

**CURRICULUM VITAE**  
**David R. Lairson**

**Contact Information**

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**Education**

University of Kentucky  
05/1970    B.A., Business Administration  
12/1971    M.A., Economics  
08/1975    Ph.D., Economics

Fellowships  
& Awards:

Regents Outstanding Teacher Award, University of Texas, 2016  
Faculty Mentoring Award, University of Texas School of Public Health 2014  
Faculty Teaching Award, University of Texas School of Public Health 2013  
Nominated for the University of Texas System Kenneth I. Shine, M.D., Academy of Health Science Education, 2016  
Nominated for the Charles C. Shepard Award, Prevention and Control, U.S. Centers for Disease Control & Prevention, 2014.  
Visiting Fellow, Australian Health Services Innovation Institute, Queensland University of Technology, 2013  
Kaiser Foundation Health Plan Fellowship  
University of Kentucky Dissertation Fellowship

**Affiliations**

International Health Economics Association  
Academy Health

**Current Position**

Professor of Management & Policy Sciences (1991-present)  
Co-Director Center for Health Services Research  
Faculty Associate, Center for Health Promotion  
Research & Development  
The University of Texas Houston Health Science Center  
School of Public Health  
Adjunct Professor, Department of Economics, Rice University

## Previous Experience

Co-director, Center for Health Services Research (2003 – present)  
Convener, Health Services Organization Module (2001 – 2004)  
Convener, Management and Policy Sciences Discipline (1998 – 1999)  
Convener, Health Services Organization Module (1992 – 1995)  
Chair, Academic Affairs Committee (1994–95)  
Convener, Health Services Organization Module 1980–82  
Convener, Behavioral Sciences Discipline 1984–86  
The University of Texas Houston Health Science Center,  
School of Public Health

Visiting Professor of Health Economics  
Queensland University of Technology  
School of Public Health  
Brisbane, Australia  
Duration: July 1992 – January 1993 and January 1996 – December 1996

Assistant / Associate Professor of Economics  
The University of Texas  
Health Science Center at Houston,  
School of Public Health  
Duration: September 1974 – August 1991

Adjunct Faculty Member  
Rice University Economics Department  
Duration: May 1977 – present

Research Associate  
Kaiser Health Services Research Center  
Portland, Oregon  
Duration: April 1973 – July 1974

Instructor in Economics  
Portland State University  
Duration: Spring 1974

Graduate Assistant in Economics  
University of Kentucky  
Duration: September 1970 – April 1973

## National Committees

Advisory Board, National Centre for Infections in Cancer, Australia (2017--)  
Centers for Disease Control Committee on Cost Estimation for Community Health Programs (Appointment 2011- 2013)  
Veterans Administration Health Services Research and Development Service Scientific Review and Evaluation Board (Appointment 2002 – 2006)

## Consultancies

Advisor-Researching Effective Approaches to Cleaning in Hospitals (REACH) Project *An NHMRC Partnership Grant led by Queensland University of Technology (QUT) & The Wesley-St. Andrew's Research Institute (WSARI)*  
UT-Physicians DSRIP program, consultant and mentor, 2015.  
Australian Health Services Innovation Institute, Visiting Fellow, 2013  
Institute of Medicine, Economics of Epilepsy, 2011  
Health Research Board, Ireland Reviewer, 2010  
Reviewer--Health Research Board of Ireland; Study of Type I Diabetes  
Reviewer--Cleveland Clinic; Cost-effectiveness study on Colon Cancer and Genetic Disorders  
Mentor--Trainee mentor of the National Cancer Institute Fellowship Indiana University/Purdue University at Indianapolis, Cancer Prevention Research, 2009.  
Thomas Jefferson University, Cancer Prevention Research, 2006--  
Texas State Comptroller's Office, Cancer Prevention Research, 2008.  
Baylor College of Medicine, Intervention to improve hypertension control in African Americans, 2005 (NHLBI study).  
Veterans Administration, Veterans Evidence-based Research Dissemination Implementation Center, Audie Murphy Medical Center, San Antonio, TX 2004.  
Thomas Jefferson University, Department of Medicine, Division of Genetics and Preventive Medicine, Philadelphia, PA., 2004--Present.  
U.S. Agency for Healthcare Research and Quality 2000-2001.  
MD Anderson Cancer Center 1998.  
State of South Carolina Commission on Higher Education 1999.  
American College of Cardiology 1999.  
U.S. Agency for Health Care Policy and Research 1999.  
Research Triangle Institute, North Carolina 1999.  
Queensland Health 1992 and 1996.  
The Prince Charles Hospital, Brisbane Australia 1996.  
Parkland Memorial Hospital 1992--1995.  
Bexar County Hospital District 1994--1998.  
M.D. Anderson Cancer Center 1993--94 and 1997--98.  
U.T. Nursing School - Valley Project on Diabetes 1993.  
Ministry of Public Health, Bulgaria 1990--92.  
Swiss Institute of Public Hospitals, 1990.

Veterans Administration: Houston Center for Quality of Care and Utilization Studies, a VA Health Services Research and Development Center, 1991–92. Congress of the United States, Office of Technology Assessment, 1988.

