professor of *Radiology (Tenured), Weill-Cornell Medical College, New York, NY*
1992-2010 Professor of *Radiology, Weill-Cornell Medical College, New York, NY*
2009-2012 Research Professor, *The Biodesign Institute, School of Biological and Health Systems Engineering, Arizona State University, Tempe, AZ*
2010-present Professor of *Radiology, Icahn School of Medicine at Mount Sinai, New York, NY*

Current Research Support (continued)

Hospital Appointments

1982-1983	Associate Radiologist, Brigham and Women's Hospital, Boston, MA
1983-1983	Co-Director, Thoracic Division, Department of Radiology, Brigham and Women's Hospital, Boston, MA
1983-1987	Assistant Attending Radiologist, New York Hospital-Cornell Medical Center, New York, NY
1985-2010	Chief, Chest Imaging, New York Hospital-Cornell Medical Center, New York, NY
1987-1992	Associate Attending Radiologist, New York Hospital-Cornell Medical Center, New York, NY
1992-2010	Attending Radiologist, New York Hospital-Cornell Medical Center, New York, NY
1988-1992	Section Chief, Chest Imaging, New York Hospital-Cornell Medical Center, New York, NY
1992-1995	Chief, Division of Chest and Abdominal Imaging, New York Hospital-Cornell Medical Center, New York, NY
1992-2009	Director, Early Lung Cancer Action Project (ELCAP), Weill-Cornell Hospital, New York, NY
1995-1999	Director, Outcome Research Division, Weill-Cornell College, New York, NY
1995-2000	Chief, Health Care Policy and Technology Assessment in Radiology, New York Hospital-Cornell Medical Center, New York, NY
2010-present	Radiologist, Icahn School of Medicine at Mount Sinai, New York, NY
2010-present	Director, Early Lung and Cardiac Screening Program (ELCAP), Icahn School of Medicine at Mount Sinai, New York, NY
2014-present	Radiologist, Phoenix Veterans Healthcare System, Phoenix, AZ

Other Professional Positions

1963-1965	Research Assistant, Division of Computing Science, Graduate Research Center of the Southwest, Dallas, TX
1965-1966	Statistician and Lead Programmer, Wadley Research Institute, Dallas, TX
1966-1968	Research Assistant, Department of Statistics and Computing Science, University of Georgia, Athens, GA
1967	Systems Engineer and Programmer for Hospital Systems, IBM, Finland
1968-1969	Systems Analyst and Programmer for Credit Cards and Investment Computer Systems, Citizens Community and Southern Bank, Atlanta, GA
1972-1974	Statistical Consultant, National Academy of Sciences, National Clinical Trial of Narcotic Antagonists Statistical Consultant, Veterans Administration, National Clinical Trial of Long Acting Methadone Consultant, Health Manpower Planning, Bureau of Health Manpower Education, National Institute of Health Consultant, Planning and Construction of Howard U. Hospital, Howard Medical School, Washington, DC
1972-1977	Consultant, US Civil Disasters - White House Planning and Briefing, Federal Preparedness Agency Statistical Consultant, Large Military Field Tests and Performance Analyses, Institute for Defense Analysis Statistical Consultant, Large Military Field Tests and Performance Analyses, Systems Planning Corporation
1986-1992	Consultant, Medical Billing Program Development and Medical Computer Systems Planning
1986-1996	Consultant, Clinical Trials and Statistics, Rockefeller University
2009-present	President, Early Diagnosis and Treatment Research Foundation
2017-present	International Consultant, National Cancer Center Screening Project, Beijing (PI: Ning Wu MD)

Radiology Board Examiner

1993-1995	Examiner, American Board of Radiology
1997-1999	Examiner, American Board of Radiology
2005	Examiner, American Board of Radiology
2007	Examiner, American Board of Radiology
2013-2014	Invited Examiner (unable to participate), American Board of Radiology

Current Research Support (continued)

Medical Licenses / Certifications

1981	American Board of Radiology
1982	State Licenses: Massachusetts, California
1983-present	State License: New York
2010-present	State License: Arizona

National Grant Reviewer

2000-2016	Multiple NIH study sections
2016	Swiss National Science Foundation, Bern, Switzerland
2016	Yorkshire Cancer Research, Harrogate, Great Britain

Teaching / Faculty Advisor

1969-1971	Teaching/Faculty Advisor, School of Arts & Sciences, University of Georgia, Athens, GA
1972-1977	Graduate Biostatistics Courses each semester, Division of Biostatistics, Graduate School, Georgetown University, Washington, DC. M.S. degrees: 5 students
1982-1983	Core Clinical Clerkship Courses, Harvard Medical School, Boston, MA
1983-1999	Core Clinical Clerkship Courses, Cornell University Medical College, New York, NY
1989-1999	Surgical and Physician Assistant Radiology Elective, Cornell University Medical College, New York, NY
1989-1999	Elective Radiology Rotations for CUMC Medical Students, Weill Cornell Medical College, New York, NY
1989-2009	Elective Radiology Rotations for CUMC Medical Students, Weill Cornell Medical College, New York, NY
1989-2008	Visiting Professor and Resident Elective Rotations, Weill Cornell Medical College, New York, NY
1990-1992	Cornell Medical Student Radiology Advisor, Weill Cornell Medical College, New York, NY
1994-1996	Cornell Medical Student Advisor, Weill Cornell Medical College, New York, NY
2000-2017	Elective Rotations for Public Health and Community Medicine Students, Weill Cornell Medical College, New York, NY

1969-1972: University of Georgia, Mathematical Statistics

PhD and MS Degree Students

1. Mary M Chen, MS in Statistics, 1971. The application of the statistical classification rule to Air Force personnel.
2. Ed Wyatt, PhD in Statistics, 1971. A probabilistic approach to personnel utilization and an integrated computer program package and its use in personnel utilization considerations.

1972-1974: Georgetown Medical School, Division of Biostatistics, Department of Medicine

Master's Degree in Biostatistics: 5 students

1994-2009: Weill Medical College of Cornell University, Department of Radiology

Medical Students

1. Cathy Maldjian, 1994-1996
2. Matthew Cham, 1998-1999

Radiology Residents

1. Laura Liberman; 2. Gail Eddens; 3. Lawrence Schwartz; 4. Anna Cajade; 5. William Donovan; 6. Elizabeth Bonaccio; 7. M. Dang; 8. Ami Shah; 9. Debra Chiarella; 10. Irena Iordanescu; 11. Jennifer Smoklin; 12. Maria Shiao; 13. Jennifer Kaplan.

Current Research Support (continued)

1994-2009: Weill Medical College of Cornell University, Department of Radiology (continued)

Postgraduate Chest and Research Fellows

1. Sheila Davis, 1984-1985, Chest Fellow; 2. David Yankelevitz, 1985-1986, Chest Fellow; 3. Pamela Knapp, MD, 1990-1991, Research Fellow; 4. Robert Perone, MD, 1993-1994, Chest Fellow; 5. Claire Handley, MD, 1996-1997, Chest Fellow; 6. Dorith Shaham, MD, 1997-1998, Chest Fellow; 7. Natasha Buckshee, MD, 1998-2000, Research Fellow; 8. Juan Wisnivesky, MD, 1999-2000, Research Fellow; 9. Rosna Mirtcheva, MD, 1999-2000, Research Fellow; 10. Rebecca Johnson, MD, 1999-2000, Research Fellow; 11. Orly Goitein, MD, 1999-2000, Chest Fellow; 12. Polly Yin MD, 1999-2000, Pathology Fellow; 13. Ali Farooqi, MD 1999-2012, Screening Research Fellow; 14. Jae Lee, MD, 2003-2004, Visiting Research Fellow; 15. Ning Wu, MD, 2003-2004, Visiting Research Fellow; 16. Yao Huang MD, 2006-2007, Visiting Research Fellow; 17. Jianwei Wang, MD, 2008-2009, Visiting Research Fellow.

2010-present: Icahn School of Medicine at Mount Sinai

Medical Students

1. Rachel Miceli BS, 2016

Research Fellows

1. Lijuan Zhang MD, 2010; 2. Yu Maw Htwe MD; 2011-2014; 3. Shijuan Zhao MD, 2012; 4. Jae Lee MD, 2012-2013; 5. Wei Tang MD, 2013-2014; 6. Ying Liu MD, 2013-2014; 7. Mingzhu Liang MD, 2013-2015; 8. Minxia Hu MD, 2014-2015; 9. Xuego Liu MD, 2014-2015; 10. Maria Teresa Parez Warnisher MD, 2015; 11. Kunwei Li MD, 2015-2017; 12. Xiangmeng Chen MD, 2016-2017; 13. Li Liu MD, 2016-2017; 14. Dan Han MD, 2016-2017; 15. Jiayi Liu MD; 2017; 16. Jessica Gonzalez Gutierrez MD, 2016-2017; 17. Ana Jauregaizar MD, 2017; 18. Teng Ma MD, 2017-18; 19. Maham Siddique, 2017-2018; 20. Yeqing Zhu, 2018-2019.

