

JOE K. GERALD, MD, PHD

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EDUCATION

2004 - 2007	PhD	University of Alabama at Birmingham Department of Health Services Administration <u>Dissertation</u> : Cost-Effectiveness of School-Based Asthma Screening <u>Chair</u> : Gerald Glandon <u>Dissertation Director</u> : Meredith Kilgore
1995 - 1996	-	University of Alabama at Birmingham Department of Health Promotion and Education
1990 - 1994	MD	University of South Alabama College of Medicine
1987 - 1990	BS	University of Alabama at Birmingham <u>Major</u> : Biology (<i>cum laude</i>) <u>Minor</u> : Chemistry
1986 - 1987	-	Birmingham Southern College

MEDICAL & POST-GRADUATE TRAINING

2004 - 2007	Post-Doctoral Fellow	Health Services and Outcomes Research Program (NRSA T32) Translating Research Into Clinical Practice Center for Outcomes and Effectiveness Research and Education University of Alabama at Birmingham School of Medicine
2002 - 2003	PGY-1	Department of Internal Medicine University of Alabama at Birmingham School of Medicine AL License #: 00025335
1994 - 1995	PGY-1	Department of Internal Medicine / Department of Pediatrics University of Alabama at Birmingham School of Medicine

EMPLOYMENT

2018 – pres.	Director	MD-MPH Program University of Arizona College of Public Health
2016 - pres.	Director	Public Health Policy and Management University of Arizona College of Public Health
2016 - pres.	Assoc. Professor	Public Health Policy and Management University of Arizona College of Public Health
2016 – pres.	Associate Scientist	The Asthma and Airways Disease Research Center

2013 – pres.	Courtesy Appointment	The University of Arizona Canyon Ranch Center for Prevention and Health Promotion
2011 – pres.	Associate Investigator	The University of Arizona Cancer Center Biobehavioral and Social Sciences Research Program
2011 - 2016	Asst. Professor (Tenure-Eligible)	Public Health Policy and Management University of Arizona College of Public Health
2009 - 2015	Director	Undergraduate Program in Public Health University of Arizona College of Public Health
2010 - 2011	Program Director	Public Health Policy and Management University of Arizona College of Public Health
2009 - 2011	Asst. Professor (NTE)	Public Health Policy and Management University of Arizona College of Public Health
2008 - 2011	Consultant	Health System Information Services University of Alabama at Birmingham
2004 - 2005	Adjunct	Division of Biological Sciences Jefferson State Community College
2000 - 2001	Chair	Department of Critical Care School of Health Professions, University of Alabama at Birmingham
1997 - 2002	Director	Surgical Physician Assistant Program School of Health Professions, University of Alabama at Birmingham
1995 - 2003	Asst. Professor (NTE)	Surgical Physician Assistant Program School of Health Professions, University of Alabama at Birmingham
1995 - 1996	Research Associate	Smoke Free Families Technical Assistance and Dissemination Project UAB School of Public Health

HONORS & AWARDS

2018	Recipient	AnnalsATS Top Reviewer Award for 2018. Named 1 of 4 top reviewers out 700+ reviewers. Awarded, May 23, 2018.
2011	Recipient	1 of 10 Most important school health papers published in 2010. The Physician Section of the American School Health Association and the American Academy of Pediatrics Council on School Health
2002	Recipient	Glenn E. Cobbs Award for Excellence Birmingham Veterans Administration Medical Center
2001	Honoree	Bearer of the Academic Mace, December Graduation University of Alabama at Birmingham
2001	Recipient	Ellen Gregg Ingalls / UAB National Alumni Award for Excellence in Classroom Teaching University of Alabama at Birmingham
2000	Finalist	Ellen Gregg Ingalls / UAB National Alumni Award for Excellence in Classroom Teaching University of Alabama at Birmingham

SERVICE & OUTREACH

LOCAL AND STATE OUTREACH

2012	Facilitator	Pulmonary, Critical Care, and Sleep Medicine Journal Club. Facilitate fellows' critical appraisal of peer reviewed manuscripts at monthly journal club presentation.
	– pres.	
2020	Judge	Public Health Poster Forum. March 27, 2020.
	Speaker	How to Design Effect Abstracts and Conference Posters. Abstract Design Workshop. MEZCOPH. January 27, 2020.
2019	Reviewer	Mock NIH Study Session. CPH 620 Advanced Research in Health Promotion Sciences. April 29, 2019.
	Judge	Public Health Poster Forum. March 29, 2019.
	Panelist	Faculty Panel. Admitted Graduate Student Day. MEZCOPH. March 29, 2019.
	Panelist	Social Determinants of Healthcare. Eller College of Management and Arizona Healthcare Executive. March 28, 2019.
	Speaker	Careers in Public Health and Medicine. Public Health Undergraduate Network (PHUN). February 11, 2019.
2018	Speaker	Getting Accepted to a Health Professions Program. Project Sunshine. April 12, 2018.
	Panelist	Faculty Panel. Admitted Graduate Student Day. MEZCOPH. April 6, 2018.
	Judge	Public Health Poster Forum. April 6, 2018.
	Participant	Virtual Student Day. March 28, 2018. Web-Based Video Discussion Day for students interested in educational programs in Public Health Policy and Management.
2017	Speaker	Making School Safe for Children with Asthma. Healthy & Safe Schools Summer Institute. Tucson, Arizona. June 1, 2017.
	Speaker	University of Arizona Pre-Physician Assistant Club. February 9, 2017.
2016	Speaker	Arizona Asthma Coalition. Making Asthma Medications Available OTC. Presented March 23, 2016. Phoenix. Arizona.
2014	Interview	Yara Askar. Increasing asthma cases a growing burden on Arizona. Sun Tan Valley Sentinel. Tuesday, December 9, 2014.
		Yara Askar. It Can Take Your Breath Away. Mojave Daily News. Sunday, December 21, 2014.
		UA teams with 16 TUSD elementary schools for asthma study. Barbara Grijalva. Tucson News Now. March 25, 2014.
2013	Judge	Student Society of Health-System Pharmacists' Interprofessional Clinical Skills Competition. Arizona Health Sciences Center. April 2013.
2012	Interview	Pro: Affordable Care Act a Good Start. Arizona Public Media. June 28, 2012.
		ACA still contains things that are popular and unpopular with Americans. Barbara Grijalva. KOLD13 New Tucson. June 28, 2012.
	Presenter	Economics of Health Care: A Panel Discussion. Greater Tucson Leadership Program. February 12, 2012.

	Member	Special Advisory Panel to the Governor on Implementation of the Patient Protection and Affordable Care Act. August 8, 2012.
2011	Presenter	Publish or Perish: Writing and Communicating Your Work in an Academic World. Panel Discussion. Arizona Health Sciences Center. February 24, 2011.
2010	Interview	Health Care Reform: Pre-Existing Medical Conditions No Longer Denied. KGUN9 News. September 22, 2010.
	Presenter	Health Care Reform. Heritage Highlands Democratic Club. April, 22, 2010. Health Care Reform. Perspectives. Tucson Jewish Community Center. Feb 4, 2010.
2009	Organizer	Health Care Reform: A Moderated Panel Discussion. Arizona Health Sciences Center. December 2, 2009.
	Op-Ed	It's A Start: Health Reform Bill Will Help 30 Million Americans. The Arizona Daily Star. November 11, 2009.
2003	Presenter	Getting the Most Out of Spirometry. 16 th Annual Occupational Medicine Update. The Deep South Center for Occupational Health and Safety. Gulf Shores, Alabama.