Universities (faculty assessment)

University of South Florida, School of Public health

University of Indiana, School of Public and Environmental Affairs

University of Houston at Clear Lake, School of Business and Public Administration

Case Western Reserve University

### **University Service**

Member, UTSPH Dean's Search Committee, 2014-15

Co-Chair, UTSPH Tenure and Promotion Committee, 2012--2014

Member, MPACH Division Representative on the UTSPH CEPH Planning Committee for national accreditation process, 2010–present

Member, UTSPH Financial Aide Committee, 2009–present

Member, UTHSC-Houston Development Leave Committee, 2008--present

Co-director, Center for Health Services Research, 2003–present

Member, Research Council, 2004–2010

Member, Search Committee for Director of Health Services Research Center, 2009–present

Chair, Search Committee for Outcomes Researcher, Division of Management, Policy, and Community Health, 2004–2005

Convener, Health Services Organization Module, 1980–82, 1992–95, 2001–2004

Convener, Behavioral Sciences Discipline, 1984–86

Convener, Management and Policy Sciences Discipline, 1998–1999

Member, Admissions Committee, U.T.S.P.H. 2000–2001

Member, Executive Committee, U.T.S.P.H., 1980–82 and 1984–86

Chairman, Executive Committee, U.T.S.P.H., 1984-86

Member, Committee for Programs of Instruction, U.T.S.P.H. 1986–87

Chairman, Accreditation Subcommittee, U.T.S.P.H., 1987

Member, Several Faculty Review Committees, U.T.S.P.H. 1984–87

Member, Faculty Affairs Committee, 1988–1990, 1998–1999

Chairman, Research Committee, UT Employee Assistance Program, 1988–1989

Special Assistant, to the Dean for Development of Health Services Research, 1987–88

Chairman, HSO Committee to Develop a Strategic Plan for Health Services Research Development, 1989

Member, Interfaculty Council, UTHSCH, 1989–1991

Member, Advisory Council, Health Policy Institute, UTHSCH, 1991–95

Member, Advisory Council, UTSPH, 1991-95  
Member, Academic Affairs Committee, UTSPH, 1991–95, 2001–present  
Chair, Academic Affairs Committee, UTSPH, 1993–95  
Member, Policy Committee, UTSPH, 1993–95  
Member, Family Practice Chair Search Committee, UT Medical School, 1995  
Member, Primary Care Fellowship Committee, UT Medical School, 1994–95  
Member, Medicine and Public Health Task Force, UTHSCH, 1997–present  
Member, Southern Association of Colleges and Schools (SACS) Accreditation Committee, UTHSCH, 1998–present

### **Service To Professional Journals**

Member, Editorial Board for The Journal of Preventive Medicine and Public Health (JPMPH), 2009- present  
Advisory Committee for The Journal of Preventive Medicine and Public Health (JPMPH), 2008  
Honorary Editorial Board of Risk Management and Healthcare Policy, 2008

### **Courses Taught**

Undergraduate:

Microeconomic Principles  
Macroeconomic Principles

Graduate:

Health Economics  
Advanced Health Economics  
Methods for Economic Evaluation of Health Programs  
Health Services Delivery and Performance  
Doctoral Research Seminar

### **Research Activity**

Bibliography:

**Peng H, Tam S, Xu L, Dahlstrom K, Wu C, Fu S, Zhong C, Chan W, Sturgis E, Ramondetta L, Rong L, Lairson D, and Miao H. Age-Structured Population Modeling of HPV-related Cervical Cancer in Texas and US. Scientific Reports (in-press Aug. 2018).**

**Dahlstrom K, Fu S, Lairson DR, Chan W, Ramondetta L. “Estimating the Medical Care Cost of Genital Warts: Commercially Insured in the United States”. PharmacoEconomics <https://doi.org/10.1007/s40273-018-0691-9> (pub on-line July 2018)**

**Champion V, Christy S, Rakowski W, Wambui G, Will L, Carter-Harris L, Cohee A, Marley A, Jessup N, Biederman E, Kettler K, Stump T, Monahan P, Lairson D, Rawl S. A Randomized Trial to Compare a Tailored Web-Based Intervention and Tailored Phone Counseling to Usual Care for Increasing Colorectal Cancer Screening. *Cancer Epidemiology Biomarkers and Prevention*. Published OnlineFirst September 4, 2018. DOI: 10.1158/1055-9965.EPI-18-0180.**

**Tam S, Fu S, Xu L, Krause K, Lairson D, Miao H, Sturgis E, Dahlstrom K. The epidemiology of oral human papillomavirus infection in healthy populations: A systematic review and meta-analysis. *Oral Oncol*. 2018 Jul;82:91-99. doi: 10.1016/j.oraloncology.2018.04.005. Epub 2018 May 21.**

**Nguyen C, Lairson D, Swartz M, Du X. Cost-effectiveness of adding androgen deprivation therapy to radiation therapy for men with advanced prostate cancer from the US payer's perspective. *Journal of Managed Care and Specialty Pharmacy* (in press July 2018).**

**Nguyen C, Bressler J, Lairson D, Swartz M, Du X. Major long-term side effects associated with androgen deprivation therapy in men with prostate cancer. *Pharmacotherapy* (in press July 2018).**

**Nguyen C, Lairson D, Swartz M, Du X. Racial, socioeconomic and geographic disparities in the receipt, timing to initiation and duration of adjuvant androgen deprivation therapy in men with prostate cancer. *Journal of Racial and Ethnic Health Disparities* (in press June 2018).**

**Wu C, Lairson DR, Peng, H, Xu, L, Messick C. "Estimating the Medical Care Cost of Anal Cancer: Commercially Insured in the United States" *Journal of Managed Care and Specialty Pharmacy* (in Press; April 2018).**

**Fu S, Lairson DR, Chan W, Wu C, Ramondetta L. "Mean Medical Costs Associated with Vaginal and Vulvar Cancers for Commercially Insured Patients in the United States and Texas." *Gynecologic Oncology* 148 (2018) 342-348. PMID: 29274828.**

**Chen Y, Lairson DR, Chan W, Du XL. Risk of adverse events associated with front-line anti-myeloma treatment in Medicare patients with multiple myeloma. *Ann Hematol*. 2018 May;97(5):851-863. doi: 10.1007/s00277-018-3238-4. Epub 2018 Jan 15. PMID: 29333596.**

**Deshmukh, Ashish A., Hui Zhao, Luisa Franzini, David R. Lairson, Elizabeth Y. Chiao, Prajnan Das, Michael D. Swartz, Sharon H. Giordano, and Scott B. Cantor. "Total Lifetime and Cancer-related Costs for Elderly Patients**

Diagnosed With Anal Cancer in the United States." *Am J Clin Oncol*. 2018 Feb;41(2):121-127. doi: 10.1097/COC.000000000000238. PMID: 26523440

Fu S, Wang M, Lairson DR, Li R, Zhao B, Du XL. Trends and variations in mantle cell lymphoma incidence from 1995 to 2013: A comparative study between Texas and National SEER areas. *Oncotarget*. 2017 Nov 3;8(68):112516-112529. doi: 10.18632/oncotarget.22367. PMID: 29348844

Lairson DR, Wu C, Chan W, Dahlstrom K, Tam S, Sturgis EM. Medical care cost of oropharyngeal cancer among Texas patients. *Cancer Epidemiology Biomarkers and Prevention*. 26 (9) 2017; 1443-1449. DOI: 10.1158/1055-9965.EPI-17-0220. PMID: 28838945.