2017-present: Icahn School of Medicine at Mount Sinai

Visiting Professors

1. Ronnie Ptascnik, MD, 2017

Professional Organization Memberships

1971-1974 American Statistical Society
1982-present Society of Thoracic Radiology
1989-present Radiological Society of North America
1990-1992 American College of Radiology
1994-1997 Association of Women Radiologists
2002-2005 European Society of Thoracic Imaging
2002-present International Association for the Study of Lung Cancer

Editorial Appointments

Reviewer/Editor:

1982-1990 Reviewer, *American Journal of Cardiology*
1989-1997 Diagnostic Imaging Editor, *Complications in Surgery*
1992-present Reviewer, *Chest*
1993-present Reviewer, *Radiology*
1995-present Reviewer, *American Journal of Radiology*
1995-1999 Diagnostic Imaging Editor, *Medscape*
1995-2000 Reviewer, *Journal of Computed Assisted Tomography*
2001-present Reviewer, *Lancet and Associated Journals*
2003-present Reviewer, *American Review of Respiratory and Critical Care Medicine*
2005-present Reviewer, *New England Journal of Medicine*

Current Research Support (continued)

Editorial Boards:

1988-present	Clinical Imaging
1990-1994	Investigative Radiology
1994-1999	Academic Radiology
1995-1997	Complications in Surgery
2001-present	Lung Cancer
2003-2011	International Journal of Oncology
2010-2015	Editorial Board, Chinese Journal of Medical Imaging Technology

Language Fluencies

German, French, Spanish, Swahili

Computer Languages

Computer: Assembly, FORTRAN, PL/I, Formac, SAS, dBase, Basic

Non-medical Licenses

Certified Flight Instructor, Commercial Single and Multi-Engine, Sea, and Instrument Pilot Licenses

Sports

Eastern and Nationally Ranked in Tennis Junior Singles and Doubles

Hospital Committees

1986-1989	Member, Radiology Algorithm, <i>the New York Hospital-Cornell Medical Center Department</i>
1987-1995	Member, Case Management, <i>the New York Hospital-Cornell Medical Center</i>
1988-1995	Member, Length of Stay Task Force, <i>the New York Hospital-Cornell Medical Center</i>
1988-1999	Member, Quality Assurance, <i>the New York Hospital-Cornell Medical Center Department</i>
1989-1991	Member, Committee on International Radiology Education, <i>Radiological Society of North America (RSNA)</i>
1989-1996	Member, Postgraduate Education Advisory, <i>the New York Hospital-Cornell Medical Center</i>
1990-1996	Advisor, Faculty Medical Student Program, <i>the New York Hospital-Cornell Medical Center</i>
1991-1999	Member, Ancillary Utilization in the Hospital subcommittee, <i>the New York Hospital-Cornell Medical Center</i>
1992-1999	Member, Computer and PACS Development, <i>the New York Hospital-Cornell Medical Center Department</i>
1992-2006	Member, Promotions, <i>the New York Hospital-Cornell Medical Center Department</i>
1996-1998	Co-leader, In-patient Radiology, <i>the New York Hospital-Cornell Medical Center Department</i>

National Committees

1990-1995	Vice-Chairman, Committee on Standards in Thoracic Radiology, <i>Society of Thoracic Radiology</i>
1991-1992	Chairman, Committee on International Radiology Education, <i>Radiological Society of North America (RSNA)</i>
1992-1996	Chairman, Committee on International Radiology, <i>Radiological Society of North America (RSNA)</i>
1993-1996	Member, RSNA Review Committee of Chest Scientific Sessions and Exhibits, <i>Radiological Society of North America (RSNA)</i>
1994-2001	Member, Expert Panel on Thoracic Imaging, Task Force on Appropriateness Guidelines, <i>American College of Radiology (ACR)</i>
1994-2009	Member, Scientific Study Section, <i>National Institute of Health (NIH)</i>
1995-1999	Member, Study Section, <i>Agency for Health Care Policy Scientific</i>
1995-2000	Member, Program Committee, <i>Computer-Assisted Radiology Society</i>
1998-1999	Chairperson, Rules Committee, <i>Society of Thoracic Radiology</i>
1998-1999	Member, Nominating Committee, <i>Society of Thoracic Radiology</i>
1999-2000	Member, External Advisory Committee, <i>H. Lee Moffitt Cancer Center</i>

Current Research Support (continued)

National Committees (continued)

2000	Member, Lung Cancer Diagnosis and Treatment Guidelines Panel, <i>Am. College of Chest Physicians</i>
2002	Member, Task Force on Screening Technologies, <i>American College of Radiology (ACR)</i>
2003-present	Member, Circle of Friends Advisory Council, <i>American Legacy Foundation</i>
2005	Member, External Scientific Advisory Board, <i>MD Anderson Center</i>
2006-present	Member, Medical Advisory Board, <i>Cancer Prevention Foundation</i>
2006	Member, Scientific, <i>International Association for the Study of Lung Cancer</i>
2017-present	Member, National Lung Cancer Roundtable (NLCRT): Lung Screening Task Group

Awards & Honors

1962	National Mathematics Honor Society
1962	National French Honor Society
1963	Sigma Xi Honor Society
1963	Kentucky Colonel, <i>Gubernatorial Commission, State of Kentucky</i>
1968	Phi Kappa Phi Honor Society
1999	Marie Curie Award (2 nd Place), <i>American Association for Women Radiologists</i>
1999	Best Doctors in America
2000	Who's Who in America
2000	Who's Who in the World
2002	Memorial Award, <i>Chicago Radiological Society</i>
2002	Connie and Priscilla Mack Cancer Advocacy, <i>Miami, FL</i>
2002	International Scientist of the Year, <i>Cambridge, England</i>
2003	Fellow of American College of Chest Physicians (FCCP) (<i>elected</i>)
2003	Most Influential in Radiology, <i>Diagnostic Imaging</i>
2003	Fellow of American College of Chest Physicians (FCCP)
2003	Roth Memorial Award for Health and Medical Books, <i>American Society of Journalists and Authors</i>
2003	American Medical Writers Assoc. Book Award for "Lung Cancer: Myths, Facts, Choices—and Hope"
2003	Best Doctors in America
2004	Who's Who in Medicine and Healthcare
2005	Who's Who in Science and Engineering in the World
2006	Aunt Minnie Award-Greatest Research Impact (2 nd place Finalist)
2006	3rd Annual Wilhelm Roentgen Oration, <i>New York Roentgen Ray Society</i>
2006-2013	America's Top Doctors for Cancer
2007	New York's Top Doctors
2007	Most Influential in Radiology, <i>RT- Image Magazine</i>
2007	Aunt Minnie Award: Scientific Paper of the Year
2007	Aunt Minnie Award: Most Influential Radiology Researcher
2007	Who's Who in the World, 25th Anniversary Edition
2007-2014	Best Doctors, New York Area
2007-2014	America's Top Doctors Book, Castle Connolly Medical Ltd.
2008	Humanitarian in Medicine and Public Health Award, <i>American Legacy Foundation</i>
2009	National Physician of the Year
2009-2014	New York Super Doctors
2010	Who's Who of American Women
2010	Who's Who in the World
2011	Physician Mentor Recognition Program Award, <i>American Medical Association</i>
2012	Leading Physicians of World, <i>International Association of Radiologists</i>
2013-2015	Best Doctors (New York Magazine)
2015	James L Mulshine Leadership Award, <i>Prevent Cancer Foundation (Presented by Andrew von Eschenbach, former Director of the National Cancer Institute and The Food and Drug Administration)</i>