NATIONAL AND INTERNATIONAL OUTREACH

2018 - pres.	Member	Pediatric Advocacy Sub-Committee. Pediatrics Assembly. American Thoracic Society.
2016 - pres.	Member	Reviewer Board. Journal of Allergy and Clinical Immunology (JACI).
2016 - pres.	Member	Reviewer Board. Annals of the American Thoracic Society (AnnalsATS).
2012 - pres.	Member	Health Policy Committee, American Thoracic Society.
2017 - 2018	Co-Chair	Managing the Price of Pharmaceutical Therapies for Chronic Lung Diseases. Workshop and Official Statement of the American Thoracic Society.
2012 - 2018	Member	Behavioral Sciences and Health Services Research Assembly Web-Committee, American Thoracic Society.
2010 - 2017	Member	Conference Programming Committee-Behavioral Sciences and Health Services Research Assembly. American Thoracic Society.
2017	Moderator	Improving Asthma Management: Research at the Forefront. Mini-Symposium. 2017 American Thoracic Society International Conference. Wash, DC.
	Interview	2017's Healthiest Cities in America. Wallethub. Feb 13, 2017. https://wallethub.com/edu/healthiest-cities/31072/#joe-k-gerald .
2016	Member	Nominating Committee. Behavioral Science and Health Services Research Assembly. American Thoracic Society.
	Co-Chair	Burden of Pulmonary and Critical Care Medicine: Cost and Utilization. Poster Discussion. 2016 American Thoracic Society International Conference. San Francisco, CA. May 15th.
2014	Co-Chair	ICU Utilization and Outcomes (A94). Mini-Symposium. 2014 International Conference, American Thoracic Society. San Diego, CA May 16-21.
	Attendee	American Thoracic Society -National Heart Lung and Blood Institute (NHLBI) Workshop on Implementation Research. San Diego, CA May 17.

	Member	American Thoracic Society Workshop: Patient centered outcomes research in pulmonary, critical care and sleep medicine. San Diego, CA May 17.
2013	Reviewer	“A population study to elicit societal preferences to value the health benefit to inform a Multi-Criteria-Decision-Analysis approach to the Irish healthcare system.” The Health Research Board (HRB) is the lead agency in Ireland supporting health research including a portfolio of Health Services Research Awards.
	Facilitator	Poster Discussion Session (A102) Dollars and Sense: Identifying the Costs, Utilization, and Burden of Respiratory Disease Management. 2013 American Thoracic Society International Conference. Philadelphia, PA.
2012 - 2014	Web Director	Behavioral Sciences and Health Services Research Assembly. American Thoracic Society.
2011 - 2012	Member	Comparative Effectiveness Research Working Group. American Thoracic Society.
2009	Reviewer	2009-2010 ZRG1 RPHB-A (58) R, RFA OD-09-003. Challenge Grants Panel 4. NIH Challenge Grants in Health and Science Research
2009	Reviewer	2009-2010 ZRG1 RPHB-A (58) R, RFA OD-09-003. Challenge Grants Panel 27. NIH Challenge Grants in Health and Science Research
2007	Reviewer	NNH07ZDA001N-DECISIONS. Decision Support through Earth Science Research Results Solicitation. NASA Research Science Mission Directorate. Wash., D.C.
2012	Facilitator	Thematic Poster Session (A40): The Economic Burden of Respiratory Disease and Cost-Effectiveness of Treatments. 2012 American Thoracic Society International Conference. San Francisco, CA.
2011	Facilitator	Thematic Poster Session (B38): Can We Improve Quality and Reduce Cost of Care? 2011 American Thoracic Society International Conference. Denver, Colorado.
1999 - 2002	Judge	J. Peter Nyquist National Physician Assistant Student Writing Contest

JOURNAL REVIEW

2019 – pres.	1	Journal of Adolescent Health (1, 2019)
2015 - pres.	14	Journal of Allergy and Clinical Immunology: In Practice (1, 2015; 3, 2016; 3, 2017; 4, 2018; 3, 2019)
2013 - pres.	16	Annals of American Thoracic Society (1, 2013; 1, 2014; 3, 2016; 6, 2017; 2, 2018; 3, 2019)
2011 - pres.	47	Journal of Allergy and Clinical Immunology (1, 2011; 6, 2012; 6, 2013; 8, 2014; 5, 2015; 9, 2016; 5, 2017; 3, 2018; 3, 2019; 1, 2020)
2010 - pres.	10	Pediatrics (2, 2010; 1, 2011; 1, 2013; 3, 2016; 1, 2017; 1, 2018; 1, 2020)
2016	1	Journal of Affective Disorders (1, 2016)
2015	1	The Patient: Patient-Centered Outcomes Research (1, 2015)
2013	1	CHEST (1, 2013)
2013	1	Journal of Comparative Effectiveness Research (1, 2013)
2012 - 2013	3	Journal of Asthma (2, 2012; 1, 2013)
2012	2	Journal of Pediatric Allergy, Immunology, and Pulmonology (2, 2012)
2011	2	The Lancet Infectious Diseases (2, 2011)
2011	1	Central European Journal of Medicine (1, 2011)

2010 - 2014	5	Journal for Health Care of the Poor and Underserved (2, 2010; 2, 2011; 1, 2014)
2010 - 2011	2	Clinical Therapeutics (1, 2010; 1, 2011)

UNIVERSITY COMMITTEES-THE UNIVERSITY OF ARIZONA

2019 - 2020	Member	Higher Learning Committee Faculty Associate representing MEZCOPH
2018 - 2020	Senator	University of Arizona Faculty Senate Representative for MEZCOPH
2011 - 2012	Chair	Academic Program Subcommittee of Undergraduate Council
2009 - 2012	Member	Undergraduate Council

DEPARTMENTAL & COLLEGE COMMITTEES- UA ZUCKERMAN COLLEGE OF PUBLIC HEALTH

2019 – pres.	Member	Accreditation Review Committee (MEZCOPH)
2009 - pres.	Member	Undergraduate Program Executive Committee (MEZCOPH)
2009 - pres.	Member	Education Committee (MEZCOPH)
2019	Chair	Promotion and Tenure Review Committee (CEP)
	Evaluator	Teaching Peer Review. PHPM 608A Public Health Law and Ethics (L. Barraza).
	Evaluator	Teaching Peer Review. EPID 495: Health and Disease Across Time (Y. Klimentidis).
	Chair	Department Annual Performance Review Committee (CEP)
	Chair	Search Committee. Assistant Professor of Practice (CEP)
	Member	Search Committee. Pharmacy Practice and Science.
2018	Evaluator	Teaching Effectiveness Peer Review. EHS 375 Introduction to Environmental and Occupational Health (M. Verhougstraete).
2017 - 2018	Member	Department Annual Performance Review Committee (CEP)
2017 - 2018	Member	Academic Program Review Committee (MEZCOPH)
2009 - 2015	Chair	Undergraduate Program Admissions Committee (MEZCOPH)
2012	Member	Search Committee. Public Health Policy and Management (Health Economics)
2012	Member	Search Committee. Public Health Policy and Management (Health Service Research)
2011	Member	Department Annual Performance Review Committee (CEP)
2009 – 2010	Member	Academic Programs Review Committee (MEZCOPH)

DEPARTMENTAL & COLLEGE COMMITTEES UAB SCHOOL OF HEALTH PROFESSIONS

2000 - 2001	Chair	Capital Budget Committee, Department of Critical and Diagnostic Care
2001	Chair	Search Committee, Assistant Professor Surgical PA Program
1999	Chair	Search Committee, Assist./Assoc. Professor Surgical PA Program (2 positions)
1997 - 2002	Chair	Surgical Physician Assistant Program Admissions Committee
1999 - 2000	Vice-Chair	Faculty Affairs Committee, School of Health Professions
2001	Member	Ad-hoc IRB Reviewer, The Effectiveness of Low Dose Theophylline as Add-On Therapy in the Treatment of Asthma. PI: William C. Bailey, MD
1998 - 2001	Member	Faculty Affairs Committee, School of Health Professions
1996 - 1997	Member	Advisory Committee for Assistant Dean for Academic and Student Affairs Search

- 1995 - 1997 Member Surgical Physician Assistant Program Admissions Committee
- 1995 - 1999 Advisor UAB Surgical Physician Assistant Student Society-AAPA recognized affiliate

PUBLICATIONS

BOOKS, EDITED BOOKS, AND BOOK CHAPTERS

- 2010 Editor Watson RS, **Gerald JK**, Preedy VR. Nutrients, Dietary Supplements, and Nutraceuticals: Cost Analysis versus Clinical Benefits. New York: Human Press, 2010. Since publication in 2010, there have been 51,297 chapter downloads with 5,474 in 2018 making it one of the top 25% most downloaded eBooks in the relevant Springer eBook Collection.

