

CURRICULUM VITAE

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Education:

1968 B.A., *cum laude* Brandeis University, Waltham, MA
1973 M.D., Tufts University, School of Medicine, Boston, MA

Medical Training:

1973-1974 Internship, Internal Medicine, Montefiore Hospital and Medical Center,
Bronx, NY
1974-1976 Residency, Internal Medicine, Montefiore Hospital
1977-1979 Residency, General Preventive Medicine, The Johns Hopkins University,
School of Hygiene and Public Health, Baltimore, MD
1979-1980 Fellowship, Medical Oncology, The Johns Hopkins Oncology Center,
Baltimore, MD

Medical Board Certification:

1976 American Board of Internal Medicine
1983 American Board of Preventive Medicine

Post-Doctoral Training:

1977 M.P.H., The Johns Hopkins University,
School of Hygiene and Public Health
1977-1979 Post-Doctoral Training, Department of Epidemiology,
The Johns Hopkins University, School of Hygiene and Public Health

Employment at the National Cancer Institute:

1996-present Senior Investigator, REB, DCEG, NCI
2002-2014 Chief, Radiation Epidemiology Branch (REB), Division of Cancer
Epidemiology and Genetics (DCEG), NCI
1994-1996 Chief, Analytical Studies Section, Biostatistics Branch, DCEG, NCI
1987-1994 Medical Officer, Analytical Studies Section, Biostatistics Branch, Division
of Cancer Etiology, NCI

Academic Appointments:

2001-present	Senior Associate, Department of Epidemiology, The Johns Hopkins University, School of Hygiene and Public Health
1994-2001	Senior Research Associate, European Institute of Oncology, Milan, Italy
1986-1987	Associate Professor, Department of Epidemiology, The Johns Hopkins University School of Hygiene and Public Health
1981-1986	Assistant Professor, Department of Epidemiology, The Johns Hopkins University School of Hygiene and Public Health Joint Appointment in Oncology, The Johns Hopkins Oncology Center
1979-1981	Instructor, Department of Epidemiology, The Johns Hopkins University School of Hygiene and Public Health

Other Appointments:

2004-2005	President, American College of Epidemiology
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Fellowships and Scholarships:

1964-1966	Full tuition scholarship, Brandeis University
1967-1968	Partial tuition scholarship, Brandeis University
1977-1979	Research Training Award in Cancer Epidemiology

Honors:

1968	Elected to Phi Beta Kappa
1972	Elected to Alpha Omega Alpha
1975	Outstanding Emergency Room Physician, Montefiore Hospital and Medical Center
1993	National Institutes of Health (NIH) Merit Award
1998	NCI Mentoring Award
1999	Henry L. Moses Competition, First Prize for Published Paper, Clinical Medicine Category
1999	NIH Director's Award
1999	Elected to American Epidemiological Society
2000	Division of Cancer Epidemiology & Genetics, Exemplary Service Award
2001	NIH Quality of Life Award
2007	NCI Mentor of Merit
2007	American College of Epidemiology Distinguished Service Award
2009	Inducted into the Johns Hopkins Society of Scholars
2010-2016	Member of Council, National Council on Radiation Protection & Measurements
2011-2017	Member of the Nuclear and Radiation Studies Board, National Academy of Sciences
2013	NCI Merit Award
2014	Outstanding Contributions to Epidemiology, American College of Epidemiology

2015 DCEG Exemplary Service Award
2018 HHS Career Achievement Award
2018 NCI Merit Award: U.S. Radiologic Technologists Study Team

Membership in Professional Societies:

Member, Society for Epidemiologic Research
Fellow, American College of Epidemiology
Fellow, American College of Preventive Medicine
Member, American Epidemiological Society
Member, American Association for Cancer Research
Member, Radiation Research Society

Editorial Boards and Other Journal Review:

Editorial Boards:

American Journal of Epidemiology, 2003-2013
Journal of the National Cancer Institute, 2003-present

Other Recent Journal Review Service:

American Journal of Epidemiology
American Journal of Industrial Medicine
Bioelectromagnetics
British Journal of Cancer
Cancer
Cancer Causes and Control
Cancer Epidemiology Biomarkers and Prevention
Cancer Research
Epidemiology
Epidemiologic Reviews
European Journal of Cancer
European Journal of Epidemiology
European Journal of Haematology
International Journal of Cancer
Journal of the American Medical Association
Journal of Clinical Epidemiology
Journal of Clinical Oncology
Journal of Epidemiology and Community Health
Journal of the National Cancer Institute
The Lancet
Leukemia
Leukemia Research
Medical and Pediatric Oncology
New England Journal of Medicine
Occupation and Environmental Medicine
PLoS One
Radiation Research

Committee Service:

United States:

The Johns Hopkins University, School of Public Health

Admissions Committee, Master of Public Health Program, 1982-1986

Admissions Committee, Department of Epidemiology, 1983-1984

DCEG, NCI

Technical Evaluation of Questionnaires Committee, 1987-1989

Technical Evaluation of Protocols Committee, 1989-1990

Biospecimen Repository Governing Board, 1992-1999

Promotion and Tenure Review Panel, 1998-2001

Senior Advisory Group, 1999-2014

Chair, DCEG Review Realignment Working Group, 2012-2013

Chair, Promotions and Tenure Review Panel, 2014-present

NIH

Chair, Working Group on Childhood Cancer Trends, NCI, 1997-1999

Childhood Cancer Working Group, 1999-2002

Assistant DCEG representative, NIH Women Scientists Advisors, 1997-1999

DCEG representative to NIH Women Scientists Advisors, 1999-2001

NCI Intramural Working Group, 2000-2001

Search Committee, Neuro-Oncology Branch, 2016

U.S. Navy, Naval Research Office

Advisory Committee to review progress of Epidemiologic Study of

Thyroid Cancer and Leukemia Risk following the Chernobyl Accident, 1999

American Academy of Pediatrics

Committee on Environmental Health (NCI liaison), 1999-2006

American Cancer Society

Advisory Group on Cancer and the Environment, 1999-2006

American College of Epidemiology

Board of Directors, 1999-2006

Chair, Publications Committee, 1999-2004

Member, Task Force on Mentoring, 2006-2007

Organizer, Career Development Workshop, 2009, 2010

Children's Oncology Group

Epidemiology/Late Effects Steering Committee (Consultant), 2000-2003

National Council on Radiation Protection

Member, Scientific Committee 4-4 (Report on "Risks of Radiation to the
Developing Embryo, Fetus, and Nursing Infant"), 2008-2013

Council Member, 2010-2016

Distinguished Emeritus Member, 2016 - present

Nuclear and Radiation Studies Board, National Academy of Sciences

Member, 2011-2017

Food and Drug Administration

Member, Technical Electronic Product Radiation Safety Committee, 2016-present

International:

The Leukaemia Research Fund (LRF), London, UK

Site Visit Committee to review the LRF-funded Center for Clinical
Epidemiology, University of Leeds, quinquennium reviews, 1995, 2000, 2010

European Institute of Oncology, Milan, Italy

Benzene Advisory Group, 1995

International Commission on Non-Ionizing Radiation Protection, World Health
Organization, Geneva, Switzerland

Standing Committee on Epidemiology, 1997-2002

International Agency for Research on Cancer, Lyon, France

Advisory Working Group to the IARC Monograph Series, 1998

Children with Leukaemia, London, UK

Review of grant-holders' reports, 2008

International Agency for Research on Cancer

Site Visit Committee to review Environment and Radiation Section, 2011

International Childhood Cancer Cohort Consortium

Steering Committee, 2008 – present

Chair, Organizing Committee, Annual Meeting, Oxford, UK, 2016

Co-Chair, Organizing Committee, Annual Meeting, Rockville, MD, USA, 2017

Joint workshop, Childhood Leukemia International Consortium and the International
Childhood Cancer Cohort Consortium

Chair, Organizing Committee, Rockville, MD, USA, 2017

Individual mentoring:

Student Advisees at Johns Hopkins

<u>Name</u>	<u>Thesis Title</u>	<u>Degree</u>	<u>Completed</u>
Schober, Susan E.	The Association of Chronic Lymphocytic Leukemia with Selected Lifestyle Risk Factors	Sc.M.	1982
Cushman, Susan	The Epidemiology of Sudden Infant Death Syndrome: A Review of the Literature	M.H.S., Sc.M.	1982
Koblin, Beryl A.	Risk Factors Associated with Postoperative Pulmonary Complications	Sc.M.	1983
Flynn, Diane M	Prognostic Factors for Survival in Chronic Lymphocytic Leukemia	Sc.M.	1984
Erhardt, Amy L.	A Comparison of Hematologic Characteristics of Indolent and Rapidly Progressive Chronic Lymphocytic Leukemia	M.H.S.	1985
Han, Christina S.	Geographic Distribution of Aplastic Anemia Mortality in the United States	M.H.S.	1985
Rebbeck, Tim	The Monoclonal Gammopathies: Characterization and Clinical Association in a Hospital Population	Sc.M.	1986
Miller, Robin H.	Serum Protein Electrophoresis Patterns and Associations with Clinical and Sociodemographic Characteristics in Chronic Lymphocytic Leukemia	Sc.M.	1986
Johannes, Catherine	A Diary Study of Precipitators of Migraine Headache (Co-Advisor with Dr. Walter Stewart)	Ph.D.	1989
Mohan, Aparna	Mortality and Incidence Studies of Hematological Malignancies and Other Cancers in a Cohort of Radiological Technologists (Co-Advisor with Dr. Genevieve Matanoski)	Ph.D.	2001

Post-doctoral fellows and tenure-track investigators supervised at the National Cancer Institute

<u>Name (designation)</u>	<u>Years supervised</u>	<u>Manuscripts overseen</u> (see peer-reviewed ref. nos.)
Siobhan D. Harlow, Ph.D. (pre-doctoral fellow)	1983-1987 (Johns Hopkins)	22, 23
Xiao-Ou Shu, M.D., Ph.D. (post-doctoral fellow)	1987-1988	14, 21, 56
Wong-Ho, Chow, Ph.D. (post-doctoral fellow)	1992-1994	44, 49, 59, 60
Frank D. Groves, M.D., M.P.H. (post-doctoral fellow)	1992-1998	51, 62, 107, 116