Special Lectures

- 1992 "Role Model" for Research, *Radiological Society of North America*
- 1993 Scanlon Symposium Lecturer, *Society of Thoracic Radiology*
- 1993 Special Focus Session "Manifestations of TB and AIDS throughout the World." *Radiological Society of North America (RSNA)*
- 1993 Organizer of RSNA Abroad Session: The International Visiting Professor Program, *Radiological Society of North America (RSNA)*
- 1995 Organizer of RSNA Special Focus Session: "Teleradiology throughout the World", *Radiological Society of North America (RSNA)*
- 1998 Lung Cancer Screening, *Radiological Society of North America (RSNA) Press Conference (& press release)*
- 1999 Lung Cancer Screening, *American Thoracic Society Press Conference*
- 1999 Coleman B. Rabin Memorial Lecture, *Mount Sinai Medical Center Grand Rounds*
- 2000 Etta Kalin Moskowitz Memorial Lecture, *Stanford University*
- 2000 Annual Oration in Honor of Harold Kundel, *Philadelphia Roentgen Ray Society*
- 2001 Lecture, *Alpha Omega Alpha Honor Medical Society, New York*
- 2003 Multiple topics, *Radiological Society of North America (RSNA) Press Conference*
- 2004 Multiple topics, *Radiological Society of North America (RSNA) Press Conference*
- 2005 Gibson Lecture, *University of Virginia*
- 2007 Lecture-Women's Health, *American Hospital of Paris*
- 2007 Annual Oration, *New York Chapter, Roentgen Ray Society*
- 2008 Merrill Osman Annual Lecture, *Brigham and Women's Hospital, Harvard Medical School*
- 2013 Keynote Lecture, CT Screening for Lung Cancer, *Annual Meeting UK Radiological Society*
- 2013 Medical Grand Rounds: CT Screening for Lung Cancer, *Icahn School of Medicine at Mount Sinai*
- 2016 Lecture, *WTCHP/Selikoff Center for Occupational Health & Medicine*
- 2016 Grand Rounds, *Phoenix Veterans Administration*
- 2017 Grand Rounds, *Dept. of Radiological Diversity, University of Chicago*
- 2017 Grand Rounds, *University Chicago*
- 2017 Keynote Speaker, *Radiology Expo, University of Chicago*
- 2018 Speaker, *2nd European Alliance for APersonalized Medicine, Lung Cancer Screening Working Group and Systematic Review to Define the Policy in European Countries. Consensus meeting. Milano Italy*
- 2019 Keynote Speaker, *92nd Congress of Polish Medical Society of Radiology, Gdansk Poland*

Current Research Support (continued)

US Patents

Number

7,274,810	System and method for three-dimensional image rendering and analysis	9/25/2007
7,499,578	System, method and apparatus for small pulmonary nodule computer aided diagnosis from computed tomography scans	3/3/2009
7,596,401	Method for expanding the domain of imaging software in a diagnostic work-up	9/29/2009
7,660,451	System, method and apparatus for small pulmonary nodule computer aided diagnosis from computed tomography scans	2/9/2010
7,693,729	System and method for conducting a clinical trial study	4/6/2010
7,751,607	System, method and apparatus for small pulmonary nodule computer aided diagnosis from computed tomography scans	7/6/2010
7,873,196	Medical imaging visibility index system and method for cancer lesions	1/18/2011
7,876,939	Medical imaging system for accurate measurement evaluation of changes in a target lesion	1/ 25/2011
7,986, 227	System and method for position matching of a patient for medical imaging	7/26/2011
8,045,770	System and method for three-dimensional image rendering and analysis	10/25/2011
8,050,481	Method and apparatus for small pulmonary nodule computer aided diagnosis from computed tomography scans	11/1/2011
8,165,385	System and method for three-dimensional image rendering and analysis	4/24/2012
8, 577,129	System and method for three-dimensional image rendering and analysis	11/5/2013
9, 125,639	Steerable device for accessing a target site and methods	9/8/2015

Current Research Support (continued)

Projected Developed

- 1985-1993 Multi-Modality Medical/Radiology Clinical Imaging, New York Presbyterian Hospital-Weill Cornell Medical Center
These rounds were started to improve communications between Medical and Radiology House Staff and Attendings.
- 1986-2002 Cost Effective Utilization and Evaluation of Radiological Tests
As chairman of Radiology Algorithm Committee, developed algorithms for DRGs, created mathematical models to assess tradeoffs between different algorithms as well as linear programming and critical path models for optimal radiological resource utilization. Actively participated on hospital committees to reduce costs and length of stay. Developed computer software.
- 1988-2010 Thoracic Oncology Weekly Conference, New York Presbyterian Hospital-Weill Cornell Medical Center
Multi-disciplinary conference of pulmonologists, radiologists, thoracic surgeons, oncologists, radiation oncologists, pathologists, cytologists. Patient management planning for in-and outpatients.
- 1989-1996 New York Area Chest Club
Physicians with special interests in thoracic or pulmonary diseases met 3-4 times per year. The members were from all major teaching hospitals in the New York City area. Outside funding was obtained so that speakers from the US and Canada could be invited to present current research projects.
- 1991-2000 Early Lung Cancer Action Project (ELCAP)
Principal Investigator of a consortium of 2 institutions in New York City.
- Seminars in Clinical and Radiology Research for the Early Lung Cancer Action Program
Participants from the US and Canada were invited to discuss current research topics in detail. Outside funding was obtained to sponsor these meetings:
- | <u>Date</u> | <u>Location</u> | <u>Category Hours</u> |
|--------------------|-----------------|-----------------------|
| April 2-6, 1992 | Vail, CO | 13.0 |
| October 7-8, 1992 | New York, NY | 16.0 |
| September 30, 1993 | New York, NY | 10.3 |
| May 13, 1994 | New York, NY | 10.0 |
| September 30, 1994 | New York, NY | 8.1 |
| February 24, 1995 | New York, NY | 6.0 |
| May 12, 1995 | New York, NY | 6.0 |
| October 13, 1995 | New York, NY | |
| January 19, 1996 | New York, NY | |
| May 17, 1996 | New York, NY | |
| September 27, 1996 | New York, NY | |
| January 10, 1997 | New York, NY | |
| May 2, 1997 | New York, NY | |
| September 26, 1997 | New York, NY | |
- 1999-2006 New York Early Lung Cancer Action Project (NY-ELCAP), Principal Investigator
Established a consortium of 12 institutions in New York State to perform screenings in order to validate the ELCAP results, and extended the screening research projects to a network of institutions.
- 2000-present International Early Lung Cancer Action Program (I-ELCAP), Principal Investigator
Established a consortium of 75 institutions in ten countries to perform screenings -- extending screening research projects to an international network of institutions.

Projects Developed (continued)

International Conferences on Screening for Lung Cancer

Organized conferences for all groups performing screening throughout the world to discuss issues of study design, protocols, pathology, biomarkers, and behavioral aspects related to screening research and practice.

1 st :	Weill Cornell Medical College	New York, NY	Oct 1-2, 1999
2 nd :	Weill Cornell Medical College	New York, NY	Feb 25-27, 2000
3 rd :	Weill Cornell Medical College	New York, NY	Oct 27-29, 2000
4 th :	Weill Cornell Medical College	New York, NY	Feb 23-25, 2001
5 th :	Weill Cornell Medical College	New York, NY	Oct 26-28, 2001
6 th :	American Hospital in Paris	Neuilly sur Seine, FR	Apr 5-7, 2002
7 th :	Weill Cornell Medical College	New York, NY	Oct 18-20, 2002
8 th :	Clinica Universitaria de Navarra	Pamplona, Spain	Apr 25-27, 2003
9 th :	U. of Miami School of Medicine	Miami, FL	Oct 24-25, 2003
10 th :	Weill Cornell Medical College	New York, NY	Apr 24-25, 2004
11 th :	Inst. Nazionale Tumori Regina Elena	Rome, Italy	Oct 15-17, 2004
12 th :	Japan Lung Cancer Society	Nara, Japan	Apr 8-10, 2005
13 th :	Weill Cornell Medical College	New York, NY	Oct 21-23, 2005
14 th :	Holy Cross Hospital	Silver Spring, MD	Apr 21-23, 2006
15 th :	Weill Cornell Medical College	New York, NY	Oct 20-22, 2006
16 th :	Weill Cornell Medical College	New York, NY	Apr 20-22, 2007
17 th :	Luci Curci Cancer Center	Rancho Mirage, CA	Oct 19-21, 2007
18 th :	Rush University Medical Center	Chicago, IL	Apr 25-27, 2008
19 th :	Christiana Care Medical Center	Newark, DE	Oct 24-25, 2008
20 th :	National Press Club	Washington, DC	Apr 7-8, 2009
21 st :	5th Aff. Hospital of Sun Yat-Sen U.	Zhuhai, China	Oct 24-25, 2009
22 nd :	Biodesign Institute, Arizona State U.	Tempe, AZ	Mar 19-21, 2010
23 rd :	Icahn School of Medicine at Mount Sinai	New York, NY	Oct 22-23, 2010
24 th :	Biodesign Institute, Arizona State U.	Tempe, AZ	Feb 25-26, 2011
25 th :	Hadassah Medical Organization	Jerusalem, Israel	Oct 24-25, 2011
26 th :	U. of Miami School of Medicine	Miami, FL	Apr 16-17, 2012
27 th :	Icahn School of Medicine at Mount Sinai	New York, NY	Nov 4-5, 2012
28 th :	Icahn School of Medicine at Mount Sinai	New York, NY	May 9-10, 2013
29 th :	Icahn School of Medicine at Mount Sinai	New York, NY	Oct 12-13, 2013
30 th :	Icahn School of Medicine at Mount Sinai	New York, NY	May 17-18, 2014
31 st :	National Cancer Institute	Beijing, China	Oct 18-19, 2014
32 nd :	Clinica Universidad de Navarra	Pamplona, Spain	May 9-10, 2015
33 rd :	Icahn School of Medicine at Mount Sinai	New York, NY	Dec 4-5, 2015
34 th :	Holy Cross Hospital	Silver Spring, MD	May 6-7, 2016
35 th :	Icahn School of Medicine at Mount Sinai	New York, NY	Nov 18-19, 2016
36 th :	Hirslanden Lung Centre	Zurich, Switzerland	May 5-6, 2017
37 th :	Swedish Cancer Ctr. & Swedish Hospital	Seattle, WA	Sep 15-16, 2017
38 th :	Icahn School of Medicine at Mount Sinai	New York, NY	Mar 16-17, 2018
39 th :	Vassar Brothers Medical Center	Poughkeepsie, NY	Oct 16-17, 2018
40 th :	Mount Sinai West	New York, NY	Apr 12-13, 2019