PEER REVIEWED MANUSCRIPTS

*DENOTES WORK BASED SUBSTANTIALLY ON THAT DONE AS GRADUATE STUDENT

- 2019 30 Papp EM, **Gerald JK**, Sadreameli SC, Gerald LB. Why Every School Should Have a Stock Inhaler: One Nurse's Experience. Am J Pub Health. 2019; 109 (11):1528-15-29. PMID: 31577486.
- 29 Brady B, **Gerald JK**, Yuan NP, Nair US, Krupski L, Thompson CA. Higher Quality Quit Date Coaching Enhances Quit Attempts among Quitline Callers. Tob Prev Cessation. 2019; 5(June):20.
- 28 **Gerald JK**, Hallmark B, Billheimer D, Martinez FD, Gerald LB. Are Latino Children of Mexican Origin with Asthma Less Responsive to Inhaled Corticosteroids than White Children? J Allergy Clin Immunol Pract. 2019; 7(7):2419-2421. PMID: 30857938.
- 27 Verhougstraete MP, **Gerald JK**, Gerba CP, Reynolds KA. Cost-Benefit of Point-of-Use Devices for Lead Reduction. Environ Res. 2019; 171: 260-265. PMID: 30690272.
- 26 **Gerald JK**, Fisher JM, Brown MA, Clemens CJ, Moore MA, Carvajal SC, Bryson D, Stefan N, Billheimer D, Gerald LB. School-Supervised Use of a Once-Daily Inhaled Corticosteroid Regimen: A Cluster Randomized Trial. J Allergy Clin Immunol. 2019; 143(2):755-764. PMID: 30118728.
- 2018 25 Patel MR, Press VG, Gerald LB, Barnes T, Blake K, Brown LK, Costello RW, Crim C, Forshag M, Gershon A, Goss CH, Han MK, Lee TA, Sweet S, and **Gerald JK**. Improving the Affordability of Prescription Medications for People with Chronic Respiratory Disease: An Official American Thoracic Society Policy Statement. Am J Respir Crit Care Med. 2018; 198(11): 1367-1374. PMID: 24160906.
- 24 Gerald LB, Strother J, Burkholder B, **Gerald JK**. Translating Research into Health Policy: Stock Albuterol Legislation. Ann Am Thorac Soc. 2018; 15(4):413-416. PMID: 29232154.
- 23 Goodwin JL, Gerald LB, Johnson JLH, **Gerald JK**. Use of a Disposable Valved-Holding Chamber (Spacer) in a School-Based Asthma Trial. J Allergy Clin Immunol Pract. 2018; 6(1):307-309. PMID: 28970085.
- 2017 22 **Gerald JK**. Ten Principles to Guide Health Reform. Ann Am Thorac Soc. 2017; 14(3):420-425. PMID: 28248575.
- 2016 21 Chongpison Y, Hornbrook MC, Harris RB, Herrinton LJ, **Gerald JK**, Grant M, Bulkley JE, Wendel CS, Krouse RS. Self-Reported Depression and Perceived Financial Burden among Long-Term Rectal Cancer Survivors. Psychooncology. 2016; 25(11):1350-1356. PMID: 26365584
- 20 Bime C, **Gerald JK**, Wei CY, Holbrook JT, Teague GW, Wise RA, Gerald LB. Measurement Characteristics of the Childhood Asthma Control Test (C-ACT) and a Shortened, Child-Only Version (C-ACTc). Npj Primary Care Respiratory Med. 2016; 26:16075. PMID: 27763622.

- 19 Weiss CH, Krishnan JA, Au DH, Bender BG, Carson SS, Cattamanchi A, Cloutier MM, Cooke CR, Erickson K, George M, **Gerald JK**, Gerald LB, Goss CH, Gould MK, Hyzy R, Kahn JM, Mittman BS, Moseson EM, Mularski RA, Patel SR, Parthasarathy S, Rand CS, Redeker NS, Reiss TF, Riekert KA, Rubenfeld GD, Tate JA, Wilson KC, Thomson CC. An Official American Thoracic Society Research Statement: Implementation Science in Pulmonary, Critical Care, and Sleep Medicine. *Am J Respir Crit Care Med*. 2016; 194(8):1015-1025. PMID: 2773989
- 18 Gerald L, Snyder A, Disney J, **Gerald JK**, Thomas A, Wilcox G, Brown M. Implementation of a Stock Albuterol Program for Students with Asthma. *Ann Am Thorac Soc*. 2016; 13(2):295-6. PMID: 26848605
- 2015 17 Bender BG, Krishnan JA, Chambers DA, Cloutier MM, Riekert KA, Rand CS, Schatz M, Thomson CC, Wilson SR, Apter A, Carson Ss, George M, **Gerald JK**, Gerald LB, Goss CH, Okelo SO, Mularski RA, Nguyen HQ, Patel MR, Szeffler S, Weiss C, Wilson KC, Freemer MM. American Thoracic Society-National Heart, Lung, and Blood Institute Implementation Research Workshop Report. *Ann Am Thorac Soc*. 2015; 12(12):S213-21. PMID: 26653201
- 16 **Gerald JK**, Carr T, Wei CY, Holbrook J, Gerald LB. Albuterol Overuse: A Marker of Psychological Distress? *J Allergy and Clin Immunol Pract*. 2015; 3(6): 957-62. PMID: 26341049.
- 15 Chongpin Y, Hornbrook MC, Harris RB, Herrington LJ, **Gerald JK**, Grant M, Bulkley JE, Wendel CS, Krouse RS. Long-Term Rectal Cancer Survivorship, Perceived Financial Burden, and Self-Reported Depression. *Psychooncology*. 2015: Sept 14 [epub ahead of print]. PMID: 26365584
- 14 **Gerald JK**, Gerald LB, Vasquez MA, Morgan WJ, Boehmer SJ, Lemanske RF, Mauger DT, Strunk RC, Szeffler SJ, Zeiger RS, Bacharier LB, Covar R, Guilbert TW, Heidarian-Raissy H, Kelly HW, Malka-Rais J, Sorkness CA, Martinez FD. Markers of Differential Response to Inhaled Corticosteroids among Children with Mild Persistent Asthma. *J Allergy and Clin Immunol Pract*. 2015; 3(4):540-6. PMID 25783161.
- 2014 13 **Gerald JK**, Wechsler M, Martinez FD. Asthma Medications Should Be Available for Over-the-Counter Use: Pro. *Annals ATS*. *Ann Am Thorac Soc*. 2014 Jul;11(6):969-74. PMID 24964037. Associated podcast: http://www.atsjournals.org/page/AnnalsATS/podcast_interviews. Letter/reply: **Gerald JK**, Wechsler M, Martinez FD. Reply: safety of short-acting β -agonists not a barrier to making asthma rescue and controller medications available over the counter. *Ann Am Thorac Soc*. 2014 Sep;11(7):1162-3. Weinberger M. Let's not repeat the folly of nonprescription β 2-adrenergic bronchodilators. *Ann Am Thorac Soc*. 2014 Sep;11(7):1162.
- 2013 12 Carson SS, Goss CH, Patel SR, Anzueto A, Au D, Elborn S, **Gerald JK**, Gerald LB, Kahn JM, Malhotra A, Mularski R, Riekert K, Rubenfeld G, Weaver T, Krishnan JA. Official ATS Research Statement: Comparative Effectiveness Research in Pulmonary, Critical Care, and Sleep Medicine. *Am J Respir Crit Care Med*. 2013; 188:1253-1261. PMID 24160906.
- 2012 11 Gerald LB, **Gerald JK**, Zhang B, McClure LA, Harrington KF, Bailey WC. Can a school-based hand washing and hand sanitizer program reduce asthma exacerbations among elementary school children? *J Allergy and Clin Immunol*. 2012; 130(6): 1317-24. PMID 23069487
- 10 Nuño T, **Gerald JK**, Harris RB, Martinez ME, Estrada A, and García F. Comparison of breast and cervical cancer screening utilization among rural and urban Hispanic and American Indian women in the Southwestern United States. *Cancer Causes Control* (2012) 23:1333–1341. PMID 22710745
- 9 **Gerald JK**, McClure LA, Harrington KF, Moore T, Hernandez-Martinez A, Gerald LB. Measurement Characteristics of Pediatric Asthma Health Outcome Measure. *J Asthma*. 2012; 49(3):260-6. PMID 22335297
- 8 **Gerald JK**, Stroupe N, McClure LA, Wheeler L, Gerald LB. Availability of Asthma Quick Relief in Five Alabama School Systems. *Pediatr Allergy Immunol Pulmonol*. 2012; 25(1):11-16. PMID 22454787