<u>Name (designation)</u>	<u>Years supervised</u>	<u>Manuscripts overseen</u> (see peer-reviewed ref. nos.)
Dana R. Friedman, Ph.D. (post-doctoral fellow)	1992-1996	70
Elizabeth E. Hatch, Ph.D. (post-doctoral fellow)	1991-1996	70, 90, 96, 97, 103, 105, 108, 115, 117, 119, 120, 125, 126, 131, 146, 159, 160
Peter D. Inskip, Sc.D. (tenure-track)	1993-1995, 1998- 2002	125, 129, 134, 136, 137, 145, 146, 147
Bu-Tian Ji, M.D., Ph.D. (post-doctoral fellow)	1993-1997	86
Kai-Li Liaw, Ph.D. (post-doctoral fellow)	1995-1997	88, 89
Lene Mellekjær, Ph.D. (visiting fellow)	1995-1998	76, 77, 91, 98
Louise Wideroff, Ph.D. (post-doctoral fellow)	1996-1997	93
Johanna Adami, M.D., Ph.D. (visiting fellow)	1997-1998	104
Dalsu Baris, M.D., Ph.D. (visiting fellow)	1997-1999	105
Judith U. Cope, M.D., M.P.H. (post-doctoral fellow)	1998-2000	135
Aparna Mohan, M.D. (doctoral student – thesis advisor)	1999-2002	132, 148
Alice J. Sigurdson, Ph.D. (tenure-track)	1999-2007	150
Deirdre A. Hill, Ph.D. (post-doctoral fellow)	2000-2004	143, 144, 153
Regan Howard, M.S. (pre-doctoral fellow)	2006-2008	213
Kwangpyo Kim, Ph.D. (post-doctoral fellow)	2006-2008	205, 253
Chu-Ling Yu, Ph.D. (post-doctoral fellow)	2007-2011	221, 222, 297
Lindsay Morton, Ph.D. (tenure-track)	2008-2015	176, 194, 207, 230, 234, 262, 298- 301
Preetha Rajaraman, Ph.D. (tenure-track)	2009-2011	177, 178, 208, 209, 219, 237, 259, 270, 274, 295, 302, 305, 319
Choonsik Lee, Ph.D. (tenure-track)	2009-2016	
Vladimir Drozdovitch, Ph.D. (post-doctoral fellow; currently staff scientist)	2010-2014	279, 284, 296

<u>Name (designation)</u>	<u>Years supervised</u>	<u>Manuscripts overseen</u> (see peer-reviewed ref. nos.)
Lisa Khaykin Cahoon, Ph.D. (post-doctoral fellow; research fellow; Stadtman Scholar, tenure-track)	2010-2014 2014-present	251, 271, 282, 284, 300, 307, 313, 314, 318, 324, 327, 331, 343, 346, 347
Cari Meinhold Kitahara, Ph.D. (research fellow; tenure-track)	2011-present	224, 240, 245, 254, 256, 276, 283, 303, 309, 317, 319, 321, 325, 326, 327, 329, 330, 331, 334, 335, 336, 337, 339, 340, 341, 345, 346, 347
Jason Liu, Ph.D. (post-doctoral fellow)	2012-2015	281, 324
Rachel Zamoiski, Ph.D. (post-doctoral fellow)	2014-2016	307, 325, 329
Hyeyeun Lim, Ph.D. (post-doctoral fellow)	2014-2016	326, 347

NIH Mentoring Committees:

Lindsay Morton, Ph.D., 2011-2015
 Choonsik Lee, Ph.D., 2011-2016
 Maboobeh Safaeian, Ph.D., 2013-2015
 Pauline Mendola, Ph.D. (NICHD), 2014-2018
 Britton Trabert, Ph.D., 2014-present
 Shahinaz Gadalla, Ph.D., 2015-present
 Douglas Stewart, M.D., 2015-present
 Danping Liu, Ph.D., 2018-present

Consulting Activities:

Environmental Protection Agency
 Office of Pesticides Programs
 Carcinogen Assessment Group

Food and Drug Administration
 Division of Life Sciences, Center for Devices and Radiological Sciences

Research Interests:

Occupational radiation exposures of medical radiation workers and cancer risks
 Non-ionizing radiation exposures and cancer risks including:

- Ultraviolet radiation and risks of skin cancers and other cancers
- Radiofrequency radiation from mobile telephone use and brain tumors
- Residential magnetic field exposures and childhood leukemia

Etiology of hematopoietic and lymphoproliferative malignancies and related disorders

- Benzene and risks of myeloid and lymphoid neoplasms
- Other occupational and environmental exposures

- Family history of cancer and genetic factors
- Medical conditions, diagnostic tests, and treatments
- Lifestyle factors

Research Funding:

Grants Received:

Project Title: Epidemiologic and HLA Study of Chronic Lymphocytic Leukemia
 Source and Identifying Number: NCI R01 CA 26500
 Role: Co-Principal Investigator and Project Director
 Amount of Award and Period of Support: \$663,438; 1979-1985