Current Research Support (continued)

Projects Developed (continued)

2015-present Initiative for Early Lung Cancer Research on Treatment (IELCART), Principal Investigator
 Established a consortium of institutions for a prospective cohort study on Stage I NSCLC. Held meetings to develop and report on the results.

Workshop I	New York, NY	Jan 1, 2015
Workshop II	New York, NY	Feb 27-28, 2015
Workshop III	New York, NY	Jun 26, 2015
Workshop IV	New York, NY	Sep 18, 2015
1 st Conference (w/ the 33rd I-ELCAP)	New York, NY	Dec 5-6, 2015
Workshop V	New York, NY	Mar 18, 2016
2 nd Conference (w/ the 34th I-ELCAP)	Silver Spring, MD	May 6-7, 2016
Workshop VI	New York, NY	Jun 23, 2016
Workshop VII	New York, NY	Sep 23, 2016
3 rd Conference (w/ the 35th I-ELCAP)	New York, NY	Nov 18-19, 2016
Workshop VIII	New York, NY	Mar 17, 2017
4 th Conference (w/ the 36th I-ELCAP)	Zurich, Switzerland	May 5-6, 2017
Workshop IX	New York, NY	Jun 23, 2017
5 th Conference (w/ the 37th I-ELCAP)	Seattle, WA	Sep 15-16, 2017
6 th Conference (w/the 38 th I-ELCAP)	New York, NY	Mar 16-17, 2018
7 th Conference (w/the 39 th I-ELCAP)	Poughkeepsie, NY	Oct 16-17, 2018
8 th Conference (w/the 40 th I-ELCAP)	New York, NY	Apr 12-13-2019

2010-present Dutch Lung Cancer Course (1 week)

Course I	New York, NY	Oct 3-7, 2011
Course II	New York, NY	Oct 8-12, 2012
Course III	New York, NY	Oct 7-11, 2013
Course IV	New York, NY	Oct 6-10, 2014
Course V	New York, NY	Oct 5-9, 2015
Course VI	New York, NY	Oct 3-7, 2016
Course VII	New York, NY	Oct 2-6, 2017
Course VIII	New York, NY	Oct 1-5, 2018

Current Research Support

Flight Attendants Medical Research Institute (FAMRI). 2019-2020 \$138,362

FAMRI-Supported Flight Attendant Screenings

The goal of this program is to offer free scans to flight attendants exposed to secondhand tobacco smoke and to screen for diseases caused by exposure to tobacco smoke.

Role: PI

National Institute of Occupational Safety and Health (Crane) 2016-2022 \$270,705

WTC Clinical Center of Excellence Lung Cancer Screening Program

The Mount Sinai World Trade Center Clinical Center of Excellence (WTCCCE) provides clinical services for first responders through a fee-for-service reimbursement mechanism, as well as infrastructure-related services through a contract which funds members' services and administrative services.

Role: Radiologist

Current Research Support (continued)

NIOSH/CDC UO1OH011479 (Sigel/Wisnivesky) 2018-2021 \$326,950

Optimizing Lung Cancer Screening in World Trade Center Rescue and Recovery Workers

The goal of this project is to use simulation modeling to determine the best and most cost-effective screening and work-up regimens implementing low-dose computed tomography screening for lung Cancer in WTC responders.

Role: Co-Investigator

National Institutes of Health (PI: Branch) 7/2017-6/2021 \$2,399,076

Hepatotoxic Exposures, Progressive Fatty Liver Disease (NASH), and Liver Cancer Risk in the World Trade Center Health Program General Responder Cohort

This project will develop and use innovative and enabling digital technologies to provide the first systematic investigation of liver disease in a large cohort of WTC responders.

Role: Co-Investigator

TUFCCC/HC Regional Comprehensive Cancer Health Disparity Partnership (PI: Erlich) 7/2018-6/2021 \$48,765

Nicotine Dependence and Lung Cancer Genetics in African Americans

Substantial racial differences in the association of genetic variants with nicotine metabolism have been reported and strong preliminary evidence exists that African Americans are more likely to be poor metabolizers of tobacco smoke carcinogens, thus predisposed to greater risk of developing lung cancer. This study will provide a unique opportunity, not only to explore novel hypotheses about the genetics of lung cancer risk in African American smokers, but also to support the overall collaboration and training objectives of the U54.

Role: Co-Investigator

Bristol Meyers Squibb Foundation & Veterans Affairs (Moghanaki/Henschke/Avila) 2017-2020 \$1,561,988

Veterans' Access Partnership to Lung Screening (VA-PALS)

The goal is to increase the likelihood of early detection, and ultimately reduce the mortality rate of lung cancer by implementing a comprehensive LS patient management system at 10 VA medical centers through a partnership between I-ELCAP, the VistA Expertise Network, the VA Center for Innovation, and the VA National Teleradiology program. The other goal is to analyze the implementation and performance of the VA-ELCAP management system to guide future expansion of LS services to all Veterans at risk of dying prematurely from lung cancer.

Role: Co-PI

Past Research Support

1. Quantitative Evaluation of Left Ventricular Wall Motion
Harvard Biomedical Research Grant. 1981. \$25,000
PI: Claudia I. Henschke
2. Clinical Trials of Heme-Oxygenase Inhibitor in the Management of Hyperbilirubinemia in Newborns
National Institute of Child Health and Human Development. 1987-2000. \$10,000,000
PI: Dr. Attallah Kappas, Rockefeller University,
Statistician: Claudia I. Henschke: Design and Analysis
3. Mapping the Prenatal Growth of the Human Cerebral Cortex
Joseph P. Kennedy, Jr. Foundation. 1990-1992
PI: Marc Jouandet, Cornell University Medical College
Statistician: Claudia I. Henschke
4. Chemoprevention of Skin Cancer in Albinos
National Cancer Institute. 1981-1994. \$500,000
PI: Dr. Jeff Luande, Tanzania Tumor Center, Tanzania
Co-PI: Claudia I. Henschke: Design and analysis of clinical trial
5. Screening for Early Lung Cancer
Kodak. 1993-1994. \$40,000
PI: Claudia I. Henschke
6. Screening for Early Lung Cancer
General Electric. 1994-1995. \$40,000
PI: Claudia I. Henschke
7. Early Lung Cancer Registry
Paul Newman Fund. 1993-1994. \$10,000
PI: Daniel Libby, Co-PI: Claudia I. Henschke
8. Neural Net Characterization of Small Pulmonary Nodules
Rome Laboratories and Booz Allen, Hamilton. 1994-1996. \$200,000
PI: Claudia I. Henschke
9. Early Lung Cancer with CT Screening
National Cancer Institute. 1995-1999. \$615,000
R01-CA-63393
PI: Claudia I. Henschke
10. Evaluation of Pulmonary Nodules
Rome Laboratory, 1996-1997. \$17,000
PI: Claudia I. Henschke
11. Biologic and CT Assessment of Cancer Gene Therapy
NIH (R21.7) 1997-1999. \$100,000
PI: R. Crystal, Co-PI: Claudia I. Henschke
12. Regional Prodrug Therapy for Liver Colorectal Metastases
NIH (R01CA71500) 1997-2000. \$157,607 PI: Ronald Crystal,
Investigator: Claudia I. Henschke
13. Quantitative Analysis of Pulmonary Nodules
Whittaker Grant. 1998-2001. \$200,000
PI: Binsheng Zhao DSc, Advisor: Claudia I. Henschke
14. CT Venography in Conjunction with CT Pulmonary Angiography
Weill Cornell Medical College. Departmental Seed Grant, 1997-1998. \$2,900
PI: Ami Shah (Radiology Resident), Advisor: Claudia Henschke
15. Utility of CT Venography Combined with CT Pulmonary Angiography
Society of Thoracic Radiology Research Grant. 1997-1999. \$8,000
PI: Ami Shah, Advisor: Claudia I. Henschke