- 2011 7 Levine DA, Funkhouser EM, Houston TK, **Gerald JK**, Johnson-Roe N, Allison JJ, Richman J, Kiefe CI. Improving Post-Myocardial Infarction Care using a 2-Year Internet-Delivered Intervention: the VA MI-Plus Cluster-Randomized Trial. *Arch Intern Med.* 2011; 171(21):1910-1917. PMID 22123798
- 6 Funkhouser EM, Levine DA, **Gerald JK**, Houston TK, Johnson-Roe NK, Allison JJ, and Kiefe CI. Recruitment Activities for a Nationwide, Population-Based Group-Randomized Trial: The VA MI-Plus Study. *Implementation Science* 2011, 6:105. PMID 21906278
- 5 Gerald LB, **Gerald JK**, McClure LA, Harrington KF, Erwin S, Bailey WC. Redesigning a Large School-Based Trial in Response to Changes in Community Practice. *Clinical Trials.* 2011; 8:311-319. PMID 21730079
- 2010 4 ***Gerald JK**, Grad R, Bailey WC, Gerald LB. Cost-Effectiveness of School-Based Asthma Screening in an Urban Population. *J Allergy Clin Immunol* 2010; 125:643-650. PMID 20226298
- 2009 3 ***Gerald JK**, Fineberg NS, Sun Y, Gerald LB. Respiratory Symptoms, Emergency Department Visits and Hospitalizations in a School-Based Asthma Case Detection Study. *Pediatrics* 2009;124: e927–e933. PMID 19841121
- 2 Pisu M, **Gerald J**, Schmiyah J, Bailey WC; Gerald LB. Targeted TB Investigation Saves Money without Sacrificing Control. *J Public Health Manag Pract.* 2009;15(4):319-27. PMID 19525776
- 1 Gerald LB, **Gerald JK**, Gibson L, Patel K, Ahang S, McClure LA. Changes in Environmental Tobacco Smoke Exposure and Asthma Morbidity Among Urban School Children. *Chest* 2009; 135:911-916. PMID 19357404

WORKS IN PROGRESS

- 2019 **Gerald JK**, Fisher JM, Billheimer D, Brown MA, Clemens CJ, Moore MA, Gerald LB. Does Providing Controller Medication for School Use Reduce Home Adherence? 2019 (in revision). PMID: TBA.

EDITORIALS, ELECTRONIC & NON-PEER REVIEWED PUBLICATIONS

- 2020 Press V and **Gerald JK**. High Deductible Health Plans Make the Chronically Ill Pay More for Less. *AnnalsATS.* 2020; (in-press). PMID: TBA
- 2019 Patel M and **Gerald JK**. Why a Plan to Lower Prescription Drug Prices Should Not Be Piecemeal. *The Conversation.* September 10, 2019. <https://theconversation.com/why-a-plan-to-lower-prescription-drug-prices-should-not-be-piecemeal-116572>.
- Gerald JK**. Benefits of Stock Epinephrine Likely Mis-Estimated. *JAMA Pediatrics.* 2019; [Epub ahead of print]. PMID: 31180468.
- Gerald JK** and Brady B. Time to Make Your Mandatory Attendance Policy Optional. *Chronicle of Higher Education.* <https://www.chronicle.com/article/Time-to-Make-Your/245455>. Published January 13, 2019.
- 2018 **Gerald JK** and Denninghoff KR. Emergency Department Recidivism and Asthma: Revisiting an Old Problem. *J Allergy Clin Immunol Pract.* 2018; 6(6):1914-1915. PMID: 30390904.
- Gerald JK**. Inhaled Glucocorticoids in Asthma. *N Engl J Med.* 2018; 378(21):2049-50. PMID: 29792405.
- 2017 **Gerald JK**. The Benefit of Early Preventive Dental Care for Children. *JAMA Pediatr.* 2017 (Jul 31). PMID: 28759668.
- Gerald JK**. Generic Competition for Orally Inhaled Respiratory Medications: Two Steps Forward, One Step Back. *Ann Am Thorac Soc.* 2017; 14(2):165-167. PMID: 28146386

- 2016 Ateeli H, Bime C, **Gerald J.** Tucson critical care journal club: albumin use in the critical care unit. *Southwest J Pulm Crit Care.* 2016; 13(5):238-9.
Gerald JK and Gerald LB. The Unfulfilled Promise of School-Based Asthma Care. *J Allergy and Clin Immunol Pract.* 2016; 4(5):980-1. PMID. 27587323.
Gerald JK and Moreno F. Asthma and Depression: It's Complicated. *J Allergy and Clin Immunol Pract.* 2016; Jan-Feb; 4(1) 74-5. PMID. 26772927.
- 2015 Nahapetian RR, **Gerald J.** November 2015 Tucson critical care journal club: atrial fibrillation in sepsis. *Southwest J Pulm Crit Care.* 2015;11(6):266-8
Dill J, **Gerald J,** Bime C, Knepler J. September 2015 Tucson pulmonary journal club: A bronchial genomic classifier. *Southwest J Pulm Crit Care.* 2015;11:119-120.
Ganesh A, Bime C, **Gerald J.** February 2015 Tucson pulmonary journal club: fibrinolysis for PE. *Southwest J Pulm Crit Care.* 2015;10(2):97-8.
Wong C, Berry C, **Gerald J.** January 2015 Tucson pulmonary journal club: withdrawal of inhaled glucocorticoids in COPD. *Southwest J Pulm Crit Care.* 2015; 10(2):79-80.
- 2014 Natt B, Berry C, **Gerald JK.** September 2014 Tucson pulmonary journal club: PANTHEON study. *Southwest J Pulm Crit Care.* 2014;9(4):249-50.
Hypes C and **Gerald JK.** August 2014 Tucson critical care journal club: bacteremia in cardiac arrest. *Southwest J Pulm Crit Care.* 2014; 9(4):247-8.
Natt B, Berry C, Bime C, **Gerald J.** April 2014 Tucson critical care journal club: early goal-directed therapy. *Southwest J Pulm Crit Care.* 2014;8(4):243-5.
Strawter C, Berry C, Bime C, **Gerald J.** January 2014 Tucson Critical Care Journal Club: Esmolol in Septic Shock. *Southwest Pulm Crit Care.* 2014; 8(2):108-9.
Ganesh A, Berry C, **Gerald J.** December 2013 Tucson Critical Care Journal Club: Hypothermia. *Southwest Pulm Crit Care.* 2014; 8(1):44-45.
- 2013 Wong C, Berry C, **Gerald J.** November 2013 Tucson Pulmonary Journal Club: Macitentan. *Southwest J Pulm Crit Care.* 2013; 7(6): 349-50.
Eddib A, **Gerald J,** Berry C. October 2013 Tucson Pulmonary Journal Club: Tiotropium Respimat. *Southwest J Pulm Crit Care.* 2013; 7:313-314. doi: <http://dx.doi.org/10.13175/swjpc170-13> PDF.
Hsu W, **Gerald J.** September 2013 Tucson Pulmonary Journal Club: early tracheostomy. *Southwest J Pulm Crit Care.* 2013;7(3):194-5. doi: <http://dx.doi.org/10.13175/swjpc129-13> PDF.
- 2010 Abraham I, Reel S, Armstrong E, Ritenbaugh C, Bassford T, Muramoto M, **Gerald J,** and Rigney T. A Definition of Comparative Effectiveness Research. *BMJ Letter to Editor (rapid response).* Sept 14, 2010.
- 2006 **Gerald JK** and Estrada CE. VA MI-Plus Project. Health Disparities in Cardiovascular Disease. On-line CME article posted Oct 10, 2006.
Gerald JK and Levine DA. Diabetes and the Post-MI Patient. VA MI-Plus Project. On-line CME article posted Aug 21, 2006.
Gerald JK and Levine DA. Risk Factor Modification for Post-MI Patients. VA MI-Plus Project. On-line CME article posted May 01, 2006.
Gerald JK and Levine DA. Maximizing Benefit, Minimizing Risk with Post-MI Drugs. VA MI-Plus Project. On-line CME article posted Feb 16, 2006.
- 2005 Levine DA and **Gerald JK.** When High Is Bad: High BP, Glucose, and Lipids. VA MI-Plus Project. On-line CME article posted Oct 28, 2005.