Lairson DR, Fu S, Chan W, Li X, Shelal Z, Ramondetta L. "Mean Direct Medical Care Costs Associated with Cervical Cancer for Commercially Insured Patients in Texas" *Gynecologic Oncology* 145 1 (2017) 108-113 DOI: [10.1016/j.ygyno.2017.02.011](https://doi.org/10.1016/j.ygyno.2017.02.011). PMID: 28196673.

Lairson DR, Kim J, Byrd T, Salaiz R., Shokar NK. "Cost-effectiveness of community interventions for colorectal cancer screening: Low income Hispanic population". *Health Promot Pract*. 2017 Dec 1:1524839917750815. doi: 10.1177/1524839917750815. [Epub ahead of print] PMID: 29290126.

Yamal J-M, Rajan SS, Parker SA, Jacob A, Gonzalez MO, Gonzales NR, Bowry R, Barreto A, Wu T-C, Lairson D, Persse D, Tilley BC, Chiu D, Suarez JI, Jones WJ, Alexandrov A, Grotta JC. Benefits of stroke treatment delivered using a mobile stroke unit trial. *Int J Stroke*. 2018 Apr;13(3):321-327. doi: 10.1177/1747493017711950. Epub 2017 Jun 14. PMID: 28612680.

Fu, Shuangshuang , Michael Wang, David R. Lairson, Ruosha Li, Bo Zhao, Xianglin L. Du. Trends and variations in mantle cell lymphoma incidence from 1995 to 2013: A comparative study between Texas and National SEER data. *Oncotarget* 2017; 8:112516-112529. <https://doi.org/10.18632/oncotarget.22367>).

Chen Y, Lairson DR, Chan WY, Huo JH, Du XL. Cost-Effectiveness of Novel Agents in Medicare Patients with Multiple Myeloma: Findings from the US Payer's Perspective. *J Manag Care Spec Pharm*. 2017. Aug;23(8):831-843. doi: 10.18553/jmcp.2017.23.8.831. PMID: 28737990.

Chen Y, Lairson DR, Chan W, Du XL. Improved survival in Medicare patients with multiple myeloma: findings from a large nationwide and population-based cohort. *Med Oncol*. 2017 Sep;34(9):153. doi: 10.1007/s12032-017-1001-7. Epub 2017 Aug 3. PMID: 28776319.

Karanth, Siddharth S. David R. Lairson, Danmeng Huang, Lara S. Savas,

Sally W. Vernon, María E. Fernández. The cost of implementing two small media interventions to promote HPV vaccination. *Preventive Medicine* 99 (2017) 277-281. <http://dx.doi.org/10.1016/j.ypmed.2017.03.002>. PMID: [28322881](https://pubmed.ncbi.nlm.nih.gov/28322881/).

Karanth, Siddharth S., David R. Lairson, Lara S. Savas, Sally W. Vernon, María E. Fernández. The cost of developing a computerized tailored interactive multimedia intervention vs. a print based Photonovella intervention for HPV vaccine education. *Evaluation and Program Planning* 63 (2017) 1-6. <http://dx.doi.org/10.1016/j.evalprogplan.2017.02.009>. PMID: [28279866](https://pubmed.ncbi.nlm.nih.gov/28279866/)

Jolyn S Taylor, Suja S Rajan, Ning Zhang, Larissa A Meyer, Lois M Ramondetta, Diane C Bodurka, David R Lairson, and Sharon H Giordano. "End of life racial and ethnic disparities among ovarian cancer patients" in *Journal of Clinical Oncology* 35, no. 16 (June 2017) 1829-1835. DOI: 10.1200/JCO.2016.70.2894/ PMID: 28388292

Parikh, Rohan C., Xianglin L. Du, Robert O. Morgan, and David R. Lairson. "Cost Effectiveness of Treatment Sequences of chemotherapies and targeted biologics for Elderly Metastatic Colorectal Cancer Patients" *Journal of Managed Care & Specialty Pharmacy*, 2017 Jan;23(1):64-73. DOI: <http://dx.doi.org/10.18553/jmcp.2017.23.1.64>. PMID: [28025930](https://pubmed.ncbi.nlm.nih.gov/28025930/).

Taylor, Jolyn S. Claire A. Marten, Mark F. Munsell, Charlotte C. Sun, Kimberly A. Potts, Jennifer K. Burzawa, Alpa M. Nick, Larissa A. Meyer, Keith Myers, Diane C. Bodurka, Thomas A. Aloia, Charles F. Levenback, David R. Lairson, and Kathleen M. Schmeler, "The DISINFECT Initiative: Decreasing the Incidence of Surgical INFECTIONS in Gynecologic Oncology: *Annals of Surgical Oncology* (2017) 24: 362-368. PMID: 27573526.

Deshmukh, Ashish, Hui Zhao, Prajnan Das, Elizabeth Y. Chiao, Yi-Qian Nancy You, Luisa Franzini, David R. Lairson, Michael D. Swartz, Sharon H. Giordano, and Scott B. Cantor. "Clinical and Economic Evaluation of Treatment Strategies for T1N0 Anal Canal Cancer" *American Journal Clinical Oncology* (2016) October 17 DOI: 10.1097/COC.0000000000000339. PMID: 27755059.