Past Research Support (continued)

16. Early Lung Cancer Detection, Diagnosis, Treatment, and Prevention
Cornell University Medical College Pre-program Project Award. 1999. \$50,000
PI: Claudia I. Henschke
17. Early Repeat CT Imaging for Evaluation of Solitary Lung Nodules
National Cancer Institute, R01-78905. 9/99-8/02 for \$1,244,431
(Including supplemental funding of \$493,088 for ELCAP)
PI: David F. Yankelevitz, Investigator: Claudia I. Henschke
18. Repeat CT Imaging for Early Diagnosis of Lung Cancer
National Cancer Institute (R01-CA-78905) 1999-2002.
\$1,161,000 (including supplemental funding for ELCAP of \$400,000)
PI: David Yankelevitz, Investigator: Claudia Henschke
19. Spore in Lung Cancer: Web Based Pathology File for Early Lung Cancer
National Cancer Institute. Vanderbilt University, Small Spore Grant. 2000-2001. \$31,000
PI: David Yankelevitz, Investigator: Claudia Henschke
20. Spore in Lung Cancer: Web Based Radiology Teaching File for Early Lung Cancer
National Cancer Institute. Vanderbilt University, Small Spore Grant. 2000-2001. \$31,000
PI: Claudia Henschke
21. NY-ELCAP Coordinating Center and Screening Site
AMDeC Grant. 2000-2003. \$4,500,000
PI: Claudia I. Henschke
22. Foundation for Lung Cancer: Early Detection, Prevention and Treatment
12/00-4/03, \$2,400,000
PI: Claudia I. Henschke, Co PI: David F. Yankelevitz
23. Computer Aided Diagnosis of Pulmonary Nodules with Digital Chest Radiography
Kodak Research Agreement. 2000-2002. \$175,000
Co-PIs: Claudia I. Henschke and David F. Yankelevitz
24. Prospective Investigation of Pulmonary Emboli (PIOPED II)
NIH Heart, Lung and Blood Institute. 2000-2005. \$20,000,000
NIH PI: H. Stein, Cornell PI: HD Sostman, Investigator: Claudia I. Henschke
25. Digital Chest Project
Kodak Research Agreement. 2001-2002. \$175,000
Co-PIs: Claudia I. Henschke and David F. Yankelevitz
26. NY-ELCAP Pathology Review
American Cancer Society. 2001-2006. \$250,000
PI: Claudia I. Henschke
27. Analysis of CXR as a Screening Technique for Lung Cancer
Kodak. 2002-2003. \$73,000
PI: David Yankelevitz, Investigator: Claudia Henschke
28. Reader Variability in Nodule Assessment on CT
General Electric. 2002-2003. \$100,000
PI: David F. Yankelevitz, Investigator: Claudia Henschke
29. Database Computer Aided Detection
General Electric Corporate R & D. 2002-2003. \$99,644
PI: Claudia I. Henschke, Co-PI: David F. Yankelevitz
30. NCI Protocol. Phase I and Clinical Pharmacologic Study of Inhaled Doxorubicin in Adults with Advanced Solid Tumors Affecting the Lungs. NIH 2003
PI: David S. Schrump, Investigator: Claudia I. Henschke

Past Research Support (continued)

31. Fish Oil Intake: Biomarkers and Change in Lung Function
National Heart and Lung Institute Grant. R01 HL75476-04. 2003-2009
Columbia Co-PI: G. Barr, Mt. Sinai Co-PI: C. Henschke
32. Spore in Lung Cancer
National Cancer Institute. Vanderbilt University, Small Spore Grant. 2004-2005. \$25,000
PI: Claudia I. Henschke, Co PI: David F. Yankelevitz
33. Volumetric CT for Lung Cancer and General Thoracic Imaging
Department of Defense. 2002-2005. \$629,800
PI: Claudia I. Henschke
34. Smoking Cessation and CT Screening
Schnurmaker Foundation. 2004-2007. \$100,000
PI: Claudia I. Henschke
35. Surveillance for Second Primary Lung Cancer
Cancer Research and Prevention Foundation of America. 2005-2007. \$80,000
PI: Robert Korst, Investigator: Claudia I. Henschke
36. New Approaches to Assess Treatment Response of Lung Cancer
Cancer Research and Prevention Foundation of America. 2005-2007. \$110,000
PI: David F. Yankelevitz, Investigator: Claudia Henschke
37. Evaluation of Computer-aided Techniques for Assessment of Emphysema
Astra Zeneca. 2006-2007. \$100,000
PI: David F. Yankelevitz, Investigator: Claudia Henschke
38. Smoking Cessation in the Context of CT Screening for Lung Cancer
American Legacy Foundation: 12/30/06-12/31/09, \$1,600,000
PI: Claudia Henschke. Investigator: David F. Yankelevitz
39. A prospective clinical trial to determine the feasibility of performing microarray analysis on fine needle aspirates from patient with early lung lesions
Flight Attendant Medical Research Institute (FAMRI) Grant. 2006-2008. \$200,000
PI: Scott Wadler, Investigator: Claudia I. Henschke
40. Develop a Public Database to Facilitate the Image Tools to Assess Drug Response for Lung Cancer. Cancer Research Foundation. 2005-2007. \$120,000
Co-PIs: C. Henschke and D Yankelevitz
41. Development and CAD Assessment of a PN Database (LIDC)
National Cancer Institute. U01 CA09110-05-08 2001-2008. \$1,623,140
PI: David F. Yankelevitz, Investigator: Claudia I. Henschke
42. Computer Assisted Targeting of Pulmonary Nodules
National Cancer Institute: STTR funding period 8/07-9/08, \$200,000
PI: David F. Yankelevitz, Investigator: Claudia I. Henschke
43. Pilot Reference Image Database to Evaluate Response to Drug Therapy
NIH 3 R01 CA78905-06S1-S3. 2007-2008. \$510,133
PI: David F. Yankelevitz, Investigator: Claudia I. Henschke
44. Computer Detection of Nodules of the Lung
National Cancer Institute. R33 CA101110-04 2005-2009. \$400,000
PI: A. Reeves, Sub-contract PI: Claudia Henschke
45. Repeat CT Imaging for Diagnosis of Lung Cancer: Second Order Considerations
National Cancer Institute. R01-78905. 2007-2009. \$878,181
PI: David F. Yankelevitz, Investigator: Claudia I. Henschke
46. Evaluation of Tumor Response: VEG105290.
Imaging Coordinating Center GlaxoSmithKline. 2006-2009. \$450,000
PI: David F. Yankelevitz, Investigator: Claudia I. Henschke
47. Improving Interpretation of Portable CXR in the ICU
Carestream Health 2011. \$300,000
Co-PIs: Claudia Henschke and David F. Yankelevitz

Past Research Support (continued)

48. Modeling Lung Cancer: Risks, Progression and Screening
National Cancer Institute. U01 CA097431. 2002-2010. \$1,000,000
PI: M Kimmel, Co-PI: Cornell: C. Henschke
49. CT Screening and Smoking Cessation
American Legacy Foundation. 2005-2013. \$2,100,000
PI: C. Henschke
50. Agency for Toxic Substances and Disease Registry (ATSDR) Grant.
The Libby Epidemiology Research Program. 2009-2015
LERP, PI: R. Flores. Role: Co-investigator
51. Benefits and Harms of Lung Cancer Screening in HIV Infection
National Institutes of Health/National Cancer Institute. R01 CA173754. 2013-2018. \$56,590
PI: Crothers, Braithwaite, Wisnivesky; Co-Investigator: Henschke
52. Screening for Respiratory and Cardiac Diseases in Never-smokers Exposed to Secondhand Tobacco Smoke.
Flight Attendants Medical Research Institute (FAMRI). Centers of Excellence. 2007-2018. \$14,580,000
Role: PI

Media Interviews

Newspapers

New York Times: "CAT Scan Process Could Cut Deaths from Lung Cancer" (front page) (7/9/1999)
New York Times: "Scientist of the Week" (10/31/2006)
New York Times Magazine: "New York Super Doctors" (4/26/2006)
Wall Street Journal: (10/26/2006)

Magazines

Time
Newsweek
US World & News Report
Science Times (2006)

Television:

National/ local on-air interviews e.g. NBC (12/30/2013), ABC (11/4/2010, 6/29/2011, 2012)

Radio

National Public Radio (NPR)

Special Radio Invitations

1988 "On the Air" Presentation: Algorithms, *Radiological Society of North America (RSNA)*
1994 "On the Air" Presentation: Screening, *Radiological Society of North America (RSNA)*
2003 "On the Air" Presentation: Algorithms, *Radiological Society of North America (RSNA)*
2004 "On the Air" Presentation: Algorithms, *Radiological Society of North America (RSNA)*
2005 "On the Air" Presentation: Algorithms, *Radiological Society of North America (RSNA)*
2009 "On the Air" Presentation: Algorithms, *Radiological Society of North America (RSNA)*
2010 "On the Air" Presentation: Screening, *Radiological Society of North America (RSNA)*
2011 "On the Air" Presentation: Screening, *Radiological Society of North America (RSNA)*
2012 "On the Air" Presentation: Screening, *Radiological Society of North America (RSNA)*
2013 "On the Air" Presentation: Screening, *Radiological Society of North America (RSNA)*
2014 "On the Air" Presentation: Screening, *Radiological Society of North America (RSNA)*

Publications

1. Shannon SB, **Henschke CI**. Stat-Pack, a statistical programming package. ACM Journal 1967; 2:123-35
2. Fontaine S, Henschke U, Lefall L, **Mason C (aka Henschke)**, Reinhold A, Schneider R, White J. Comparison of the cancer deaths in the black and white USA population from 1949-1967. Med Ann Dist Columbia 1972; 41:293-8 PMID:4502790
3. Lissitz RW, **Henschke-Mason C (aka Henschke)**. The selection of independent variables and prior probabilities as a factor influencing the accuracy of classifying individuals to existing groups. Multivariate Behavioral Research Journal 1974; 9
4. Henschke U, Lefall L, **Mason C (aka Henschke)**, Reinhold A, Schneider R, White J. Alarming increase of the cancer mortality in the U.S. black population (1950-1967). Cancer 1973; 31:763-8 PMID:4706044
5. **Henschke CI**, Kossack CF, Lissitz RW. A generalized classification technique using interval, ordinal, and nominal variables. Multivariate Behav Res 1974; 1:105-18 PMID:26828734
6. **Henschke CI**, Chen MD. A variable selection technique for classification problems. Education and Psychological Measurement 1974; 1:11-8
7. **Henschke CI**, Hessel S, McNeil BJ. Automated diagnosis in radiology. Invest Radiol 1979; 14:195-201 PMID:381246
8. Teele RL, **Henschke CI**, Tapper D. The radiographic and ultrasonographic evaluation of enteric duplication cysts. Pediatr Radiol 1980; 10:9-14 PMID:6968427
9. Borrow KM, **Henschke C**, Sloss LJ, Wynne J. Tricuspid stenosis masquerading as right ventricular failure in a patient with a prosthetic mitral valve. Cathet Cardiovasc Diagn 1981; 7:409-15 PMID:7326736
10. Mirsky I, **Henschke C**, Hess OM, Krayenbuehl HP. Prediction of postoperative performance in aortic valve disease. Am J Cardiol 1981; 48:295-303 PMID:7270439
11. Beckmann CF, Levin DC, Kubicka RA, **Henschke CI**. The effect of sequential arterial stenosis on flow and pressure. Radiology 1981; 140:655-8 PMID:7280231
12. Goldson A, **Henschke CI**, Henschke U, Lefall L, Schneider R. Is there a genetic basis for cancer differences between Afro-Americans and Euro-Americans? J Natl Med Assoc 1981; 73:701-6 PMID:7265280 PMCID:PMC2552686
13. **Henschke CI**. Ultrasound in the detection of fetal abnormalities. J Cont Education in Radiol 1982; 2:65-97
14. Pasternac A, Noble J, Streulens Y, Elie R, **Henschke C**, Bourassa MG. Pathophysiology of chest pain in patients with cardiomyopathies and normal coronary arteries. Circulation 1982; 65:778-89 PMID:7199403
15. **Henschke CI**, Goldman H, Teele RL. The hyperechogenic liver in children: cause and sonographic appearance. AJR Am J Roentgenol 1982; 138:841-6. PMID:6805271
16. Teele R, **Henschke CI**. Ultrasonic evaluation of abdominal masses - a four year survey. Clinics in Diagnostic Ultrasound January, 1983.
17. Ellis SG, **Henschke CI**, Sandor T, Wynne J, Braunwald E, Kloner RA. Time course of functional and biochemical recovery of myocardium salvaged by reperfusion. J Am Coll Cardiol 1983; 1:1047-55 PMID:6833644

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18. Sandor T, **Henschke C**, Risser TA, Hanlon WB, Neumann A, Wynne J. Quantitative analysis of left ventricular wall motion and thickness using two-dimensional echocardiography. *Int J Biomed Comput* 1983; 14:431-9 PMID:6642752
19. **Henschke CI**, Pasternac GS, Schroder S, Hart KK, Herman PG. Bedside chest radiography: diagnostic efficacy. *Radiology* 1983; 149:23-6 PMID:6611930
20. **Henschke CI**, Teele RL. Cholelithiasis in children: recent observations. *J Ultrasound Med* 1983; 2:481-4 PMID:6644868
21. **Henschke CI**, Risser TA, Sandor T, Hanlon WB, Neumann A, Wynne J. Quantitative computer-assisted analysis of left ventricular wall thickening and motion by 2-dimensional echocardiography in acute myocardial infarction. *Am J Cardiol* 1983; 52:960-4 PMID:6637849
22. Ellis SG, Wynne J, Braunwald E, **Henschke CI**, Sandor T, Kloner RA. Response of reperfusion -- salvaged, stunned myocardium to inotropic stimulation. *Am Heart J* 1984; 107:13-9 PMID:6691220
23. Olsen LK, Forrest JV, Friedman PJ, Kiser PE, **Henschke CI**. Pneumonitis after amiodarone therapy. *Radiology* 1984; 150:327-30 PMID:6691083
24. Brisson J, Morrison AS, Kopans DB, Sadowsky NL, Kalisher L, Twaddle JA, Meyer JE, **Henschke CI**, Cole P. Height and weight, mammographic features of breast tissue and breast cancer risk. *Am J Epidemiol* 1984; 119:371-81 PMID:6702813
25. **Henschke CI**, Ellis SG, Risser TA, Wynne J, Kloner RA, Sandor T. Quantitative analysis of left ventricular function: pre and post-ischemic two-dimensional echocardiography in dogs. *AJR Am J Roentgenol* 1984; 143:537-42 PMID:6331731
26. **Henschke CI**, Pasternac GS, Herman PG. Maximizing the efficacy of chest radiographs in the ICU. *Applied Radiology* 1984; 13:139-43 PMID:10317529
27. Luande J, **Henschke CI**, Mohammed N. The Tanzanian human albino skin. Natural history. *Cancer* 1985;1823-8 PMID:3978567
28. Ellis SG, **Henschke CI**, Sandor T, Wynne J, Kloner RA. Relation between the transmural extent of acute myocardial infarction and associated contractility two weeks after infarction. *Am J Cardiol* 1985; 55:1412-6 PMID:3993580
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30. Westcott JL, **Henschke CI**, Berkmen Y. MR imaging of the hilum and mediastinum: the effects of cardiac gating. *J Comput Assist Tomogr* 1985; 1073-8 PMID:4056140
31. **Henschke CI**, Davis S. Pneumonia in Immune Compromised Patients. *Contemporary Diagnostic Radiology* 1986; 10:1-6
32. Steiner RM, Rockoff SD, Stitik FP, Goodman LR, Freundlich IM, Ellis K, Judkins MP, Wiot JF, Holman BL, **Henschke C**. The current state of residency and fellowship training programs in pulmonary and cardiac radiology. *AJR Am J Roentgenol* 1987; 148:1081-5 PMID:3495131

