

**Charles F. Lynch**  
**Professor**

**EDUCATION**

Loras College, Dubuque, IA	BS	1974	Chemistry
University of Iowa, Iowa City, IA	MD	1979	Medicine
University of Iowa, Iowa City, IA	MS	1979	General Preventive Med
University of Iowa, Iowa City, IA	PhD	1984	Epidemiology

**EMPLOYMENT AND EXPERIENCE**

1982-84	Associate (part-time), Department of Preventive Medicine and Environmental Health, University of Iowa
1986-87	Associate (full-time), joint appointment, Department of Pathology (primary) and the Department of Preventive Medicine and Environmental Health, College of Medicine, University of Iowa
1988-93	Assistant Professor, (joint appointment), Department of Preventive Medicine and Environmental Health (primary) and Department of Pathology, College of Medicine, University of Iowa
1993-99	Associate Professor, (joint appointment), Department of Preventive Medicine and Environmental Health (primary) and Department of Pathology, College of Medicine, University of Iowa
1998-	Full Professor (joint appointment), Department of Epidemiology (primary) and Department of Pathology, College of Public Health (1999), University of Iowa
2000-	Associate Head of Research, Department of Epidemiology, College of Public Health, University of Iowa

**POSTGRADUATE EDUCATION**

1979-81	National Research Service Institutional Research Fellow Award, The University of Iowa, supervisor: Robert B. Wallace, M.D.
1980	15th Annual Graduate Seminar Session in Epidemiology, University of Minnesota, Minneapolis, Minnesota
1981-82	Senior Research Assistant, Department of Preventive Medicine and Environmental Health, The University of Iowa
1982-86	Anatomic Pathology Residency, The University of Iowa Hospitals and Clinics

**HONORS AND AWARDS**

6/79-6/81	National Research Service Institutional Research Fellowship Award, The University of Iowa, supervisor: Robert B. Wallace, M.D
1987-92	Preventive Oncology Academic Award, National Cancer Institute
1989	Excellence in Teaching Award, Department of Preventive Medicine and Environmental Health, College of Medicine, The University of Iowa
1989	Collegiate Teaching Award, The University of Iowa
1997, 1999	Top individual grant/contract recipient, The University of Iowa
1998, 1999	Department of Preventive Medicine and Environmental Health nominee for the John P. Long Teaching Award in the Basic Sciences, College of Medicine, The University of Iowa
2002	Faculty Research Award, College of Public Health, The University of Iowa,
2003	AcademicKeys Who's Who in Health Sciences Education, 2003
2003	Distinguished Service Award, Board in Control of Athletics, The University of Iowa
2004	Outstanding Alumni Award, College of Public Health, The University of Iowa

2006	Member, Alpha Phi Chapter of the Delta Omega Society (an honorary public health society)
2006-07	Special Recognition for Student Teaching in the Introduction to Human Pathology Course, Department of Pathology
2008	Faculty Achievement Award in Community Engagement, Board of Advisors, College of Public Health, The University of Iowa
2008	Distinguished Service Award, Presidential Committee on Athletics, The University of Iowa
2014	Regents Award for Faculty Excellence, Iowa State Board of Regents
2015	Faculty Mentor Award, College of Public Health, The University of Iowa