Project Title: Epidemiology of Aplastic Anemia in Baltimore
 Source and Identifying Number: NCI R01 CA 24757
 Role: Investigator
 Amount of Award and Period of Support: \$539,083; 1979-1983

Project Title: The Influence of HLA on the Immune Response to Viral Vaccines in Humans
 Source and Identifying Number: National Institute of Allergic and Infectious Diseases RFP-NIH-NIAID-MIDP-79-26
 Role: Investigator
 Amount of Award and Period of Support: 10% Salary Support; 1979-1981

Project Title: Investigation of a Possible Cluster of Aplastic Anemia in Teenagers
 Source and Identifying Number: Prudential Insurance Company and The Johns Hopkins University Center for Occupational and Environmental Health
 Role: Principal Investigator
 Amount of Award and Period of Support: \$6,000; 1980-1981

Project Title: A Case-Control and Time Trends Study of Aplastic Anemia in a Three County Area of South Carolina
 Source and Identifying Number: Biomedical Research Support Grant 2 S07 RR05445-20
 Role: Principal Investigator
 Amount of Award and Period of Support: \$4,138; 1981-1982

Project Title: A Case-Control Study of Multiple Myeloma
 Source and Identifying Number: Biomedical Research Support Grant 2 S07 RR05445-22
 Role: Co-Principal Investigator
 Amount of Award and Period of Support: \$15,856; 1982-1984

Project Title: Epidemiologic and Immunogenetic Study of Macroglobulinemia
 Source and Identifying Number: NCI R01 CA 33822
 Role: Co-Principal Investigator
 Amount of Award and Period of Support: \$222,720; 1983-1985

Project Title: Epidemiology of Migraine Headache
 Source and Identifying Number: National Institute of Neurological and Communicative

Disorders and Stroke R01 NS 19381-01A3
Role: Principal Investigator
Amount of Award and Period of Support: \$657,391; 1985-1987

Project Title: Atherosclerosis Research in Communities
Source and Identifying Number: National Heart Lung and Blood Institute RFP: HP-84-23
Role: Investigator
Amount of Award and Period of Support: \$7,370,163; 1985-1993
Project Title: Epidemiology of Migraine Headache - Budget Supplement
Source and Identifying Number: National Institute of Neurological and Communicative Disorders and Stroke R01 NS 19381-01A3S1
Role: Investigator
Amount of Award and Period of Support: \$98,430; 1987-1988

Research Projects - Contracts Supervised:

Project Title: An Epidemiologic Study of Benzene Exposure in China
Source and Identifying Number: NCI CP71119
Recipient: Institute of Occupational Medicine, Chinese Academy of Preventive Medicine, Beijing, China
Role: Co-Project Officer and Co-Principal Investigator
Amount of Award and Period of Support: \$451,000; 1986-1990

Project Title: Etiology of Childhood Leukemia - Measurement of Low Frequency Magnetic Fields
Source and Identifying Number: NCI CP95608
Recipient: Westat, Inc., Rockville, MD
Role: Project Officer and Principal Investigator
Amount of Award and Period of Support: \$4,570,181; 1989-1995

Project Title: Cancer Among Patients Diagnosed with Selected Conditions and Surgical Procedures (Denmark and Sweden)
Source and Identifying Number: NCI (Denmark) MAO NO1-CP-85636-04
(Sweden) MAO NO1-CP-85636-05
Recipients: Danish Cancer Society, Division of Cancer Epidemiology, Copenhagen and Denmark Uppsala University, Department of Cancer Epidemiology, Uppsala, Sweden
Role: Project Officer and Principal Investigator
Amount of Award and Period of Support: \$421,393 (Denmark); 1992-1995
\$446,119 (Sweden); 1992-1995

Project Title: A Case-Control Study of Brain Tumors
Source and Identifying Number: NCI CP15677
Recipient: RTI, Research Triangle Park, NC
Role: Co-Project Officer and Co-Principal Investigator
Amount of Award and Period of Support: \$3,660,000; 1993-1998

Project Title: Support Services for the Biostatistics Branch
Source and Identifying Number: NCI NO2-CP-40501
Recipient: Westat, Inc.
Role: Project Officer and Principal Investigator
Amount of Award and Period of Support: \$6,015,317; 1994-1997

Project Title: Cancer and other Serious Conditions Among Patients with Selected
Conditions and Surgical Procedures (Denmark and Sweden)
Source and Identifying Number: NCI (Denmark) MAO NO1-CP-61111
(Sweden) MAO NO1-C P-60538
Recipients: Danish Cancer Society, Division of Cancer Epidemiology and Uppsala
University, Department of Cancer Epidemiology
Role: Assistant Project Officer and Co-Principal Investigator
Amount of Award and Period of Support: \$271,461 (Denmark); 1996-1997
\$313,292 (Sweden); 1996-1997

Project Title: Support Services for the Radiation Epidemiology Branch
Source and Identifying Number: National Cancer Institute NO2-CP-31013
Recipient: RTI
Role: Project Officer and Principal Investigator
Amount of Award and Period of Support: \$8,308,672; 2003-2008