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33. **Henschke CI**, Davis SD, Auh Y, Romano P, Westcott J, Berkmen YM, Kazam E. Visualization of bronchial abnormalities: comparison of computed tomography and bronchoscopy. *J Comput Assist Tomogr* 1987; 11:432-5 PMID:3571584
34. Davis SD, **Henschke CI**, Chamides BK, Westcott JL. Intrathoracic Kaposi sarcoma in AIDS patients: radiographic - pathologic correlation. *Radiology* 1987; 163:495-500. PMID:3562832
35. **Henschke C**, Balter S, Whalen J, Saint-Louis L, Auh Y, Cataldi G, Goldman AB, Rosenblit G, Sarkar S, Winchester P, Organizing for radiological efficiency in a DRG environment. *Invest Radiol* 1988; 23:321-6 PMID:3131267
36. **Henschke CI**, Balter S, Whalen JP, Colfelt BW. Diagnostic protocols for radiological efficiency. *Adm Radiol* 1988; 7:26-8 PMID:10312784
37. **Henschke CI**, Davis S, Romano P, Yankelevitz D. The pathogenesis, radiological evaluation and therapy of pleural effusions. *Radiological Clinics of North America* 1989; 27:1241-55 PMID:2685883
38. **Henschke CI**, Liberman L. Streptococcal empyema: a role for cross-sectional diagnostic imaging. *Infect Surg* 1989; 8:11-4
39. Yankelevitz D, **Henschke CI**, Hayt D, Balter S. Digital Radiography: Eliminating Suboptimal Radiographs. *Infect Surg* 1989; 8:196-200
40. **Henschke CI**, Davis SD, Romano PM, Yankelevitz DF. Pleural effusions: pathogenesis, radiological evaluation and therapy. *J Thorac Imaging* 1989; 4:49-60 PMID:2643715
41. Deck MD, **Henschke C**, Lee BC, Zimmerman RD, Hyman RA, Edwards J, Saint Louis LA, Cahill PT, Stein H, Whalen JP. Computed tomography versus magnetic resonance imaging of the brain. A collaborative interinstitutional study. *Clin Imaging* 1989; 13:2-15 PMID:2743188
42. **Henschke CI**, Yankelevitz D, Connors CJ, Libby DM. A Solitary Pulmonary Nodule in Young Asymptomatic Patients. *Infect Surg* 1989; 8:405-9
43. Davis SD, **Henschke CI**, Yankelevitz DF, Cahill PT, Yi Y. MRI imaging of pleural effusions. *J Comput Assist Tomogr* 1990; 42:192-8 PMID:2312846
44. Davis SD, Maldjian C, Perone RW, Yankelevitz DF, Knapp PH, **Henschke CI**. CT of the Airways. *Clin Imaging* 1990; 14:280-300 PMID:2088579
45. **Henschke CI**, Saint-Louis LA, Balter S, Sarkar SD, Balter P, Whalen JP. Optimizing radiological costs in the DRG environment. *Invest Radiol* 1990; 25:194-9 PMID:2107152
46. Schwartz L, Yankelevitz D, **Henschke CI**. Differential Diagnosis for a Solitary Liver Mass. *Infect Surg* 1990; 9:25-8
47. **Henschke CI** and Ernst BJ. Hepatic and Lung Abscesses. *Infect Surg* 1990; 9:3-9
48. Eddens G, Yankelevitz D, Wallerson D, **Henschke CI**. Radiographic Lucencies Adjacent to the Heart Border. *Infect Surg* 1990; 9:4-11
49. **Henschke CI**, Maldjian C, Yankelevitz D. CT and MR of Diffuse Lung Diseases. *Postgraduate Radiology*. 1991; 11:47-63

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50. **Henschke CI**, Yankelevitz DF, Davis SD. Pleural Diseases: Multimodality Imaging and Clinical Management. *Current Problems in Diagnostic Radiology* 1991; 20:155-81 PMID:1743049
51. Yankelevitz DF, **Henschke CI**, Knapp PH, Nisce L, Yi Y, Cahill P. Effect of radiation therapy on thoracic and lumbar bone marrow: evaluation with MR imaging. *AJR Am J Roentgenol* 1991; 157:87-92 PMID:1904679
52. Cajade A, Yankelevitz D, Hartmann B, **Henschke CI**. The differential diagnosis for a psoas abscess. *Comp Surg* 1991; 10:14-8
53. Schwartz LH, Yankelevitz D, Wallerson D, **Henschke CI**. Radiographic features of right atrial masses. *Comp Surg* 1991; 10:31-5
54. Cooke JT, Yankelevitz D, Weingarten K, **Henschke CI**. MRI in the evaluation of central nervous system sarcoidosis. *Comp Surg* 1991; 10:16-20
55. Yankelevitz DF, Knapp PH, **Henschke CI**, Nisce L, Yi Y, Cahill P. MR appearance of radiation hepatitis. *Clin Imaging* 1992; 16:89-92 PMID:1547481
56. **Henschke CI**. Image selection for computed tomography of the chest. A sampling approach. *Invest Radiol* 1992; 27:908-11 PMID:1464508
57. Davis SD, Yankelevitz DF, **Henschke CI**. Radiation effects on the lung: clinical features, pathology, and imaging findings. *AJR Am J Roentgenol* 1992; 159:1157-64 PMID:1442375
58. Perone RW, **Henschke CI**, Davis SD, Romano P, Altorki N. The value of high resolution computed tomography in the diagnosis and treatment of pulmonary aspergillosis. *Comp Surg* 1992; 11:24-33
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61. Donovan WD, Yankelevitz DF, **Henschke CI**, Altorki N, Nash TA. Endobronchial spread of bronchioloalveolar carcinoma. *Chest* 1993; 104:951-3 PMID:8031337
62. Yankelevitz DF, **Henschke CI**. Needle-tip localization for CT-guided biopsies. *J Thorac Imaging* 1993; 8:241-3 PMID:8320767
63. Davis SD, Yankelevitz DF, Williams T, **Henschke CI**. Pulmonary tuberculosis in immunocompromised hosts: epidemiologic, clinical and radiological assessment. *Semin Roentgenol* 1993; 28:119-30 PMID:8516688
64. Yankelevitz DF, **Henschke CI**, Davis SD. Percutaneous CT biopsy of chest lesions: an in vitro analysis of the effect of partial volume averaging on needle positioning. *AJR Am J Roentgenol* 1993; 161:273-8 PMID:8333360
65. Knapp PH, **Henschke CI**, Libby DM, Altorki NK, Skinner DB. Bronchogenic spread of TB in a patient with adenoid cystic carcinoma of the right upper lobe bronchus: The role of high resolution computed tomography. *Infect Med* 1993; 10:55-8
66. **Henschke CI**. Apples and Oranges. *Invest Radiol* 1993; 28:263 PMID:8486495

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67. Yankelevitz DF, **Henschke CI**, Davis SD. Angulated needle placement in CT-guided intrathoracic needle biopsies. *Clin Imaging* 1993; 17:124-5 PMID:8348401
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69. Kappas A, Drummond GS, **Henschke C**, Petmezaki S, Valaes T. Control of hyperbilirubinemia in preterm and term newborns by an inhibitor of bilirubin production. In Cosmi EV, DiRenzo GC, eds. *Current Progress in Perinatal Medicine. The proceedings of the 2nd World Congress of Perinatal Medicine, Rome Italy*, London: The Parthenon Publishing Group 1994: 623-9
70. **Henschke CI**, Steiner RM, McCloud T, Westcott JL. The practice of chest radiology in departments with residency programs. *Invest Radiol* 1994; 29:48-53 PMID:8144337
71. **Henschke CI**, Miettinen OS, Yankelevitz DF, Libby D, Smith JP. Radiographic screening for cancer. Proposed paradigm for requisite research. *Clin Imaging* 1994; 18:16-20 PMID:8180854
72. Yankelevitz DF, **Henschke CI**, Davis SD. Appropriate window and level settings in CT-guided biopsies. *J Thorac Imaging* 1994; 9:108-11 PMID:8207774
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248. JACC Cardiovasc Imaging Margolies L, Salvatore M, Hecht HS, Kotkin S, Yip R, Baber U, Bishay V, Narula J, Yankelevitz D, **Henschke C**. Digital Mammography and Screening for Coronary Artery Disease. . March 8, 2016. *(Led to many TV interviews and news articles.)*
249. Radiological Society of North America 102nd Scientific Assembly. Margolies L, Salvatore M, Hecht HS, Kotkin S, Narula J, Yankelevitz D, **Henschke C**. Breast Arterial Calcification Scoring: Using Mammography to Assist Our Primary Care Physicians in Identifying Those at Risk for Cardiovascular Disease. Nov 27 - Dec 2, 2016. McCormick Place, Chicago, IL.
250. American Heart Association Scientific Session. Yankelevitz DF, Cham MD, Hecht H, Yip R, Narula J, Shemesh J, **Henschke CI**. The Association of Second Hand Tobacco Smoke with Obstructive and Non obstructive Atherosclerosis as Assessed by Coronary Computed Tomographic Angiography. November 13, 2016. New Orleans, LA.
251. 17th IASLC World Conference on Lung Cancer. Li K, Yip R, Avila RS, **Henschke CI**, Yankelevitz DF, Icahn School of Medicine, Accumetra. The Effect of Rounding on Rate Positive Results on CT Screening for Lung Cancer. December 5, 2016. Vienna, Austria.
252. 17th IASLC World Conference on Lung Cancer. Tran BV, Nicastrì DG, Yip R, Li K, Xu DM, Beasley MB, Salvatore M, Yankelevitz DF, **Henschke CI**, Flores R, Evaluation of Stage 1 Sub-Solid Nodules Using PET Imaging. December 5, 2016. Vienna, Austria.
253. 17th IASLC World Conference on Lung Cancer. Avila RS, Yankelevitz DF, Yip R, **Henschke CI**. Initial results from a novel and low cost method for measuring CT image quality. December 5, 2016. Vienna, Austria.
254. 17th IASLC World Conference on Lung Cancer. Yip R, Taioli E, Schwartz R, Li, K, Tam K, Htwe YM, Yankelevitz DF, **Henschke CI**. A review of quality of life measures used in lung cancer surgical outcomes. December 5, 2016. Vienna, Austria.
255. 17th IASLC World Conference on Lung Cancer. Flores R, **Henschke CI**, Taioli E, Yankelevitz DF. Initiative for Early Lung Cancer Research on Treatment (IELCART). December 6, 2016. Vienna, Austria.
256. American Thoracic Society Scientific Session. Gonzalez J, **Henschke CI**, Yankelevitz DF, Reeves AP, Yip RE, Xie Y, Chung M, Sanchez-Salcedo P, Alcaide AB, Campo A, Berto J, Ocon M, Pueyo J, Bastarrika G, De Torres JP, Zulueta JJ. Optimizing lung cancer screening criteria: the role of emphysema in the SP-IELCAP lung cancer screening cohort. May 19-24, 2017. Washington, DC