Kim, Bumyang, David R Lairson, Tonghan Chung, Jung-hyun Kim, Navkiran Shokar. Budget impact analysis of the Against Colorectal Cancer In Our Neighborhoods (ACCION), a successful community-based colorectal cancer screening program for a medically underserved minority population. *Value in Health* 20 (2017) 809-818. <http://dx.doi.org/10.1016/j.jval.2016.11.025>. PMID: 28577699.



**Rajan SS, Suryavanshi MS, Karanth S, Lairson DR. The Immediate Impact of the 2009 USPSTF Screening Guideline Change on Physician Recommendation of a Screening Mammogram: Findings from a National Ambulatory and Medical Care Survey-Based Study. *Popul Health Manag.* 2017, Vol. 20, No. 2, pp. 155-164. DOI: 10.1089/pop.2015.0180. PMID: 27564582.**

**Huo J, Lairson DR, Du XL, Chan W, Jiang J, Buchholz TA, Guadagnolo BA. Hospital Case Volume is Associated With Improved Survival for Patients With Metastatic Melanoma. *American Journal of Clinical Oncology.* 2016;39(5):491-496.**

**Panchal J, Lairson D, Chan W, Du XL. Geographic Variation in Oxaliplatin-Chemotherapy and Survival in Colon Cancer Patients. *American Journal of Therapeutics.* 2016;23(3):e720-9.**

**Poonawalla, Insiya B., Linda B. Piller, David R. Lairson, Wenyaw Chan, and Xianglin L. Du. " Use of Hematopoietic Growth Factors and Risk of Thromboembolic and Pulmonary Toxicities in Elderly Patients with Advanced Ovarian Cancer" *Women's Health Issues* 2016;26(): 574-583. 27365286.**

**Prescott L, Taylor J, Lopez-Olivo MA, Munsell MF, VonVille HM, Lairson DR, Bodurka DC. "How Low Should We Go: A Systematic Review and Meta-Analysis of the Impact of Restrictive Red Blood Cell Transfusion Strategies" *Oncology Cancer Treatment Reviews.* 2016; 46: 1-8. PMID: 27046422.**

**Lairson, D.R., Misra, S., Huang, D., Chan, W., Vernon, S.W., Fernandez, M.E. Cost Effectiveness of Lay Health Worker Delivered Interventions to promote Colorectal Cancer Screening: A Randomized Trial. *J. Healthcare Communications,* 2016, Vol. 1, No. 1: 7.**

**Kim, J., Lairson, D.R., Byrd, T., Salaiz, R., Shokar, N.K. Implementation Cost of A Community-Based Colorectal Cancer Screening Enhancement Program: Against Colorectal Cancer in our Neighborhoods (ACCION). *J J of Commun Med.* 2015, 1(2): 8.**

**Parikh, Rohan C., Xianglin L. Du, Robert O. Morgan, and David R. Lairson. "Patterns of Treatment Sequences in Chemotherapy and Targeted Biologics for Metastatic Colorectal Cancer: Findings from a Large Community-Based Cohort of Elderly Patients." *Drugs-Real World Outcomes* (2016): 1-14. PMID: 27747803.**

Lairson, D.R., Parikh, R.C., Cormier, J.N., Chan, W., Du, X.L. Cost-Utility Analysis of Chemotherapy and Targeted Therapy for Advanced Non-Small Cell Lung Cancer in a Large Retrospective Cohort of Elderly Patients. *The American Journal of Pharmacy Benefits* (2015); 7 (6):271-279.

Calo, William A., Sally W. Vernon, David R. Lairson, and Stephen H. Linder. "Area-level Socioeconomic Inequalities in the Use of Mammography Screening: A Multilevel Analysis of the Health of Houston Survey." *Women's Health Issues*. (2016) 26 (2) 201-207. PMID: 26809487.

Poonawalla, Insiya B., Linda B. Piller, David R. Lairson, Wenyaw Chan, and Xianglin L. Du. "Impact of Hematopoietic Growth Factors on Blood Transfusion Needs, Incidence of Neutropenia, and Overall Survival Among Elderly Advanced Ovarian Cancer Patients Treated With Chemotherapy." *International Journal of Gynecological Cancer* 26, no. 1 (2016): 95-103.

Lairson DR, Parikh RC, Cormier JN, Chan W, Du XL. Cost-Effectiveness of Chemotherapy for Breast Cancer and Age Effect in Older Women. *Value in Health*. 2015;18(8):1070-78.). PMID: 26686793.

Poonawalla, Insiya B., Rohan C. Parikh, Xianglin L. Du, Helena M. VonVille, and David R. Lairson. "Cost Effectiveness of Chemotherapeutic Agents and Targeted Biologics in Ovarian Cancer: A Systematic Review." *PharmacoEconomics* 33, no. 11 (2015): 1155-1185. DOI 10.1007/s40273-015-0304-9.

Jung, Hye-Min, Jin-Seok Lee, David R. Lairson, and Yoon Kim. "The Effect of National Cancer Screening on Disparity Reduction in Cancer Stage at Diagnosis by Income Level." *PloS one* 10, no. 8 (2015): e0136036. DOI:10.1371/journal.pone.0136036 August 18, 2015.

Poonawalla, Insiya B., Lairson, David R., Chan, Wenyaw, Piller, Linda B., Du, Xianglin L. Cost-Effectiveness of Neoadjuvant Chemotherapy versus Primary Surgery in Elderly Patients with Advanced Ovarian Cancer. *Value in Health*, Volume 18, Issue 4, June 2015, 387-395.

Calo, W. A., Vernon, S. W., Lairson, D. R., & Linder, S. H. (2015). Associations between contextual factors and colorectal cancer screening in a racially and ethnically diverse population in Texas. *Cancer epidemiology*, 39(6), 798-804.