Project Title: U.S. Radiologic Technologists Cohort: New Strategies for Follow-Up and
Detailed Study of Radiation Exposure
Source and Identifying Number: NCI NO1-CP-31018
Recipient: University of Minnesota, Minneapolis, MN
Role: Principal Investigator
Amount of Award and Period of Support: \$2,866,607; 2003-2008

Project Title: U.S. Radiologic Technologists Cohort: Follow-Up and Dose-Response for
Occupational and Personal Medical Radiation Exposure
Source and Identifying Number: NCI NO1-CP-31018
Recipient: University of Minnesota
Role: Principal Investigator
Amount of Award and Period of Support: \$2,200,000; 2010-2015

Project Title: Registry Linkage and Cohort Study Cancer Risks of U.S. Radiologic
Technologists
Source and Identifying Number: HHSN261201600412P
Recipient: University of Minnesota
Role: Principal Investigator
Amount of Award and Period of Support: \$150,000; 2016-2017

Bibliography:

Peer-reviewed Journal Articles:

1. **Linnet MS**, Bailey PE. Benzene, leukemia, and the Supreme Court. *J Public Health Policy* 1981;2:116-35.
2. Hochberg MC, **Linnet MS**, Sills EM. The prevalence and incidence of juvenile rheumatoid arthritis in an urban Black population. *Am J Public Health* 1983;73:1202-3.
3. Lewis C, **Linnet MS**, Abeloff MD. Compliance with cancer therapy by patients and physicians. *Am J Med* 1983;74:673-8.
4. **Linnet MS**. Chronic lymphocytic leukemia and multiple myeloma in husband and wife. *Am J Med Sci* 1984;288:21-4.
5. **Linnet MS**, Tielsch JM, Markowitz JA, Sensenbrenner LL, McCaffrey LD, Warm SG, Vanderslice SF, Morgan WF, Bearden JD, 3rd, Szklo M. An apparent cluster of aplastic anemia in a small population of teenagers. *Arch Intern Med* 1985;145:635-40.
6. Szklo M, Sensenbrenner L, Markowitz J, Weida S, Warm S, **Linnet M**. Incidence of aplastic anemia in metropolitan Baltimore: a population-based study. *Blood* 1985;66:115-9.
7. Brookmeyer R, Liang KY, **Linnet M**. Matched case-control designs and overmatched analyses *Am J Epidemiol* 1986;124:693-701.
8. **Linnet MS**, McCaffrey LD, Humphrey RL, Brookmeyer R, Van Natta ML, Tielsch JM, Bias WB, Markowitz JA, Kravitz SC, Szklo M. Chronic lymphocytic leukemia and acquired disorders affecting the immune system: a case-control study. *J Natl Cancer Inst* 1986;77:371-8.
9. **Linnet MS**, McCaffrey LD, Morgan WF, Bearden JD, 3rd, Szklo M, Sensenbrenner LL, Markowitz JA, Tielsch JM, Warm SG. Incidence of aplastic anemia in a three county area in South Carolina. *Cancer Res* 1986;46:426-9.
10. **Linnet MS**, Brookmeyer R. Use of cancer controls in case-control cancer studies. *Am J Epidemiol* 1987;125:1-11.
11. **Linnet MS**, Harlow SD, McLaughlin JK. A case-control study of multiple myeloma in whites: chronic antigenic stimulation, occupation, and drug use. *Cancer Res* 1987;47:2978-81.
12. **Linnet MS**, Stewart WF, Van Natta ML, McCaffrey LD, Szklo M. Comparison of methods for determining occupational exposure in a case-control interview study of chronic lymphocytic leukemia. *J Occup Med* 1987;29:136-41.
13. Miller RH, **Linnet MS**, Van Natta ML, McCaffrey LD, Humphrey RL. Serum protein electrophoresis patterns in chronic lymphocytic leukemia. Clinical and epidemiologic correlations. *Arch Intern Med* 1987;147:1614-7.
14. Shu XO, Gao YT, **Linnet MS**, Brinton LA, Gao RN, Jin F, Fraumeni JF, Jr. Chloramphenicol use and childhood leukaemia in Shanghai. *Lancet* 1987;2:934-7.