PUBLISHED ABSTRACTS (*ORAL PRESENTATION)

- 2019 Lowe A, **Gerald JK**, Black S, Begay Jordan J, Phan H, Bender B, Gerald LB. Caregiver Reported Asthma Outcomes of School-Age Navajo Children in Tuba City, Arizona. *Am J Respir Crit Care Med*. 2019; TBA. American Thoracic Society International Conference. Dallas, TX.
- Lowe A, **Gerald JK**, Clemens C, Gerald LB. Implementation of a County-Wide Stock Inhaler for Schools Program in Pima County, Arizona. *Am J Respir Crit Care Med*. 2019; TBA. American Thoracic Society International Conference. Dallas, TX.
- 2018 ***Gerald JK**, Fisher J, Billheimer D, Brown MA, Clemens CJ, Moore MA, Gerald LB. Controller Medication Prescribing and Adherence among Medicaid Insured Children Enrolled in the Supervised Asthma Medicine in Schools Study. *Am J Respir Crit Care Med*. 2018; 197:A7713. American Thoracic Society International Conference. San Diego, CA.
- ***Gerald JK**, Hallmark B, Billheimer D, Martinez FD, Gerald LB. Are Hispanic Children of Mexican Origin Less Responsive to ICS treatment than non-Hispanic White Children? A Meta-Analysis of CARE Trials. *Am J Respir Crit Care Med*. 2018; 197:A2710. American Thoracic Society International Conference. San Diego, CA.
- 2017 ***Gerald JK**, Brown M, Billheimer D, Fisher J, Clemens C, Moore M, Carvajal S, Bryson D, Stefan N, Gerald LB. Supervised Asthma Medicine in Schools: The SAMS Study. *Am J Respir Crit Care Med*. 2017; 195:A2634. American Thoracic Society International Conference. Washington, DC.
- Lowe AA, **Gerald JK**, Fisher J, Billheimer D, Carvajal S, Gerald LB. Among Hispanic Children with Asthma, Greater Maternal Acculturation is Associated with Having a Medical Home. *Am J Respir Crit Care Med*. 2017; 195:A2989. American Thoracic Society International Conference. Washington, DC.
- 2016 Chongpison Y, Hornbrook MC, Harris RB, Herrinton L, **Gerald JK**, Dennis LK, Bulkley JE, Grant M, Wendel CS, Krouse RS. Prevalence of Diagnosed Depression and Association with Long-Term Psychological Well-Being Among Rectal Cancer Survivors. 8th Biennial Cancer Survivorship Research Conference: Innovation in a Rapidly Changing Landscape. June 2016. Washington, DC.
- Chongpison Y, Harris RB, **Gerald JK**, Dennis LK, Herrinton L, Grant M, Hornbrook MC, Sun V, Bulkley JE, Wendel CS, Krouse RS. Comparison of self-reported depression measures with depression diagnoses ascertained through an electronic medical record. 8th Biennial Cancer Survivorship Research Conference: Innovation in a Rapidly Changing Landscape. June 2016. Washington, DC.
- Patel N, Van Buren J, Lowe A, Pongratz A, Moore M, Stefan N, Johnson D, Gerald LB, **Gerald JK**. Time-Motion Study of Health Assistant Activities in Tucson Unified School District (TUSD). *Am J Respir Crit Care Med*. 2016; 193:A2147. American Thoracic Society International Conference. San Francisco, CA.
- *Lowe A, **Gerald JK**, Clemens C, Brown MA, Moore M, Carr T, Goforth M, Fisher J, Billheimer, D, Gerald LB. Mobile Telemedicine programs in school could increase clinician efficiency and improve access to health care among children with asthma. *Am J Respir Crit Care Med*. 2016; 193:A6427. American Thoracic Society International Conference. San Francisco, CA.
- Oren E, Combs D, Fisher J, Goodwin J, Billheimer D, **Gerald JK**, Clemens C, Brown M, Gerald LB. Impact of Supervised Asthma Medication Use on Sleep Outcomes of Elementary School Children. *Am J Respir Crit Care Med*. 2016; 193:A5607. American Thoracic Society International Conference. San Francisco, CA.
- 2015 *David S, Gerald LB, Jenkins I, Clemens C, Brown MA, Billheimer D, Goodwin JL, Johnson D, Bryson D, **Gerald JK**. School-Based Asthma Management Programs Could Provide a Source of Care for Children Who Otherwise Lack Access. *Am J Respir Crit Care Med* 191; 2015:A3630. American Thoracic Society International Conference. Denver, CO.

Valencia C, Gerald LB, Jenkins I, Billheimer D, Moore M, Goodwin JL, Aguilar P, Bryson D, Johnson D, **Gerald JK**. Association Between Health Insurance Status and Baseline Clinical and Demographic Characteristics among Hispanic Children Enrolled in the Supervised Asthma Medication in Schools (SAMS) Study. *Am J Respir Crit Care Med* 191; 2015:A1384. American Thoracic Society International Conference. Denver, CO.

Gerald JK, Brown MA, Clemens C, Jenkins I, Billheimer D, Goodwin JL, Johnson D, Bryson D, Snyder A, Gerald LB. Association between Body Mass Index and Baseline Clinical and Demographic Characteristics among Hispanic Children Enrolled in the Supervised Asthma Medication in Schools (SAMS) Study. *Am J Respir Crit Care Med* 191; 2015:A3711. American Thoracic Society International Conference. Denver, CO.

Goodwin JL, **Gerald JK**, Brown MA, Clemens CJ, Jenkins IC, Gerald LB. Sleep Symptoms in a Population of 5-11 Year Old Children with Asthma Enrolled in the Supervised Asthma Medicine in Schools (SAMS) Study. Associated Professional Sleep Societies Meeting.

2013 Carr TF, **Gerald JK**, Wei CY, Holbrook J, Gerald LB. Characteristics Of Over- And Under-Users Of Short-Acting Beta-Agonists In The American Lung Association-Asthma Clinical Research Centers Trial Of Asthma Patient Education. *Am J Respir Crit Care Med* 187; 2013:A2718. American Thoracic Society International Conference. Philadelphia, PA.

Gerald LB, **Gerald JK**, Goodwin JL, Wei C, Walford H, Wise RA, Teague WG, Holbrook J. Measurement Characteristics Of The Childhood Asthma Control Test (cACT) And A Shortened, Child-Only Version. *Am J Respir Crit Care Med* 187; 2013:A5027. American Thoracic Society International Conference. Philadelphia, PA.

2012 Gerald LB, **Gerald JK**, Bioty N, Chinchilli V, Martinez F. Predictors Of Response To Inhaled Corticosteroids: Stratified Results From The TREXA Trial. *Am J Respir Crit Care Med*; 2012; 185: A4071. American Thoracic Society International Conference. San Francisco, CA.

Gerald LB, **Gerald JK**, Harrington KF, Zhang B, Bailey WC. Is A School-Based Hand Washing And Hand Sanitizer Program Effective In Reducing Asthma Exacerbations Among Elementary School Children? *Am J Respir Crit Care Med*; 2012; 185: A2884. American Thoracic Society International Conference. San Francisco, CA.

***Gerald JK**, Gerald LB, Bioty N, Chinchilli V, Martinez F. Adherence To Rescue Inhaled Corticosteroid Use During The TREXA Trial. *Am J Crit Care Med*; 2012; 185: A2200. American Thoracic Society International Conference. San Francisco, CA.

Stroupe N, Gerald LB, **Gerald JK**, Zhang B, Harrington KF, McClure LA, Bailey WC. Does Obesity Increase the Risk of Asthma Exacerbations among Elementary School Children. *Am J Respir Crit Care Med*; 2012; 185: A6760. American Thoracic Society International Conference. San Francisco, CA.