Shokar, N. K., Byrd, T., Lairson, D. R., Salaiz, R., Kim, J., Calderon-Mora, J., ... & Ortiz, M. (2015). Against Colorectal Cancer in Our Neighborhoods, a Community-Based Colorectal Cancer Screening Program Targeting Low-Income Hispanics Program Development and Costs. *Health promotion*

practice, 16(5), 656-666. DOI: 10.1177/1524839915587265

Du, X. L., Zhang, Y., Parikh, R. C., Lairson, D. R., & Cai, Y. (2015). Comparative Effectiveness of Chemotherapy Regimens in Prolonging Survival for Two Large Population-Based Cohorts of Elderly Adults with Breast and Colon Cancer in 1992–2009. *Journal of the American Geriatrics Society*, 63(8), 1570-1582.

Du, X. L., Parikh, R. C., Lairson, D. R. (2015). Racial and geographic disparities in the patterns of care and costs at the end of life for patients with lung cancer in 2007–2010 after the 2006 introduction of bevacizumab. *Lung Cancer*, 90, 442-450.

Lairson D.R., Chung, T.H., Smith, L.G., Springston, J.K, Champion, V.L. Estimating Development Cost of an Interactive Website Based Cancer Screening. *Evaluation and Program Planning*, 50, 56-62. DOI: 10.1016/j.evalprogplan.2015.01.009.

Huo, Jinhai, Du, Xianglin L., Lairson, David R., Chan, Wenyaw, Jiang, Jing, Buchholz, Thomas A. and Guadagnolo, B. Ashleigh. "Utilization of surgery, chemotherapy, radiation therapy, and hospice at the end of life for patients diagnosed with metastatic melanoma." *American journal of clinical oncology* 38, no. 3 (2015): 235-241.

Fernández ME, Savas LS, Carmack CC, Chan W, Lairson DR, Byrd TL, Wilson KM, Arvey SR, Krasny S, Vernon SW. A randomized controlled trial of two interventions to increase colorectal cancer screening among Hispanics on the Texas Mexico border. *Cancer Causes and Control*. *Cancer Causes Control* 2015; 26: 1-10. DOI 10.1007/s10552-014-0472-5

Lairson, David R., Rohan C. Parikh, Janice N. Cormier, and Xianglin L. Du. "Cost-utility analysis of platinum-based chemotherapy versus taxane and other regimens for ovarian cancer." *Value in Health* 17, no. 1 (2014): 34-42., <http://dx.doi.org/10.1016/j.jval.2013.11.007>

Lairson D.R., Parikh, R., Chan, W., Cormier, J.N., Du, X.L. "Cost-utility analysis of chemotherapy regimens in elderly patients with stage III colon cancer". *Pharmacoeconomics*, 2014; 32 (10) 1005-1013 DOI: 10.1007/s40273-014-0180-8.

Lairson, D.R., DiCarlo, M., Deshmukh, et al. "Cost-effectiveness of Standard vs. a Navigated Intervention on Colorectal Cancer Screening Use in Primary Care". *Cancer* 2014; 120(7), 1042-1049. doi:10.1002/cncr.28535

**Lairson, D.R., Chang, Yu-Chia, Byrd, T. L., Smith, J.L., Fernandez, M.E., Wilson, K.M. "Cervical Cancer Screening With AMIGAS: A Cost-Effectiveness Analysis." American Journal of Preventive Medicine. 2014: Vol 46, No. 6, 617-623.**

Delgado RI, Swint JM, Lairson DR, Johnson NP, Gould KL, Sdringola S. Cost Analysis of PET and Comprehensive Lifestyle Modification for the Reversal of Atherosclerosis, *The Journal of Nuclear Medicine*, 2014;55.1, 80.

**Huo JH, Lairson DR, Du XL, Chan WY, Buchholz TA, Guadagnolo BA. Survival and cost-effectiveness of hospice care for metastatic melanoma patients. Am J Manag Care. The American Journal of Managed Care. 2014; 20(5):366-373.**

Begley, C.E.; **Lairson, D.R.**; Morgan, R.O.; Rowan, P. J. "Evaluating the Health Care System: Effectiveness, Efficiency, and Equity." 4<sup>th</sup> ed. Ann Arbor, MI: Health Administration Press, 2013.

**Lairson, D.R., Huo, J., Ball-Hicks, K. Savas, L., Fernandez, M.E. The Cost of Implementing a 2-1-1 Call Center-Based Cancer Control Navigator Program. Evaluation and Program Planning, 2013: (39)51-56. PMID: 23669647.**

**Panchal, J.M., Lairson, D.R., Chan, W., Du, X.L. (2013). Geographic Variation and Socio-Demographic Disparity in the Use of Oxaliplatin-Containing Chemotherapy in patients with Stage III Colon Cancer. Clin. Colorectal Cancer, 12(2)113-121; pii: S1533-0028(12)00133-8. Doi: 10.1016/j.clcc.2012.0.007. PMID: 23137549**

**Du, X.L., Parikh, R.C., Lairson, D.R., Giordano, S.H., Cen, P. (2013). Comparative effectiveness of platinum-based chemotherapy versus taxane and other regimens for ovarian cancer. Medical Oncology 30:440, DOI 10.1007/s12032-012-0440-4.**

Byrd, T.L., Wilson, K.M., Smith, J.L., Coronado, G., Vernon, S.W., Fernandez-Esquer, M.E., Thompson, B., Ortiz, M., **Lairson, D.R.**, Fernandez, M.E. (2013). AMIGAS: A multi-city, multi-component cervical cancer prevention trial among Mexican American women. *Cancer*. 119(7):1365-72. Doi: 10.1002/cncr.27926. PMID: 23280399.