15. Tielsch JM, **Linnet MS**, Szklo M. Acquired disorders affecting the immune system and non-Hodgkin's lymphoma. *Prev Med* 1987;16:96-106.
16. **Linnet MS**, Bias WB, Dorgan JF, McCaffrey LD, Humphrey RL. HLA antigens in chronic lymphocytic leukemia. *Tissue Antigens* 1988;31:71-8.
17. **Linnet MS**, Cartwright RA. Chronic lymphocytic leukemia: epidemiology and etiologic findings. *Nouv Rev Fr Hematol* 1988;30:353-7.
18. **Linnet MS**, Malker HS, McLaughlin JK, Weiner JA, Stone BJ, Blot WJ, Ericsson JL, Fraumeni JF, Jr. Leukemias and occupation in Sweden: a registry-based analysis. *Am J Ind Med* 1988;14:319-30.
19. **Linnet MS**, McLaughlin JK, Harlow SD, Fraumeni JF. Family history of autoimmune disorders and cancer in multiple myeloma. *Int J Epidemiol* 1988;17:512-3.
20. McLaughlin JK, Malker HS, **Linnet MS**, Ericsson J, Stone BJ, Weiner J, Blot WJ, Fraumeni JF, Jr. Multiple myeloma and occupation in Sweden. *Arch Environ Health* 1988;43:7-10.
21. Shu XO, Gao YT, Brinton LA, **Linnet MS**, Tu JT, Zheng W, Fraumeni JF, Jr. A population-based case-control study of childhood leukemia in Shanghai. *Cancer* 1988;62:635-44.
22. Harlow SD, **Linnet MS**. Agreement between questionnaire data and medical records. The evidence for accuracy of recall. *Am J Epidemiol* 1989;129:233-48.
23. **Linnet MS**, Harlow SD, McLaughlin JK, McCaffrey LD. A comparison of interview data and medical records for previous medical conditions and surgery. *J Clin Epidemiol* 1989;42:1207-13.
24. **Linnet MS**, Markowitz JA, Sensenbrenner LL, Warm SG, Weida S, Van Natta ML, Szklo M. A case-control study of aplastic anemia. *Leuk Res* 1989;13:3-11.
25. **Linnet MS**, McLaughlin JK, Fraumeni JF, Jr., Malker HS, Weiner JA, Ericsson JL. Mycosis fungoides and occupation in Sweden. *J Natl Cancer Inst* 1989;81:1842-3.
26. **Linnet MS**, Stewart WF, Celentano DD, Ziegler D, Sprecher M. An epidemiologic study of headache among adolescents and young adults. *JAMA* 1989;261:2211-6.
27. **Linnet MS**, Van Natta ML, Brookmeyer R, Khoury MJ, McCaffrey LD, Humphrey RL, Szklo M. Familial cancer history and chronic lymphocytic leukemia. A case-control study. *Am J Epidemiol* 1989;130:655-64.
28. Stewart WF, Celentano DD, **Linnet MS**. Disability, physician consultation, and use of prescription medications in a population-based study of headache. *Biomed Pharmacother* 1989;43:711-8.
29. Stewart WF, **Linnet MS**, Celentano DD. Migraine headaches and panic attacks. *Psychosom Med* 1989;51:559-69.
30. Brandt J, Celentano D, Stewart W, **Linnet M**, Folstein MF. Personality and emotional disorder in a community sample of migraine headache sufferers. *Am J Psychiatry* 1990;147:303-8.