2011 **Gerald JK**, Alsip J, Hicks J, Waldrum MR, and Dunlap NE. Using the EMR to Perform Continuous, Automated, Real-Time Surveillance to Identify Hospitalized Patients at Risk of Sepsis. *Chest*. 2011; 140:426A. Chest International Conference. Honolulu, Hawaii.

Gerald JK, Alsip J, Hicks J, Waldrum MR, and Dunlap NE. Predictors Of In-Hospital Mortality Among Patients Identified As Having Severe Sepsis By An Automated Clinical Decision Rule. *Am. J. Respir. Crit. Care Med.*, May 2011; 183: A4696. ATS International Conference in Denver, Colorado

Gerald JK, Alsip J, Hicks J, Waldrum MR, and Dunlap NE. Pattern Of Clinical And Laboratory Abnormalities Among Hospitalized Patients Identified As Having Severe Sepsis By An Automated Clinical Decision Rule. *Am. J. Respir. Crit. Care Med.*, May 2011; 183: A3860. ATS International Conference in Denver, Colorado

Gerald LB, McClure LA, **Gerald JK**, Zhang B, Harrington KF, and Bailey WC. Seasonal Influenza and H1N1 vaccine prevalence among children with asthma. *Am J Respir Crit Care Med.* May 2011; 183: A4153. ATS International Conference in Denver, Colorado

Gerald JK, McClure LA, Zhang B, Harrington KF, Bailey WC, Gerald LB. Predictors of hand sanitizer use at home among children with asthma. *Am J Respir Crit Care Med.*, May 2011; 183: A3792. ATS International Conference in Denver, Colorado.

2010 Gerald LB, **Gerald JK**, McClure L, Grad R. Daily symptom and peak flow monitoring: do they predict respiratory-related school absences? *Am J Respir Crit Care Med* 2010; 181: A2251. ATS International Conference in New Orleans, Louisiana.

Gerald JK, Harrington KF, McClure L, Bailey WC, Gerald LB. Daily Respiratory Symptom Reporting versus Two-Week Recall in Children with Asthma. *Am J Respir Crit Care Med* 2010; 181: A5805. ATS International Conference in New Orleans, Louisiana.

2009 **Gerald JK**, McClure LA, Harrington KF, Lee TA, Gerald LB. The Pediatric Asthma Health Outcome Measure, Not Just Quality-of-Life? *Am J Respir Crit Care Med* 2009; 179: A4312. ATS International Meeting, San Diego, CA.

***Gerald JK**, McClure LA, Harrington KF, Lee TA, Gerald LB. Parent and Child Agreement on the Pediatric Asthma Health Outcome Measure. *Am J Respir Crit Care Med* 2009; 179: A2457. ATS International Conference, San Diego, CA

Gerald LB, **Gerald JK**, McClure LA, Grad R. Quick Relief Medication at School. *Am J Respir Crit Care Med* 2009; 179: A2454. ATS International Conference, San Diego, CA.

2008 **Gerald JK**, Kilgore ML, Grad R, Gerald LB. Cost-Effectiveness of School Based Asthma Case Detection. *Am. J. Respir. Crit. Care Med.*, Apr 2008;177. American Thoracic Society International Conference. Toronto, Canada

Gerald JK, Fineberg NS, Sun Y, Gerald LB. Health Care Use Among Children Identified by Asthma Case Detection. *Am. J. Respir. Crit. Care Med.*, Apr 2008; 177. American Thoracic Society International Conference. Toronto, Canada.

OTHER ABSTRACTS (*ORAL PRESENTATION)

2019 *Verhougstraete M, **Gerald JK**, Reynolds K, Gerba C. Cost-Benefit of Point of Use Devices for Lead Reductions. American Water Works Association ACE19 Conference. Denver, CO. June 12, 2019.

2016 Patel N, Van Buren J, Lowe AA, Pongratz AG, Moore M, Stefan N, Johnson D, Gerald LB, **Gerald JK**. Time-Motion Study of Health Assistant Activities in Tucson Unified School District Elementary Schools. Public Health Student Research Poster Forum. Tucson, AZ. April 1, 2016.

2011 Hardison J, Stolz U, Denninghoff K, **Gerald JK**. Characterization of Frequent Emergency Department Users Across the United States. Presented Society of Academic Emergency Medicine Western Regional Meeting. Keystone, CO. February 2011.

2010 Pritchett LK, Knutson JM, **Gerald JK**, Skrepnek GH. Comorbidities and Patterns of Care with Adult Primary Polycythemia Vera-Related Mortality in Hospital Settings [abstract]. 45th American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting and Exhibition, Anaheim, California, December 5-9, 2010.

2009 **Gerald JK**, Gordon G, Day T, Houston TK, Hicks J, Berner ES. Does Physician Use of a Referring Physician Portal Differ for Patients Referred for Hospitalization versus Out-Patient Consultation? Presented at 2009 Healthcare Information and Management Systems Society (HIMSS) International Conference. Chicago, IL.

- Gerald JK**, Tisch C, Beaudrie A, Taren D and Hakim I. A Bachelor's Degree in Public Health: Toward an Educated Citizenry. Presented at Arizona Public Health Association 2009 Annual Meeting and Conference. Phoenix, Arizona.
- 2008 Funkhouser E, Levine DA, Houston TK, **Gerald JK**, Johnson-Roe NK, Kiefe CI. Recruitment into a Nationwide Group Randomized Trial of CBOCs: The VA MI- Plus Study. Presented at 2008 VA HSR&D Meeting. Washington, DC.
- 2007 **Gerald JK**, Houston TK; Funkhouser E; Levine DA; Tipton EF; Kiefe CI. Geographic Variation in Performance Measures across Primary Care Clinics: The VA MI Plus Study. Oral Presentation at 2007 Academy Health Annual Research Meeting. Orlando, FL.
- 2006 Funkhouser E, Levine DA, Houston TK, **Gerald JK**, Johnson-Roe NK, Kiefe CI. Recruitment into a Nationwide Group Randomized Trial of CBOCs: The VA MI- Plus Study. Presented at 2008 VA HSR&D Meeting. Washington, DC.
- Tipton EF, Levine DA, **Gerald JK**, Johnson-Roe N, Kirk KA, Keife CI. What Determines the Efficiency of Site Recruitment for a Large Multi-site VA Study? Symposium for Health Quality Improvement, Southern Society of General Internal Medicine. March 4, 2006

SCHOLARLY PRESENTATIONS

INVITED PRESENTATIONS

- 2013 Comparative Effectiveness Research. 13th Annual Training Program in Health Outcomes & Pharmacoeconomic Research. Tucson, Arizona. Sept. 26, 2013.
- Making Cents of the Cost-Effectiveness Literature. Sunrise Seminar. American Thoracic Society International Conference. Philadelphia, PA.
- 2012 Incorporating Cost-Effectiveness Analysis in Comparative Effectiveness Research: Pro/Con Debate. 2012 American Thoracic Society International Conference. San Francisco, California.
- An Economic Perspective of Health Care in the US. Sixth Annual Arizona Asthma Conference. Phoenix, Arizona. Saturday, April 21, 2012. (Keynote speaker)
- 2011 At What Cost? Incorporating Utility Measures in Research. 2011 American Thoracic Society International Conference. Post-graduate course. Denver, Colorado.
- Demonstrating Cost-Effectiveness: A Critical Review of Mobile Health Care. Pediatric Pulmonary Grand Rounds. University of California at Irvine. August 9, 2010.

OTHER PRESENTATIONS AND GUEST LECTURES

- 2019 Build-a-Wall, Medicare-for-All: Two Sides of the Same Coin. The A2DRC BiWeekly Research Update Seminar. University of Arizona. September 27, 2019.
- Build-a-Wall, Medicare-for-All: Two Sides of the Same Coin. Health Law Club. University of Arizona James E. Rogers College of Law. April 1, 2019.
- 2018 The Politics of Health Reform. CPH 617 Advanced Policy Analysis. April 17, 2018.
- The US Health Care System: Challenges and Opportunities. Health Law Club, University of Arizona James E. Rogers College of Law. October 29, 2018.
- The Supervised Asthma Medicine in Schools Study: Pass or Fail? MEZCOPH College-Wide Seminar. September, 12, 2018.
- 2017 The Supervised Asthma Medicine in Schools Study: Pass or Fail? MEZCOPH College-Wide Seminar. September, 12, 2018.