## PUBLICATIONS

1. Brooks JD, Teraoka SN, Reiner AS, Satagopan JM, Bernstein L, Thomas DC, Capanu M, Stovall M, Smith SA, Wei S, Shore RE, Boice JD Jr, Lynch CF, Mellekjaer L, Malone KE, Liang X, The Wecare Study Collaborative Group, Haile RW, Concannon P, Bernstein JL. Variants in activators and downstream targets of ATM, radiation exposure, and contralateral breast cancer risk in the WECARE Study. Human Mutation 33(1):158-164, 2012. PMID: 21898661 PMCID: PMC3240722
2. Brooks JD, John EM, Mellekjaer L, Reiner AS, Malone KE, Lynch CF, Figueiredo JC, Haile RW, Shore RE, The WECARE Study Collaborative Group, Bernstein JL, Bernstein L. Body mass index and risk of second primary breast cancer: The WECARE Study. Breast Cancer Research and Treatment 131(2):571-580, 2012. PMID: 21892703 PMCID: PMC3251700
3. Starks SE, Gerr F, Kamel F, Lynch CF, Jones MP, Alavanja MC, Sandler DP, Hoppin JA. Neurobehavioral function and organophosphate insecticide use among pesticide applicators in the Agricultural Health Study. Neurotoxicology and Teratology 2012 Jan;34(1):168-176, 2012. PMID: 21907279 PMCID: PMC3601543
4. Limburg PJ, Limsui D, Vierkant RA, Tillmans L, Wang AH, Lynch CF, Anderson KE, French AJ, Haile RW, Harnack LJ, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR. Postmenopausal hormone therapy and colorectal cancer risk in relation to somatic KRAS mutation status among older women. Cancer Epidemiology, Biomarkers and Prevention 21(4):681-684, 2012. PMID: 22337533 PMCID: PMC3584684
5. Starks SE, Hoppin JA, Kamel F, Lynch CF, Jones MP, Alavanja MC, Sandler DP, Gerr F. Peripheral nervous system function and organophosphate pesticide use among licensed pesticide applicators in the Agricultural Health Study. Environmental Health Perspectives 120(4):515-520, 2012. PMID: 22262687 PMCID: PMC3339452
6. Ganz PA, Barry JM, Burke W, Col NF, Corso PS, Dodson E, Hammond E, Kogan BA, Lynch CF, Newcomer L, Seifter EJ, Tooze JA, Viswanath K, Wessells H. National Institutes of Health State-of-the-Science Conference: Role of Active Surveillance in the Management of Men With Localized Prostate Cancer. Annals of Internal Medicine 156(8):591-595, 2012. PMID: 22351514
7. Harshman LA, Barron S, Button AM, Smith BJ, Link BK, Lynch CF, Denburg NL. Population-based exploration of academic achievement outcomes in pediatric acute lymphoblastic leukemia survivors. Journal of Pediatric Psychology May;37(4):458-466, 2012. PMID: 22271791 PMCID: PMC3334536
8. Samadder NJ, Vierkant RA, Tillmans LS, Wang AH, Lynch CF, Anderson KE, French AJ, Haile RW, Harnack LJ, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR, Limburg PJ.

Cigarette smoking and colorectal cancer risk by KRAS mutation status among older women. American Journal of Gastroenterology May;107(5):782-789. 2012. PMID: 22349355 PMCID: PMC3588167

9. Lal G, Groff M, Howe JR, Weigle RJ, Sugg SL, Lynch CF. Risk of subsequent primary thyroid cancer following another malignancy: Latency trends in a population-based study. Annals of Surgical Oncology Jun;19(6):1887-1896, 2012. PMID: 22227921
10. Cerhan JR, Natkunam Y, Morton LM, Maurer MJ, Asmann Y, Habermann TM, Vasef MA, Cozen W, Lynch CF, Allmer C, Slager SL, Lossos IS, Chanock SJ, Rothman N, Hartge P, Dogan A, Wang SS. LIM domain only 2 protein expression, LMO2 germline genetic variation, and overall survival in diffuse large B-cell lymphoma in the pre-rituximab era. Leukemia and Lymphoma Jun;53(6):1105-1112, 2012. PMID: 22066713 PMCID: PMC3575512
11. Cubilla AL, Lloveras B, Alemany L, Alejo M, Vidal A, Kasamatsu E, Clavero O, Alvarado-Cabrero I, Lynch C, Velasco-Alonso J, Ferrera A, Chaux A, Klaustermeier J, Quint W, de Sanjose S, Munoz N, Bosch FX. Basaloid squamous cell carcinoma of the penis with papillary features: a clinicopathology study of 12 cases. American Journal of Surgical Pathology Jun;36(6):869-875, 2012. PMID: 22367299
12. Starks SE, Gerr F, Kamel F, Lynch CF, Alavanja MC, Sandler DP, Hoppin JA. High pesticide exposure events and central nervous system function among pesticide applicators in the Agricultural Health Study. International Archives of Occupational and Environmental Health Jul;85(5):505-515, 2012. PMID: 21927986 PMCID: PMC3595011
13. Gibson TM, Wang SS, Cerhan JR, Maurer MJ, Hartge P, Habermann TM, Davis S, Cozen W, Lynch CF, Severson RK, Rothman N, Chanock SJ, Morton LM. Inherited genetic variation and overall survival following follicular lymphoma. American Journal of Hematology Jul;87(7):724-726, 2012. PMID: 22473939 PMCID: PMC3392094
14. Parsons HM, Harlan LC, Lynch CF, Hamilton AS, Wu XC, Kato I, Schwartz SM, Smith AW, Keel G, Keegan TH. Impact of cancer on work and education among adolescent and young adult cancer survivors. Journal of Clinical Oncology Jul 1;30(19):2393-2400, 2012. PMID: 22614977 PMCID: PMC3675694
15. Sy MS, Altekruse SF, Li C, Lynch CF, Goodman MT, Hernandez BY, Huang X, Saber MS, Hewitt SM, Xin W. Association of prion protein expression with pancreatic adenocarcinoma survival in the SEER Residual Tissue Repository. Cancer Biomarkers 10:251-258, 2012. PMID: 22820080
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17. Gargano JW, Wilkinson EJ, Unger ER, Steinau M, Watson M, Huang Y, Copeland G, Cozen W, Goodman MT, Hopenhayn C, Lynch CF, Hernandez BY, Peters ES, Saber MS, Lyu CW, Sands LA, Saraiya M. Prevalence of human papillomavirus types in invasive vulvar cancers and vulvar intraepithelial neoplasia 3 in the United States before vaccine introduction. Journal of Lower Genital Tract Disease 2012 Oct;16(4):471-479. PMID: 22652576
18. Bellizzi KM, Smith A, Schmidt S, Keegan TH, Zebrack B, Lynch CF, Deapen D, Shnorhavorian M, Tompkins BJ, Simon M, and the Adolescent and Young Adult Health Outcomes and Patient