31. Celentano DD, **Linnet MS**, Stewart WF. Gender differences in the experience of headache. *Soc Sci Med* 1990;30:1289-95.
32. Celentano DD, Stewart WF, **Linnet MS**. The relationship of headache symptoms with severity and duration of attacks. *J Clin Epidemiol* 1990;43:983-94.
33. Neglia JP, Severson RK, **Linnet MS**. A reply to M. F. Greaves: toward a testable etiology of childhood acute lymphoblastic leukemia. *Leukemia* 1990;4:517-21; discussion 522.
34. **Linnet M**, Stewart WF, Celentano DD. Headache characteristics associated with physician utilization: A population-based survey. *Am J Prev Med* 1991;7:40-6.
35. **Linnet MS**, Devesa SS. Descriptive epidemiology of childhood leukaemia. *Br J Cancer* 1991;63:424-9.
36. **Linnet MS**, McLaughlin JK, Hsing AW, Wacholder S, Co-Chien HT, Schuman LM, Bjelke E, Blot WJ. Cigarette smoking and leukemia: results from the Lutheran Brotherhood Cohort Study. *Cancer Causes Control* 1991;2:413-7.
37. Phillips PH, **Linnet MS**, Harris EL. Assessment of family history information in case-control cancer studies. *Am J Epidemiol* 1991;133:757-65.
38. Pottern LM, **Linnet M**, Blair A, Dick F, Burmeister LF, Gibson R, Schuman LM, Fraumeni JF, Jr. Familial cancers associated with subtypes of leukemia and lymphoma. *Leuk Res* 1991;15:305-14.
39. Stewart WF, **Linnet MS**, Celentano DD, Van Natta M, Ziegler D. Age- and sex-specific incidence rates of migraine with and without visual aura. *Am J Epidemiol* 1991;134:1111-20.
40. Doody MM, **Linnet MS**, Glass AG, Friedman GD, Pottern LM, Boice JD, Jr., Fraumeni JF, Jr. Leukemia, lymphoma, and multiple myeloma following selected medical conditions. *Cancer Causes Control* 1992;3:449-56.
41. **Linnet MS**, McLaughlin JK, Hsing AW, Wacholder S, Co Chien HT, Schuman LM, Bjelke E, Blot WJ. Is cigarette smoking a risk factor for non-Hodgkin's lymphoma or multiple myeloma? Results from the Lutheran Brotherhood Cohort Study. *Leuk Res* 1992;16:621-4.
42. **Linnet MS**, Pottern LM. Familial aggregation of hematopoietic malignancies and risk of non-Hodgkin's lymphoma. *Cancer Res* 1992;52:5468s-5473s.
43. **Linnet MS**, Ziegler DK, Stewart WF. Headaches preceded by visual aura among adolescents and young adults. A population-based survey. *Arch Neurol* 1992;49:512-6.
44. Chow WH, **Linnet MS**, McLaughlin JK, Hsing AW, Chien HT, Blot WJ. Risk factors for small intestine cancer. *Cancer Causes Control* 1993;4:163-9.
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44. **Linnet MS.** Etiology of Hematologic Malignancies: Overview and Recent Developments. DCEG Seminar Series, NCI, Rockville, MD, March 2005.
45. **Linnet MS.** A Cohort Study of Cancer and Other Serious Diseases Among U.S. Radiologic Technologists: Opportunities for Collaboration. National Institute of Environmental Health Sciences. Research Triangle Park, NC, April 2005.
46. **Linnet MS.** Radiation Spectrums and Mechanisms. Institute of Child Health Workshop on Childhood Leukemia: Evaluation of Findings from the UKCSS and Similar Studies. London, UK, April 2005.
47. **Linnet MS.** Epidemiological and Dosimetry Needs After Radiation Disasters: Lessons from Six Decades of Studies. Radiation Nuclear Federal Interagency Working Group. NIAID, Bethesda, MD, May 2005.
48. **Linnet MS.** High-Yield Cancer Data from Epidemiological Studies of Low-Dose Radiation Exposure. National Cancer Advisory Board, Bethesda, MD, December 2005.
49. **Linnet MS.** Mortality and Incidence Risks in U.S. Radiologic Technologists. ALARA-Oncology conference sponsored by the Society of Pediatric Radiology, Orlando, FL, February 2006.
50. **Linnet MS.** Epidemiological Aspects of Hematological Malignancies. Principles and Practice of Cancer Prevention and Control Course, Rockville, MD, July 2006.
51. **Linnet MS.** Childhood Cancer Etiology: Overview of Descriptive Patterns and Risk Factors. Second Workshop of the International Childhood Cancer Cohort Consortium, Copenhagen, Denmark, August 2007.
52. **Linnet MS.** Childhood Leukemia: Characteristics and Causes. Workshop on Infection and Immune Function in the Etiology of Childhood Leukemia, Sausalito, CA, November 2007.
53. **Linnet MS.** Major Scientific Contributions of RERF: RERF-NCI Collaborations. 6th Annual Beebe Symposium, National Academy of Sciences, Washington, DC, December 2007.
54. **Linnet MS.** Children's Exposures to Diagnostic X-rays and Childhood Cancer Risks: An Epidemiologist's Perspective. The ALARA Concept in Pediatric Imaging-Oncology conference sponsored by the Society of Pediatric Radiology, Phoenix, AZ, May 2008.
55. **Linnet MS.** U.S. Case-Control Studies of Cell Phone Use and Risk of Brain Tumors in Adults. Bioelectromagnetic Society (BEMS) Annual Meeting, San Diego, CA, June 2008.

56. **Linnet MS.** A feasibility study to improve questionnaire-based sun exposure measures for etiologic studies of cancer. Queensland University of Technology, Brisbane, Australia, August 2008.
57. **Linnet MS.** Pediatric diagnostic x-rays and risk of childhood cancer. Murdoch Children's Research Institute. Melbourne University, Melbourne, Australia, August 2008.
58. **Linnet MS.** Cellular (mobile) telephone use and cancer risk. President's Cancer Panel. Phoenix, AZ, January 2009.
59. **Linnet MS.** Cancer risks in medical radiation workers. Late Health Effects of Ionizing Radiation: Bridging the Experimental and Epidemiologic Divide. Georgetown University, Washington, DC, May 2009.
60. **Linnet MS.** Epidemiologic studies of benzene in China: A collaboration of the China Centers for Disease Control and Prevention and the U.S. National Cancer Institute. China Center for Disease Control and Prevention, Beijing, China, October 2009.
61. **Linnet MS.** Diagnostic imaging: radiation doses and risks. Annual Meeting of the American College of Surgeons, Washington, DC, September 2010.
62. **Linnet MS.** Does peri-conception or prenatal folic acid supplements reduce risk of pediatric leukemia? China Center for Disease Control and Prevention, Beijing, China, December 2010.
63. **Linnet MS.** The role of ultraviolet radiation exposure from the sun in risk of skin malignancies and other types of cancer. China Center for Disease Control and Prevention, Beijing, China, December 2010.
64. **Linnet MS.** Cell phones, other rapidly changing technologies and cancer risks: discerning important signals amid great noise. University of Southern California, Los Angeles, CA, April 2011.
65. **Linnet MS.** Risk factors for pediatric cancers: an update. International Childhood Cancer Cohort Consortium, Fourth Workshop, Barcelona, Spain, September 2011.
66. **Linnet MS.** The possible role of periconceptional folic acid supplements and other risk factors in the etiology of childhood leukemia and other pediatric cancers. China Center for Disease Control and Prevention, Beijing, China, October 2012.
67. **Linnet MS.** Why study radiation-exposed populations? National Council on Radiation Protection and Measurements Annual Meeting. Bethesda, MD, March 2013.
68. **Linnet MS,** Mabuchi K, Berrington de Gonzalez A, Little MP. Low-dose radiation and cancer risk. American Epidemiological Society, East Lansing, MI, March 2013.
69. **Linnet MS.** Quantifying preventable causes of cancer in general and high-risk populations. Second China Healthy Lifestyle Conference, Beijing, China, August 2013.
70. **Linnet MS.** Planning for long-term follow-up and health risk studies. Eleventh Gilbert W. Beebe Symposium. The Science and Response to a Nuclear Reactor Accident. National Academy of Sciences, Washington, D.C., May 2014.