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257. American Thoracic Society Scientific Session. Steiger D, Filopei J, Siddiqi M, Yip R, Yankelevitz DF, **Henschke CI**. on behalf of the I-ELCAP investigators. Evidence of Emphysema in a Cohort of Participants without Symptoms Undergoing Low Dose Chest CT Screening for Lung Cancer. ATS May 23, 2017. Am J Respir Crit Care Med 2017; 195:AS177, Washington DC.
258. Expanding Research Partnerships: State of the Science. Branch AD, Chen X, Li K, Yip R, Perumalswami P, Lewis S, Delbello D, Becker BJ, Yankelevitz DF, Boffetta P, Crane M, **Henschke CI**. Higher prevalence of liver steatosis (non-alcoholic fatty liver disease) in members of the World Trade Center Health Program general responder cohort than in non-responders. June 21-22, 2017. Denver-Aurora, CO.
259. The Association of VA Hematology/Oncology (AVAHO). Moghanaki D, Avila R, Aguayo S, Yip R, Jirapatnakul A, Yankelevitz DF, **Henschke CI**. Veterans Affairs Partnership to Increase Access to Lung Cancer Screening Implementation Network (VA-PALS) Sept 15-17, 2017. Denver, CO.
260. 18th IASLC World Conference on Lung Cancer. **Henschke CI**. Reeves A, Yankelevitz DF. Lung cancer screening – IELCAP contribution to CT screening implementation. Oct 15, 2017. Invited abstract and oral presentation
261. 18th IASLC World Conference on Lung Cancer. **Henschke CI**. Yip R, Chung M, Avila R, Yankelevitz DF. Major advances in CT screening ; a radiologist’s perspective. Oct 16, 2017. Invited abstract and oral presentation.
262. 18th IASLC World Conference on Lung Cancer. Avila R, **Henschke CI**, Yankelevitz DF. Planning for USA registries for CT screened images. October 17, 2017.
263. 18th IASLC World Conference on Lung Cancer. Chung M, Lewis E, Yip R, Jirapatnakul, Reeves A, Yankelevitz DF, **Henschke CI**. Changes in the pulmonary artery after resection of Stage I lung cancer. Planning for USA registries for CT screened images. October 17, 2017
264. 18th IASLC World Conference on Lung Cancer. Jirapatnakul A, Reeves A, Yip R, Liu S, Xie Y, Flores R, **Henschke CI**, Yankelevitz DF. Effect of resection of Stage I lung cancer on lung volume. October 17, 2017
265. 18th IASLC World Conference on Lung Cancer. Yip R, Li K, **Henschke CI**, Yankelevitz DF. Deconstructing surgical decision making. October 17, 2017
266. 18th IASLC World Conference on Lung Cancer. Yip R, Li K, Liu L, Xu D, Tam K, Yankelevitz DF, **Henschke CI**. Controversies on lung cancer manifesting as part-solid nodules. October 18, 2017
267. 18th IASLC World Conference on Lung Cancer. Li K, Yip R, **Henschke CI**, Yankelevitz DF. Peripheral or central lung nodules. How do thoracic surgeons define it? October 17, 2017
268. 18th IASLC World Conference on Lung Cancer. Avila R, Yankelevitz DF, Yip R, Jirapatnakul A, **Henschke CI**., Automatic estimation of measurement error on CT imaging. October 17, 2017
269. 18th IASLC World Conference on Lung Cancer. Flores R, Taioli E, Yankelevitz DF, Yip R, Becker B, Jirapatnakul J, Reeves A, Schwartz R, Tam K, **Henschke CI**. Initiative for Early Lung Cancer Research on Treatment: pilot implementation. Oct 17, 2017
270. 18th IASLC World Conference on Lung Cancer. Yip R, Li K, Liu L, Xu D, Tam K, Yankelevitz DF, **Henschke CI**. Controversies on lung cancer manifesting as part-solid nodules. Oct 18, 2017
271. 18th IASLC World Conference on Lung Cancer. Tuminello S, Liu B, **Henschke CI**, Yankelevitz DF, Flores R, Taioli E. Determinants and effectiveness of lung cancer screening in the US population. Oct 17, 2017

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272. American Radium Society Scientific Session. Berlin E, Buckstein M, Yip R, Yankelevitz DF, **Henschke CI**, Rosenzweig K. Radiation therapy for Stage I lung cancer detected on computed tomography screening: results from the International Early Lung Cancer Action Program. Orlando, FL, May 5-8, 2018
273. 19th IASLC World Conference on Lung Cancer. **Henschke CI**, Aguayo SM, Avila R, Yankelevitz DF, Moghanaki D. LDCT Screening for lung cancer among U.S. Veterans: An Update on the VA-PALS Project. Toronto, September 2018
274. American Association for the Study of Liver Diseases 2018. Branch A, Chen X, Ma T, Yip R, Crane M, Yankelevitz D, Lewis Sara, Perumaswami P, **Henschke CI**. Exposure to the World Trade Center Attack is associated with increased risk of moderate-to-severe hepatic steatosis and liver injury. San Francisco, November 9, 2018
275. 39th International Conference on Screening for Lung Cancer. Nicastrì D, Wolf A, Lee DS, Kaufman A, Hakami A, Fevrier E, Yip Q, Taioli E, Yankelevitz D, **Henschke C**, Flores R. Pre-operative risk factors for home oxygen use after lung cancer surgery. October 9, 2018
276. Radiological Society of North America Scientific Session. Lee J, Jirapatnakul A, Yip R, **Henschke CI**, Yankelevitz D, Giger M. Using deep learning to predict emphysema in early lung cancer screening low-dose CT scan. November 25, 2018
277. Radiological Society of North America Scientific Session. Jirapatnakul A, Reeves A, Yip R, Lewis S, Branch A, **Henschke CI**, Liu S, Ma T. Automated measurement of liver attenuation to identify hepatic steatosis from low-dose CT lung screening scans. November 27, 2018
278. 2nd European Alliance for Personalized Medicine Congress. Lung Cancer Screening Working Groups and Systematic Review to Define the Policy in European Countries. Consensus Meeting, Yip R, Triphuridat N, Fevrier E, **Henschke CI**. What is the best diagnostic protocol for baseline and annual repeat CT detected solid, part-solid and nonsolid nodules? Milano, Italy November 27, 2018
279. SPIE Medical Imaging Scientific Session. Fuhrman J, Crosby J, Yip R, **Henschke CI**, Yankelevitz DF, Giger M. Detection and classification of coronary artery calcifications on low-dose thoracic CTs. San Diego, CA, February 20, 2019
280. American Association of Physicists in Medicine 2019. Fuhrman J, Crosby J, Yip R, **Henschke CI**, Yankelevitz DF, Giger M., Deep learning in the task of detecting coronary artery calcifications in low-dose thoracic CTs. San Antonio, TX, 2019
281. Radiological Society of North America. Fuhrman J, Crosby J, **Henschke CI**, Yankelevitz DF, Giger M. Detection and Classification of Coronary Artery Calcifications in Low Dose Thoracic CT Using Deep Learning, Chicago, IL, November 2019