**Begley, Charles, Phuc Le, David Lairson, Jeanne Hanks, and Anthony Omojasola. "Health reform and primary care capacity: evidence from houston/harris county, texas." Journal of health care for the poor and underserved 23, no. 1 (2012): 386-397.**

Langabeer II, James R., Rigoberto Delgado, David Lairson, Nils P. Johnson, K. Lance Gould, and Stefano M. Sdringola. "Economic Methods in the Century Trial—a Comprehensive Lifestyle Modification Study for Managing Coronary Artery Disease." *Journal of cardiovascular translational research* 5, no. 3 (2012): 333-336. DOI 10.1007/s12265-012-9355-x.

**Benarroch-Gampel, J., Lairson, D., Boyd, C., Sheffield, K., Ho, V., Riall, T. Cost-effectiveness analysis of cholecystectomy during Roux-en-Y gastric bypass for morbid obesity. *Surgery*. 2012 September ; 152(3): 363–375. doi:10.1016/j.surg.2012.06.013.**

**Basu, R, Krueger, Patrick M., Lairson, DR., Franzini, L, (2011). Lifetime medical expenditures among hypertensive men and women in the U.S. *Women's Health Issues*, 21 (3), 246-253**

**Sail, Kavita, Luisa Franzini, David Lairson, and Xianglin Du. "Differences in treatment and survival among African-American and Caucasian women with early stage operable breast cancer." *Ethnicity & Health* 17, no. 3 (2012): 309-323.**

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### **Selected Invited Presentations (Research Conferences, etc.)**

**Lairson, David R.**; Cost-utility Analysis of Chemotherapy and Targeted Therapy for Advanced Non-Small Cell Lung Cancer in a Large Retrospective Cohort of Elderly Patients. International Health Economics Association Meeting, Milan, Italy July 12-15, 2015.

**Lairson, David R.**; Cost-utility Analysis of Chemotherapy Regimens in Elderly Patients with Stage –III Colon Cancer. International Health Economics Association Meeting, Dublin Ireland July 12-16, 2014.

**Lairson, David R.**; Cost-effectiveness Analysis and Translational Research; A Colorectal Cancer Screening Example. Translational Research Institute, Princess Alexandra Hospital, Brisbane Australia July 2, 2013.

**Lairson, David R.**; Cost-effectiveness of Standard vs. a Navigated Intervention on Colorectal Cancer Screening Use in Primary Care. International Health Economics Association Meeting, Sydney Australia July 8, 2013.

**Lairson, David R.**; Economic Evaluation of Health Services Innovations. Institute of Health and Biomedical Innovations, Queensland University of Technology, Brisbane, Australia July 12, 2013.

**Lairson, David R.**; Cost Effectiveness Research: Clinical Implications for Cancer Care. Research Excellence in Cancer Care. The Inaugural Research Symposium to Support the Diamond Standard of Cancer Care. Royal Brisbane Womens' Hospital, Brisbane Australia July 19, 2013.

Karanth, Siddarth; **Lairson, David R.**; Fernandez, Maria E.; Savas, Lara S.; Development Cost of Print and Tailored Interactive Multimedia Interventions to

Promote HPV Vaccination. 13<sup>th</sup> Annual Health Services & Outcomes Research Conference, Houston, TX December 13, 2012.

Karant, Siddarth; **Lairson, David R.**; Fernandez, Maria E.; Savas, Lara S.; Development Cost of Print and Tailored Interactive Multimedia Interventions to Promote HPV Vaccination. 28<sup>th</sup> International Papillomavirus Conference & Clinical and Public Health Workshops, San Juan, Puerto Rico, December 2-6, 2012.

Delgado, R.I.; Swint, M.J.; **Lairson, D.R.**; Johnson, N.P.; Gould L.K.; Sdringola, S.M.; Cost Analysis of Positron Emission Technology and Comprehensive Lifestyle Modification for the Reversal of Atherosclerosis. American Society of Nuclear Cardiology 17<sup>th</sup> Annual Scientific Session, Baltimore, MD, September 6-9, 2012.

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**David R. Lairson, PhD.**; Direct costs of epilepsy diagnosis and treatment, Committee on the Public Health Dimensions of the Epilepsies. Institute of Medicine, National Academy of Sciences. Workshop on Public Health Surveillance, Population Health Research, and Data Collection for the Epilepsies, Beverly Hills, CA. March 21, 2011.

**David R. Lairson, Ph.D.**; Swati Misra, MPH.; Janet Williams, MPH.; Maria E. Fernandez, Ph.D.; Promoting Colorectal Cancer Screening in the Rio Grande Valley: A Cost-effectiveness Analysis, 10<sup>th</sup> Annual Health Services and Outcomes Research Conference, Houston, TX, December 2, 2009.

**Lairson, D.**; Chan, W.; Chang, Y.; Vernon, S.; Misra, S. Cost-Effectiveness of Tailored Interventions to Promote Screening for Colorectal Cancer. iHEA Conference. Beijing, July 10, 2009.

Basu, R.; Franzini, L.; **Lairson, D.** Disparity in medical expenditure and utilization among hypertensive men and women in the U.S. 2<sup>nd</sup> Biennial ASHE Conference, Duke University, Durham, NC, June 22-25, 2008.

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**David R. Lairson**, Wenyaw Chan, Georgina Newmark, "The Demand for Regular Mammography Screening Among Women Veterans in the United States," for the 4th World Congress of the International Health Economics Association (June 15-18, 2003, in San Francisco).

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**David R. Lairson**, Wenyaw Chan, Georgina Newmark, The Demand for Regular Mammography Screening Among Women Veterans in the United States, 3rd Annual Health Services and Outcomes Research Conference, Houston, TX. November, 2002.

**David R. Lairson**, Acyclovir for the Prevention of Recurrent Herpes Simplex Virus Eye Disease: A Cost Effectiveness Analysis, Academy for Health Services Research and Health Policy 2002 Annual Meeting, June 23-25 Washington, DC.