Experience (AYA HOPE) Study Collaborative Group. Positive and negative psychosocial impact of being diagnosed with cancer as an adolescent or young adult. Cancer 2012 Oct 15;118(20):5155-62. PMID: 22415815

19. Razzak AA, Oxentenko AS, Vierkant RA, Tillmans LS, Wang AH, Weisenberger DJ, Laird PW, Lynch CF, Anderson KE, French AJ, Haile RW, Harnack LJ, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR, Limburg PJ. Associations between intake of folate and related micronutrients and molecularly defined colorectal cancer risks in the Iowa Women's Health Study. Nutrition and Cancer 2012 Oct;64(7):899-910. PMID: 23061900 PMCID: PMC3584680
20. Brooks JD, Boice JD Jr, Stovall M, Reiner AS, Bernstein L, John EM, Lynch CF, Mellemkjaer L, Knight JA, Thomas DC, Haile RW, Smith SA, Capanu M, Bernstein JL, Shore RE; The WECARE Collaborative Group. Reproductive status at first diagnosis influences risk of radiation-induced second primary contralateral breast cancer in the WECARE Study. International Journal of Radiation Oncology, Biology and Physics 2012 Nov 15;84(4):917-924. PMID: 22483700 PMCID: PMC3394928
21. Morton LM, Gilbert ES, Hall P, Andersson M, Joensuu H, Vaalavirta L, Dores GM, Stovall M, Holowaty EJ, Lynch CF, Curtis RE, Smith SA, Kleinerman RA, Kaijser M, Storm HH, Pukkala E, Weathers RE, Linet MS, Rajaraman P, Fraumeni JF Jr, Brown LM, van Leeuwen FE, Fossa SD, Johannesen TB, Langmark F, Lamart S, Travis LB, Aleman BM. Risk of treatment-related esophageal cancer among breast cancer survivors. Annals of Oncology 2012 Dec;23(12):3081-3091. PMID: 22745217 PMCID: PMC3501231
22. Brooks JD, Bernstein L, Teraoka SN, Knight JA, Mellemkjaer L, John EM, Malone KE, Reiner AS, Lynch CF, Concannon P, Haile RW, Bernstein JL; for the WECARE Collaborative Group. Variation in genes related to obesity, weight, and weight change and risk of contralateral breast cancer in the WECARE Study population. Cancer Epidemiology, Biomarkers & Prevention 2012 Dec;21(12):2261-2267. PMID: 23033454 PMCID: PMC3518741
23. Koutros S, Beane Freeman LE, Lubin JH, Heltshe SL, Andreotti G, Barry KH, DellaValle CT, Hoppin JA, Sandler DP, Lynch CF, Blair A, Alavanja MC. Risk of total and aggressive prostate cancer and pesticide use in the Agricultural Health Study. American Journal of Epidemiology 2013 Jan 1;177(1):59-74. PMID: 23171882 PMCID: PMC3590039
24. Ward MM, Ullrich F, Matthews K, Rushton G, Goldstein MA, Bajorin DF, Hanley A, Lynch CF. Who does not receive treatment for cancer? Journal of Oncology Practice 2013 Jan;9(1):20-6. PMID: 23633967 PMCID: PMC3545658
25. Esser AK, Miller MR, Huang Q, Meier MM, Beltran-Valero de Bernabe D, Stipp CS, Campbell KP, Lynch CF, Smith BJ, Cohen MB, Henry MD. Loss of LARGE2 disrupts functional glycosylation of  $\alpha$ -dystroglycan in prostate cancer. Journal of Biological Chemistry 2013 Jan 25;288(4):2132-42. PMID: 23223448 PMCID: PMC3554886
26. Britton C, Lynch CF, Torner J, Peek-Asa C. Fire characteristics associated with firefighter injury on large federal wildland fires. Annals of Epidemiology 2013 Feb;23(2):37-42. PMID: 23212031
27. Reiner AS, John EM, Brooks JD, Lynch CF, Bernstein L, Mellemkjaer L, Malone KE, Knight JA, Capanu M, Teraoka SN, Concannon P, Liang X, Figueiredo JC, Smith SA, Stovall M, Pike MC, Haile RW, Thomas DC, Begg CB, Bernstein JL. Risk of asynchronous contralateral breast cancer in noncarriers of *BRCA1* and *BRCA2* mutations with a family history of breast cancer: a report from the Women's Environmental Cancer and Radiation Epidemiology Study.