- The Affordable Care Act. CPH 617 Advanced Policy Analysis. March 28, 2017.
- 2016 Epidemiology of Childhood Asthma. EPID 670 Chronic Disease Epidemiology. April 21, 2016.
Political Theories of Government and the Affordable Care Act. CPH 607 Advanced Policy Analysis. March 22, 2016.
The Food and Drug Administration. CPH 450/550 History of Public Health. March 18, 2016.
- 2015 Making Asthma Medications Available Over-the-Counter. Public Health Policy and Management Seminar. College of Public Health, University of Arizona. Sept 2, 2015.
Comparative Effectiveness Research. CPH 675 Clinical Trials. March 10, 2015
Expected Impact of Affordable Care Act. Philip Carter Memorial Clinical Rotation Internship. March 5, 2015.
- 2014 Epidemiology of Childhood Asthma. EPID 670 Chronic Disease Epidemiology. October 22, 2014.
Comparative Effectiveness Research. CPH 675 Clinical Trials. March 11, 2014
Expected Impact of Affordable Care Act. Philip Carter, MD Memorial Clinical Rotation Internship. March 13, 2014.
- 2013 Return on Investment as Economic Technique in Health and Medicine. PHSC 513 Health Technology Assessment. November 5, 2013.
Epidemiology of Childhood Asthma. EPID 670 Chronic Disease Epidemiology. October 22, 2013.
Return on Investment of a Mobile Health Clinic. CPH 609 Interpreting the Public Health Literature. October 4, 2013.
Health Policy. CPH 478 Public Health Nutrition. October 1, 2013.
- 2012 Epidemiology of Childhood Asthma. EPID 670 Chronic Disease Epidemiology. October 2, 2012.
The Affordable Care Act and Its Likely Impact. Cancer Prevention and Control Seminar. Sept 19, 2012.
Disease Prevention and Health Care Cost Savings. ECON 427 Current Topics in Healthcare Economics and Policy. August 30, 2012.
- 2011 Health Outcomes Reporting and Economic Analyses in Childhood Asthma. Arizona Respiratory Center Winter Retreat. January 12, 2011.
Epidemiology of Childhood Asthma. EPID 670: Chronic Disease Epidemiology. Fall 2011.
- 2010 Health Care Reform. Division of Pediatric Pulmonology Education Conference. August 17, 2010.
Cost-Effectiveness and Asthma. Arizona Respiratory Center Research Conference. April 8, 2010
Health Care in the United States. CPH 300 Introduction to Public Health. April 8, 2010.
- 2009 Comparison of the Atkins, Zone, Ornish, and LEARN Diets for Change in Weight and Related Risk Factors Among Overweight Premenopausal Women. JAMA 297(9):99-977. CPH 696J Public Health Policy and Management Seminar. September 2009
Challenges in Asthma Screening. Presented to Pediatric Pulmonary Conference. August 31, 2009
Medical Decision-Making. CPH 574: Public Health Policy and Management guest lecture. April 20, 2009.
- 2007 Cost-Effectiveness of School-Based Asthma Screening. UAB Preventive Medicine Grand Rounds. Oct. 8, 2007
Cost-Effectiveness of School Based Asthma Screening. UAB Pulmonary Grand Rounds. Sept. 13, 2007.

Comparison of the Atkins, Zone, Ornish, and LEARN Diets for Change in Weight and Related Risk Factors Among Overweight Premenopausal Women. JAMA 297(9):99-977. Preventive Medicine Journal Club March 2007.

GRANTS AND CONTRACTS

FEDERAL

- 2017-2023 Investigator **An Asthma Collaboration to Reduce Childhood Asthma Disparities on the Navajo Nation.** 08/15/2017 – 06/30/2023. NHLBI 1U01HL138689. Total Costs = \$8,504,073. Gerald LB and Bender B (Co-PI).
Asthma prevalence among Navajo children is 2 times that of the general population and is fueled by disparities including poverty, environmental pollutants, and minimally accessible healthcare. This project on the Navajo Nation will address these disparities using a community-based intervention targeting healthcare providers, schools, parents, children, and community members.
- 2012-2018 Investigator **The Cost-Effectiveness of School-Based Supervised Asthma Therapy.** 08/10/13 – 4/30/18. NHLBI 1R18HL110858-01A1. Total Costs=\$3,155,975. Gerald, LB (PI)
The proposed project will evaluate the effectiveness and cost-effectiveness of a comprehensive school-based asthma program including supervision of daily asthma medicine. The information gained will help communities determine if such a program could be implemented in their schools to help children with asthma achieve better asthma control.
- 2015 - 2016 Consultant **Coordinated Healthcare Interventions for Childhood Asthma Gaps in Outcomes (CHICAGO) Collaboration II (CHICAGO Collaboration II).** 9/2015 - 9/2016. NHLBI U34 HL130787. Martin, M (PI)
The CHICAGO Collaboration II represents a unique, broad-based consortium that has the expertise, experience, and community partnerships to develop, test, and implement a sustainable model of care that successfully reduces asthma disparities in high-risk minority children in Chicago.
- 2012-2016 Investigator **AsthmaNet** (Arizona Clinical Center). 09/30/09 - 06/30/16. NHLBI U10 HL098122 Martinez, F (PI)
This network award supports clinical trials in adult and childhood asthma and a training core which provides didactic and experiential mentoring for fellows and other trainees in the design and conduct of clinical trials in a network setting.
- 2009 - 2012 Investigator **Effect of a school-based hand sanitizer program in asthma.** 7/1/2007-5/31/2012 NHLBI RO1 HL8972. Total costs: \$2,100,694. Bailey, WC (PI).
Randomized, controlled, community-based trial to evaluate the effectiveness of hand washing, hand sanitizer use, plus hand hygiene education as compared to usual care practices to improve asthma control in 530 children with asthma in 31 elementary schools in a large, suburban school system.
- 2005 - 2007 Investigator **VA MI Plus: web-enhanced guideline implementation for post-MI CBOC patients.** Worker without compensation (WOC). VA Health Services Research and Development office IHD-04-387. Kennedy, JI (PI).
Implementation and evaluation of a national internet-delivered, provider-directed intervention to improve cardiovascular disease management outcomes among post-MI survivors with multiple co-morbidities managed in community-based outpatient clinics (CBOCs) sponsored by the Veterans Administration.

STATE, LOCAL, AND PRIVATE

- 2016-2017 Principal Investigator **Using Meta-Analysis to Examine Responsiveness to Inhaled Corticosteroids among Hispanic Children with Asthma.** 7/1/2016 -- 6/30/2017. University of Arizona Health Sciences Health Data and Analytics Program. Total Costs = \$10,000. Gerald, J (PI)
- This study will use meta-analysis to examine responsiveness to inhaled corticosteroids among Hispanic children with asthma enrolled in CARE (Childhood Asthma Research and Education Network) clinical trials. The hypothesis is that Hispanic children are less responsive than non-Hispanic white children using clinical measures of symptom and exacerbation reduction.
- 2014-2016 Investigator **Effects of Exercise on Asthmatic Response in Obese Adults with Asthma.** 11/01/14 – 10/31/16. Arizona Biomedical Research Grants. Total Costs = \$75,000. Bime, C (PI).
- This study will examine the effect of moderate intensity aerobic exercise on the severity of asthma in obese patients and also evaluate the changes in biomarkers that occur with this intervention.
- 2014-2015 PI **Using Telemedicine in Schools to Facilitate Access to Care among Children with Asthma.** 5/1/2014 – 5/30/2015. Arizona Telemedicine Program Innovations Equipment Grant. Total Costs: \$7500. Gerald, JK (PI).
- This grant funded the purchase of telemedicine equipment and software to enable school-based clinic visits to be conducted remotely. This pilot project will assess the feasibility of using telemedicine to improve access to care among school children with asthma enrolled in the Supervised Asthma Medicine in Schools (SAMS) study.
- 2013-2014 PI **Effects of Exercise on Asthmatic Responses in Obese Adults with Asthma.** 11/15/2013-11/14/2014. Canyon Ranch Center for Prevention and Health Promotion. Total Costs = \$29,752. Gerald, JK (PI)
- This is a feasibility study where we seek to: recruit and retain obese adults with mild-moderate persistent asthma for a study protocol that includes exercise treatment in a community based setting, and to measure changes in obesity-related markers, markers of inflammatory responses, fitness levels, pulmonary function, and asthma control measures after 12-weeks of moderate intensity aerobic exercise.
- 2011 - 2013 Investigator **Inter-professional Fellowship Program in Clinical Outcomes and Comparative Effectiveness Research in Primary Care for Underserved Rural Population.** 03/01/2010-05/30/2013. Arizona Area Health Education Center Program. Total Costs = \$1,704,315. Abraham, Ivo (PI)
- To foster the development of inter-professional research the COCER fellowship program will bring together one junior faculty member from each of four disciplines: medicine, public health, pharmacy, and nursing. The two year faculty development program will provide the education and mentoring needed to establish collaborative research focusing on community-based interventions that improve primary care delivery to underserved urban and rural minority.