**David R. Lairson**, Cost-effectiveness of Preventing Recurrent Herpetic Keratitis. Baylor College of Medicine, Cornea Conference, Houston, TX. June 3, 2002.

Etta Fanning, B. Selwyn, C. Hanis, C. McGhee, and **D. Lairson**, Nurse Case Management with Treatment Algorithms Intervention to Achieve Glycemic Control in Mexican American Patients with Type 2 Diabetes in a Community Setting. American Diabetes Association Annual Meeting, 2002.

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Mona L. McPherson, **David R. Lairson**, E. O'Brian Smith, Baruch A. Brody, Larry S. Jefferson," Primary care and specialist follow-up following a pediatric intensive care unit stay: Predictors of non-compliance. Pediatric Section of the 2002 Critical Care Congress

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Sun C. C., Bodurka-Bervers D., Cantor S. B., Gershenson D.M., **Lairson D.**, Preferences Using Standard Gamble and Time Trade-off: Societal versus Patient Perspectives. Association for Health Services Research Annual Meeting, Los Angeles, CA. June, 2000.

Wu, Hsiao-hui, Man C. Fung, Wen-yaw Chan, and **David R. Lairson**. "Cost-effectiveness analysis of reminder intervention for the enhancement of mammography compliance in the US population". accepted by APHA for the 128th Annual Meeting in Boston (November 12-16, 2000).

**Lairson, David R.**, "Economic Evaluation and Evidence Based Medicine: The Case of Liver Transplantation," American College of Medical Quality Annual Meeting, Dallas Texas, September 16, 2000.

**David R. Lairson**, Lillian F. Liao, William A. Rakowski, Jasmine A. Tiro, and Sally W. Vernon, Development process and cost of an expert system to enhance patient compliance with mammography screening guidelines. Accepted by APHA for the 128th Annual Meeting in Boston (November 12-16, 2000).

**David R. Lairson**, Lillian F. Liao, William A. Rakowski, Jasmine A. Tiro, and Sally W. Vernon, Development process and cost of an expert system to enhance patient compliance with mammography screening guidelines. Accepted by the International Behavioral Medicine Society, Nov. 2000, Brisbane, Australia.

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Charles Begley, John Annegers, **David Lairson**, Thomas Reynolds, Sharon Coan, "Seizure Frequency, Seizure Type, and Epilepsy Cost" Baylor College of Medicine Epilepsy Meeting, May 2000.

Sun CC, Bodurka-Bevers D, Borden CL, Cantor SB, Rieger PT, Mills GB, Gershenson, DM, **Lairson DR**. "Do Preferences Vary By Method of Preference Assessment or Patient Group?" Poster presentation at the 22nd Annual Meeting of the Society for Medical Decision Making, Cincinnati, Ohio, Abstract #52, September 24-27, 2000.

Sun C. C., Bodurka-Bevers D, Borden C. L., Rieger P. T., Martin C.G., Gordon P., Mills G.B., Cantor S. B., Gershenson D. M., **Lairson, D. R.**, Patient Preferences for Outcomes in Women at High-Risk for Breast/ovarian Cancer, Accepted for the Houston Health Services and Outcomes Research Meeting, Nov. 2000.

Wu, H., Fung M., Chan, W., **Lairson D**. "Comparison of the Effectiveness of Innovative Programs to Enhance Mammography Compliance: A Meta Analysis", International Society for Pharmacoeconomics and Outcomes Research (ISPOR) May 23-26, 1999, Washington, D.C.

Ana P. Johnson-Masotti, **David Lairson**, Peter Layde, Steven Pinkerton "Measuring Uncertainty in Cost-Effectiveness Analyses: A Comparison of Two Parametric Methods." International Health Economics Association 2nd World Congress, Rotterdam, the Netherlands, June 6-9, 1999.

Begley, C.E., F. Annegers, **D.R. Lairson**, and T. Reynolds, et. al. "Epilepsy Foundation Cost of Epilepsy Study". American Epilepsy Society Annual Meeting, San Diego, California, December 7-10, 1998.

Johnson-Masotti, **D.R. Lairson**, L.A. Aday, L. Franzini, and S.D. Pinkerton, Uncertainty in Cost-Effectiveness Analyses: A Comparison of Confidence Interval Estimation Methods. 1998 National STD Prevention Conference, Dallas, Texas, December 6-9, 1998.

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Hedberg A., **Lairson, D.R.**, et.al. Cost-effectiveness of an early Postoperative Enteral Feeding Protocol in General Surgery Patients, American Society for Parenteral and Enteral Nutrition, San Francisco, CA, January 26, 1997.

Annegers, F., C. Begley, **D.R. Lairson**, and T. Reynolds, Costs of Epilepsy in the USA. Establishment of the Epilepsy Foundation of America-study. International Epilepsy congress, Sydney, Australia, September, 1996.

Annegers, F., C. Begley, **D.R. Lairson**, and T. Reynolds, The Cost of Epilepsy in the US: Methods and Preliminary Findings from the EFA Study, Annual Meeting of the American Epilepsy Society, San Francisco, CA. 1996.

Environmental Health and Regulation: An Economic Perspective, Griffith University, Brisbane Australia, July 3, 1996.

Managed Competition in the Health Care System: Implications for the Poor and Uninsured, Queensland University of Technology, Brisbane Australia, August 8, 1996.

The Role of Health Economics in the Delivery of Quality Health Services, Queensland University of Technology, Brisbane Australia, November 18, 1996.

**Lairson, D.R.**, Economics of Environmental Health and Regulation, Center for Public Health Research Tuesday Research Seminar Series, Queensland University of Technology, Brisbane, Australia, June 18, 1996.

### **Miscellaneous**

Referee For: Health Economics, European J. Health Economics, J. of the National Comprehensive Cancer Network, Medical Care, Health Services Research, PLOS ONE, Social Science and Medicine, European Journal of Cancer, Journal of the National Cancer Institute, Inquiry, Preventive Medicine, American Journal of Preventive Medicine, Mobius, the Annals of Regional Science, Journal of Health Care for the Poor and Underserved, American Journal of Public Health, American Journal of Health Promotion, Journal of American Medical Association, Epilepsia, American Heart Journal.