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28. Britton C, Lynch CF, Ramirez M, Torner J, Buresh C, Peek-Asa C. Epidemiology of injuries to wildland firefighters. American Journal of Emergency Medicine 2013 Feb;31(2):339-45. PMID: 23158597
29. Barnes KT, Smith BJ, Lynch CF, Gupta A. Obesity and invasive penile cancer. European Urology 2013 Mar;63(3):588-9. PMID: 23219085
30. Matsuno RK, Sherman ME, Visvanathan K, Goodman MT, Hernandez BY, Lynch CF, Ioffe OB, Horio D, Platz C, Altekruze SF, Pfeiffer RM, Anderson WF. Agreement for tumor grade of ovarian carcinoma: analysis of archival tissues from the surveillance, epidemiology and end results residual tissue repository. Cancer Causes and Control 2013 Apr;24(4):749-57. PMID: 23378140 PMCID: PMC4000689
31. Mbulaiteye SM, Clarke CA, Morton LM, Gibson TM, Pawlish K, Weisenburger DD, Lynch CF, Goodman MT, Engels EA. Burkitt lymphoma risk in U.S. solid organ transplant recipients. American Journal of Hematology 2013 Apr;88(4):245-50. PMID: 23386365 PMCID: PMC3608801
32. Brooks JD, Teraoka SN, Malone KE, Haile RW, Bernstein L, Lynch CF, Mellekjaer L, Duggan DJ, Reiner AS, Concannon P, Schiermeyer K, Lewinger JP, The WECARE Study Collaborative Group, Bernstein JL, Figueiredo JC. Variants in tamoxifen metabolizing genes: A case-control study of contralateral breast cancer in the WECARE Study. International Journal of Molecular Epidemiology and Genetics 2013;4(1):35-48. PMID: 23565321 PMCID: PMC3612453
33. Smith AW, Parsons HM, Kent EE, Bellizzi K, Zebrack BJ, Keel G, Lynch CF, Rubenstein MB, Keegan TM, and the AYA HOPE Study Collaborative Group. Unmet support service needs and health-related quality of life among adolescent and young adults with cancer: the AYA HOPE Study. Frontiers in Pediatric Oncology 2013 Apr 8;3:75. PMID: 23580328; PMCID: PMC3619248
34. Britton C, Ramirez M, Lynch CF, Torner J, Peek-Asa C. Risk of injury by job assignment among federal wildland firefighters, United States, 2003-2007. International Journal of Occupational and Environmental Health 2013 Apr-Jun;19(2):77-84. PMID: 23684265
35. Svensson RU, Bannick NL, Marin MJ, Robertson LW, Lynch CF, Henry MD. Chronic chlorpyrifos exposure does not promote prostate cancer in prostate specific Pten mutant mice. Journal of Environmental Pathology, Toxicology and Oncology 2013;32(1):29-39. PMID: 23758150 PMCID: 3951157
36. Engels EA, Clarke CA, Pfeiffer RM, Lynch CF, Weisenburger DD, Gibson TM, Landgren O, Morton LM. Plasma cell neoplasms in U.S. solid organ transplant recipients. American Journal of Transplantation 2013 Jun;13(6):1523-32. PMID: 23635036 PMCID: PMC3676887
37. Smith AW, Bellizzi KM, Keegan TH, Zebrack B, Chen VW, Neale AV, Hamilton AS, Shnorhavorian M, Lynch CF. Health-related quality of life of adolescent and young adult cancer patients in the United States: the Adolescent and Young Adult Health Outcomes and Patient Experience Study. Journal of Clinical Oncology 2013 Jun 10;31(17):2136-45. PMID: 23650427 PMCID: PMC3731979