2009 - 2011	PI	<p>Automated Detection Strategies Using the Electronic Medical Record. 3/1/2009-3/31/2011. University of Alabama at Birmingham. Total costs: \$73,672. <u>Gerald, JK</u> (PI)</p> <p>To develop and implement an electronic decision rule embedded within the health system's electronic medical record (Cerner Millennium) to detect hospitalized patients at risk of having severe sepsis. Determine the sensitivity, specificity, and predictive value of the rule.</p>
2005 - 2007	Investigator	<p>Improving Early Recognition of Acute Myocardial Infarction in VHA. Veterans Administration HSRD Local Project #01144. <u>Levine, DA</u> (PI).</p> <p>Development, implementation, and evaluation of an intervention designed to decrease inappropriate emergency department discharge of veterans with acute coronary syndrome in a Veterans Affairs Medical Center using computer interpretation of presenting electrocardiogram findings.</p>
1995 - 1996	Investigator	<p>Smoke-Free Families Technical Assistance and Dissemination Project. RWJ Foundation Grant.</p> <p>Identified and collated a national inventory of educational materials and other resources used to support smoking cessation efforts among pregnant women.</p>

PAST AND CURRENT TEACHING RESPONSIBILITIES

MENTEES/DOCTORAL STUDENTS

2018 -	Tawab Saljuqi (DrPH-PHPM). Dissertation Committee Chair.
2016 -	Ana Valencia (DrPH-PHPM). Major Advisor.
2016 -	Gerald Fletcher (DrPH-PHPM). Major Advisor. Comprehensive Examination Chair.
2015 -	Preshit Ambade (DrPH-PHPM). Major Advisor. Comprehensive Examination Chair. Dissertation Committee Chair.
2018 - 2019	Ashley Lowe (MSPH-HPS). Thesis Committee Member. April 2019. <u>The Implementation and Evaluation of a County-Wide Stock Inhaler for Schools Program in Pima County, Arizona.</u>
2014 - 2018	Benjamin Brady (DrPH-PHPM). Major Advisor. Comprehensive Examination Chair, Dissertation Committee Chair. July 2018. <u>Smoking Cessation Strategies and Policy Recommendations: Harm Reduction, Electronic Cigarettes, and Abstinence Goal Setting.</u>
2012 - 2017	Joni Dean (DrPH-PHPM). Major Advisor. Comprehensive Examination Committee Chair. Dissertation Committee Chair (withdrew ABD).
2012 - 2016	Hong Chartrand (DrPH-PHPM). Comprehensive Examination Chair.
2015 - 2016	David Salafsky (DrPH-PHPM). Comprehensive Examination Committee.
2015 - 2016	Alejandra Gabriel (DrPH-PHPM). Major Advisor.
2012 - 2016	Yuda Chongpin (PhD-Epidemiology) Dissertation Committee. May 2016. <u>Depression, Perceived Financial Burden, and Psychological Well-Being among Long-Term Rectal Cancer Survivors.</u>
2013 - 2015	Mahdi Gharaibeh (PhD-Pharmacoeconomics). PhD Minor Advisor. Comprehensive Examination Committee. Completed Minor May 2015.

- 2009 - 2015 **Ana Celia Hernandez-Martinez** (DrPH-Policy & Mgt). Major Advisor. Comprehensive Examination Chair. Dissertation Committee Chair. Completed May 2015. Do You Speak "Doctor?" A Communication Skills Training Tool for Hispanic Patients.
- 2011 - 2013 **Thomas Nuno** (Post-doctoral fellow): The Clinical Outcomes and Comparative Effectiveness Research Program. Completed May 2013.

COURSES TAUGHT AT MEL AND ENID ZUCKERMAN COLLEGE OF PUBLIC HEALTH

*DENOTES NEW COURSE DEVELOPMENT

***Interpreting the Public Health Literature** (CPH 609 / HPS 609): Seminar designed for doctoral and graduate students. Emphasis is placed on how to critically review peer-reviewed articles in public health. (1 hour)

***Health Economics and Policy** (CPH 407/507): Health policy is examined from an economic perspective. Basic economic theories and their relationships to the structure and function of the US health care system are explored. Alternative health care systems and health care reforms are also evaluated. (3 hours)

Public Health Communications (CPH 642): Emphasizes effective communication with public health stakeholders including students, scientists, media, community leaders and the public. Also considers future faculty role including course planning, classroom teaching, student assessment and mentoring. (3 hours)

***Health Care in the US** (CPH/PHPM 310 and PHPM 510): Course describes the structure and function of the various private and public health care entities within the US. Strengths and weaknesses related to cost, quality and access are analyzed. Basic economic theories that drive financing are also considered. (3 hours)

***School-Based Asthma Research** (CPH 459/559): This course supported a school-based asthma research grant (1R18HL110858-01A1). Students were trained to interview elementary school children regarding their asthma-related health status and participated in our quarterly data collection events at TUSD schools.

***Open Airways in Schools** (CPH 459/559): This special topics course supported our school-based asthma research grant (1R18HL110858-01A1). Students were trained to provide the award winning Open Airways in Schools educational program to elementary school children at TUSD schools.

COURSE ENROLLMENT BY SEMESTER 2016 - PRESENT

	F16	S17	F17	S18	F18	S19	F19	S20	F20	S21	F21	S22	F22	S23
PHPM 310	206	207	188	130	207	145	182	134						
PHPM 510					12		11							
HPS 609		9		3		5		7						

COURSE ENROLLMENT BY SEMESTER 2009 - 2016

	F09	S10	F10	S11	F11	S12	F12	S13	F13	S14	F14	S15	F15	S16
CPH 310	41		88		123		122	122	217	216	205	224	209	225
CPH 407-507				26		27								
CPH 459-02											16	12	12	
CPH 459-03											6	19	9	9
CPH 609		9	16	20	14	14								
CPH 642	8		6											

JEFFERSON STATE COMMUNITY COLLEGE

Human Anatomy and Physiology I: A 4 semester hour lecture and laboratory course offered at the undergraduate level. Focus on cell biology, genetics, musculoskeletal, nervous, and integumentary systems.

UAB SURGICAL PHYSICIAN ASSISTANT PROGRAM

*DENOTES NEW COURSE DEVELOPMENT

***Medical Communications (SA 300):** A 2 semester hour lecture and laboratory course covering medical history taking, communications skills, and medical decision making.

***Electrocardiography (SA 314):** A 2 semester hour lecture course covering the interpretation of the 12-Lead electrocardiogram including rhythm, axis, enlargement/ hypertrophy, conduction abnormalities, and ischemia.

Medical History and Physical Evaluation I and II (SA 321/322): Two 3 semester hour lecture/lab courses providing instruction in physical examination and medical decision making using case studies illustrating common, important disease processes associated.

***Laboratory Diagnosis/Hematology (SA 323):** A 3 semester hour course that prepares students to interpret common laboratory tests such as the complete blood count, serum electrolytes, liver function tests, coagulation studies, arterial blood gases, and fluid aspirates.

Senior Seminar I, II, III, IV (SA 420-423): A series of four, 2 semester hour courses offered to clinical students covering clinical topics in internal medicine, pediatrics, obstetrics and gynecology, nephrology, and infectious disease.

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

American Thoracic Society (2009-present)