Lecturer: Economic Evaluation and Quality of Life Workshop, International Behavioral Medicine Meeting, Brisbane Australia, Nov. 2000.

Lecturer: Rice University Executive Education program on Management for the Health Care Practitioner, 1999.

### **Recent Research**

Prin. Investigator	MD Anderson Cancer Center, Health and economic consequences of oropharyngeal cancer associated with HPV in Texas. Sept. 2015 – Aug. 2018.
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Co-Investigator	CPRIT, Multi-component interventions for patients and providers to increase HPV vaccination in a network of pediatric clinics in Houston, TX Sept. 2015 – Aug. 2018.
Co-Investigator	NIH, Puerto Rico Community Cancer Control Outreach Program, Funded beginning Sept. 1 2013 – Aug. 31 2018.
Co-Investigator	AHRQ, Comparative Effectiveness and Cost Effectiveness of Cancer Chemotherapy, Funded beginning April 2012 to Feb. 2014.
Prin. Investigator	Indiana University/National Institutes of Health, Increasing Colorectal and Breast Cancer Screening in Women, July 1, 2010 – March 31, 2016.
Co-Investigator	CPRIT, Cancer Communication Intervention to Increase HPV Vaccination Among Hispanic Adolescents, 04/01/2010 – 01/31/2014
Co-Investigator	CPRIT, Increasing Breast, Cervical, and Colon Cancer Screening and Increasing HPV Vaccination Among the Underserved: A Collaboration with the United Way's 2, 04/01/2010 – 03/31/2012
Collaborator	Susan G. Komen, A Transdisciplinary Training Programs for Public Health Researchers and Practitioners Wanting to Impact Breast Cancer Disparities, 08/06/2009 – 08/05/2011
Co-Investigator	Weatherhead Foundation, Century Trial Economic Analysis, 09/05/2008 – 12/31/2015
Co-Investigator	CDC, Intervention to Increase Screening for Cervical Cancer in Women of Mexican Descent Phase 3, 09/30/2007 – 03/29/2010
Co-Investigator	NIH / NCI, Initiation of Colon Cancer Screening in Veterans, 09/01/2007 – 07/31/2012
Co-Investigator	ASPH / CDC, Socioeconomic Status, Health Care Use, and Outcomes in Epilepsy, 10/01/2004 – 09/30/2008

Co-Investigator	CDC, Trial of Interventions to Increase Utilization of Colorectal Cancer Screening & Promote Informed Decision Making about Colorectal Cancer, 09/30/2004 – 09/29/2009
Co-Investigator	State of Texas Cancer Prevention Initiative October 2009. Testing the effect of two intervention approaches on HPV vaccination of Hispanic adolescents living in Houston, February 2010 – February 2013.
Co-Investigator	Weatherhead Foundation, “Randomized Trial of Comprehensive Lifestyle Modification, Optimal Pharmacological Treatment and PET Imaging for Detection and Management of Stable Coronary Artery Disease”, September 1, 2008 – August 31, 2013.
Co-Investigator	Center for Disease Control, “Intervention to Increase Screening for Cervical Cancer in Women of Mexican Descent, Phase 3”, September 30, 2007 – September 29, 2009.
Co-Investigator	National Cancer Institute, “Initiation of Colon Cancer Screening in Veterans”, September 1, 2007 – July 31 2008.
Prin. Investigator	Kelsey Seybold Research Foundation, “Evaluation of Disease Management System for Diabetes Patients”, June 1, 2005 – June 30, 2007.
Prin. Investigator	Jaeb Center for Health Research via National Eye Institute, “Acyclovir for the Prevention of Recurrent HSV Eye Disease: A Cost-effectiveness Analysis”, July 1, 2001 – June 30, 2002
Co-Investigator	Centers for Disease Control, “Socioeconomic Status, Health Care Use, and Outcomes in Epilepsy,” Funded for two years 2004 – 2008.
Co-Investigator	Centers for Disease Control, “SIP 18-04: Trial of Interventions to Increase Utilization of Colorectal Cancer Screening and Promote Informed Decision Making About Colorectal Screening Among Hispanic Women and Men”, Funded for three years 2005-2008.
Co-Investigator	National Cancer Institute, “Dissemination of Project Home Funded for 1 year 2003.

Investigator	Grant from the National Cancer Institute, “Project HOME, Healthy Outlook on the Mammography Experience, using primary cost and screening outcome data”, Funded 1999-2004.
Co-Investigator	National Cancer Institute, “Tailored Interactive Intervention to Increase CRC Screening”, September 6, 2002 – August 31, 2007.
Co-Investigator	ALLHAT Economic Analysis NHLBI (Funded for 2 years, 2002).
Co-investigator	Environmental Economics. Funding by the UTHSC, December 1999-2002.
Investigator	Contract with the Robert Wood Johnson Foundation, calendar year 1997. Evaluation of Medicaid Managed Care in Bexar County, Texas.
Prin. Investigator	Contract with the Queensland University of Technology, calendar year 1996. Development of research and training links with the UTSPH.
Investigator	Cost of Epilepsy in the United States, funded by the Epilepsy Foundation of America, January 1995. (3 year study).
Investigator	Access, Cost, and Quality Effects of Community Oriented Primary Care was a supplementary contract funded by the Bexar County Hospital District, July, 1994.
Co-Investigator	Screening for Diabetic Retinopathy with the wide-angle non-mydratic retinal camera. This study was funded by the Veterans Administration Office of Health Services Research, 1988 – 1992.
Prin. Investigator	Medical Effectiveness Research on Minority Populations was funded by the Agency for Health Care Policy and Research, U.S., D.H.H.S. (1992-96).