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41. Brooks JD, Teraoka SN, Bernstein L, Mellekjær L, Malone KE, Lynch CF, Haile RW, Concannon P, Reiner AS, Duggan DJ, Schiermeyer K; The WECARE Study Collaborative Group, Bernstein JL, Figueiredo JC. Common variants in genes coding for chemotherapy metabolizing enzymes, transporters and targets: a case-control study of contralateral breast cancer risk in the WECARE Study. Cancer Causes Control 2013 Aug;24(8):1605-1614. PMID: 23775025 PMCID: PMC3709075
42. Kleinerman RA, Smith SA, Holowaty E, Hall P, Pukkala E, Vaalavirta L, Stovall M, Weathers R, Gilbert E, Aleman BM, Kaijser M, Andersson M, Storm H, Joensuu H, Lynch CF, Dores GM, Travis LB, Morton LM, Curtis RE. Radiation dose and subsequent risk of stomach cancer in long-term survivors of cervical cancer. International Journal of Radiation Oncology Biology Physics 2013 Aug 1;86(5):922-929. PMID: 23707149 PMCID: PMC3831516
43. Samadder NJ, Vierkant RA, Tillmans LS, Wang AH, Weisenberger DJ, Laird PW, Lynch CF, Anderson KE, French AJ, Haile RW, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR, Limburg PJ. Associations between colorectal cancer molecular markers and pathways with clinicopathologic features in older women. Gastroenterology 2013 Aug;145(2):348-356. PMID: 23665275 PMCID: PMC3772766
44. Bernstein JL, Thomas DC, Shore RE, Robson M, Boice JD Jr, Stovall M, Andersson M, Bernstein L, Malone KE, Reiner AS, Lynch CF, Capanu M, Smith SA, Tellhed L, Teraoka SN, Begg CB, Olsen JH, Mellekjær L, Liang X, Diep AT, The WECARE Study Collaborative Group, Borg A, Concannon P, Haile RW; The WECARE Collaborative Group. Contralateral breast cancer after radiotherapy among BRCA1 and BRCA2 mutation carriers: a WECARE Study. European Journal of Cancer 2013 Sep;49(14):2979-85. PMID: 23706288 PMCID: PMC3755053
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46. Steinau M, Unger ER, Hernandez BY, Goodman MT, Copeland G, Hopenhayn C, Cozen W, Saber MS, Huang Y, Peters ES, Lynch CF, Wilkinson EJ, Rajeevan MS, Lyu C, Saraiya M. Human papillomavirus prevalence in invasive anal cancers in the United States before vaccine introduction. Journal of Lower Genital Tract Disease 2013 Oct;17(4):397-403. PMID: 23609590 PMCID: PMC3982183

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51. Ward MM, Ullrich F, Matthews K, Rushton G, Tracy R, Bajorin DF, Goldstein MA, Kosty MP, Bruinooge S, Hanley A, Lynch CF. Access to chemotherapy services by availability of local and visiting oncologists in Iowa. Journal of Oncology Practice 2014 Jan 1;10(1):26-31. PMID: 24443731 PMCID: PMC3889218
52. Ward MM, Ullrich F, Matthews K, Rushton G, Tracy R, Goldstein MA, Bajorin DF, Kosty MP, Bruinooge SS, Hanley A, Jacobson GM, Lynch CF. Where do patients with cancer in Iowa receive radiation therapy? Journal of Oncology Practice 2014 Jan 1;10(1):20-5. PMID: 24443730
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54. Bedford RL, Lourens SG, Lynch CF, Smith BJ, Field RW. Utility of death certificate data in predicting cancer incidence. American Journal of Industrial Medicine 2014 Feb;57(2):153-62. PMID: 24037961 PMCID: PMC3951491
55. Tillmans LS, Vierkant RA, Wang AH, Samadder NJ, Lynch CF, Anderson KE, French AJ, Haile RW, Harnack LJ, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR, Limburg PJ. Associations between cigarette smoking, hormone therapy and folate intake with incident colorectal cancer by TP53 protein expression level in a population-based cohort of older women. Cancer Epidemiology, Biomarkers & Prevention 2014 Feb;23(2):350-5. PMID: 24343843 PMCID: PMC3936962
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