71. **Linnet MS.** Planning towards the BEIR VIII report: why this meeting and why now? Scoping meeting for BEIR VIII report, National Academy of Sciences, Washington, D.C., November 2014.
72. **Linnet MS.** Update on new studies of radiation workers. Scoping meeting for BEIR VIII report, National Academy of Sciences, Washington, D.C., November 2014.
73. **Linnet MS.** Cancer risks in medical radiation workers. International Congress on Radiation Research, Kyoto, Japan, May 2015.
74. **Linnet MS.** Current controversies and new developments in radiation epidemiology and dosimetry. Radiation Research Society Annual Meeting, Weston, Florida, September 2015.
75. **Linnet MS.** Chinese Children and Families Cohort Study: Progress report. International Childhood Cancer Cohort Consortium Annual Meeting, Oxford, United Kingdom, November 2015.
76. **Linnet MS.** Preconception, prenatal, and early childhood radiation exposure and cancer risk. In session on “Lasting Legacies: Long-Term Effects of Early Developmental Exposure.” NIH Research Festival, Bethesda, Maryland, September 2016.
77. **Linnet MS** and Nancy Potischman for the Chinese Children and Families Studies Pilot Study Investigators. Chinese Children and Families Cohort: Pilot Studies. International Childhood Cancer Cohort Consortium Annual Meeting, Oxford, United Kingdom, November 2016.
78. **Linnet MS,** Brown LM, Mbulaiteye S, Ostroumova E, Check D, Devesa SS. International Long-term trends in incidence of leukemias and lymphomas among children and adolescents ages 0-19 years. New Findings and Promising Directions in Etiologic Studies of Childhood Cancer, Oxford, United Kingdom, November 2016.
79. **Linnet MS.** What can we say about low-dose radiation-related risks with an acceptable level of uncertainty? In Educational Session entitled “Perspectives on Exposure and Risk – Visions of Radiation Safety: What We Know and What is Coming, Radiological Society of North America (RSNA) Annual Meeting, November 2016.
80. **Linnet MS.** Radiation and risk of childhood leukemia. Joint workshop of the Childhood Leukemia International Consortium and the International Childhood Cancer Cohort Consortium. National Cancer Institute Shady Grove Building, Rockville MD. December 2017.
81. **Linnet MS.** Classification of childhood cancer. Joint workshop of the Childhood Leukemia International Consortium and the International Childhood Cancer Cohort Consortium. National Cancer Institute Shady Grove Building, Rockville MD. December 2017.
82. **Linnet MS,** Dwyer T, Tikellis G. The International Childhood Cancer Cohort Consortium (I4C): an introduction. Future Directions in Childhood Cancer Genetics Research. Gabriella Miller Kids First Pediatric Research Program. Rockledge Building, Bethesda MD. March 2018.

83. **Linnet MS**, Landgren A, Penberthy L, Clerkin C, Liu D, Albert P, Doody M, Kitahara C, Sherman R, Alexander B. Prospects for U.S. Nationwide Cancer Incidence Assessment in Cohort Studies: Virtual Pooled Registry (VPR) Linkage and Beyond. American Epidemiological Society Annual Meeting. Baltimore MD. March 2018.
84. **Linnet MS**. Preconception, Prenatal and Childhood Radiation Exposure and Cancer and Other Health Risks. Sustainable Energy and Nuclear Power: Legacy of Chernobyl. 27th Conference on Health and Environment: Global Partners for Global Solutions. United Nations Secretariat. New York NY. April 2018.

Teaching:

Courses Taught at The Johns Hopkins School of Hygiene and Public Health:

1979-1984	Epidemiology 1 (34M01) - Principles of Epidemiology Laboratory Instructor
1980-1981	Clinical Epidemiology (Special Studies 34A20) Course Director
1981-1984	Advanced Epidemiology Doctoral Student Seminar Series (Special Studies 34A20), Course Director
1982-1984	Epidemiology 1 - Principles of Epidemiology Director of Examinations
1982, 1986	Epidemiology 3 (34A03) - Methods for Case-Control Studies Laboratory Instructor
1984-1986	Summer Program in Epidemiology - Epidemiologic and Preventive Basis of Cancer, Course Director
1985-1986	Epidemiology 9 (34A09) - Epidemiologic and Preventive Aspects of Cancer, Course Co-Director
1986-1987	Epidemiology 9 (34A09) - Epidemiologic and Preventive Aspects of Cancer, Course Director

Courses Taught at the NCI:

2002, 2004,	Radiation Epidemiology and Dosimetry Course
2007, 2011	Organizing Committee and Course Instructor
2015	