

COLLEGE OF PUBLIC HEALTH CURRICULUM VITAE

George L. Wehby, PHD

September 16, 2016

I. EDUCATIONAL AND PROFESSIONAL HISTORY

A. Education

<u>Institution</u>	<u>Field of Study</u>	<u>Degree Obtained</u>	<u>Degree Date</u>
American University of Beirut, Beirut, Lebanon	Biology	BS	1998
American University of Beirut, Beirut, Lebanon	Public Health / Health Services Administration	MPH	2000
University of Iowa, Iowa City, Iowa	Health Management & Policy / Health Economics	PhD	2006

B. Professional and Academic Positions

<u>Position Title</u>	<u>Dates of Service</u>	<u>Location/Institution</u>
Graduate Research Assistant	1998-1999	American University of Beirut, Beirut
Administrative Resident (Hospital Administration)	1999-2000	Makassed General Hospital, Beirut
Director	2000	Al-Hayat Hospital, Beirut
System Analyst	2001	Saint George Hospital, Beirut
Graduate Research Assistant	2001-2002	College of Public Health, Department of Health Management and Policy, University of Iowa, Iowa City, Iowa
Graduate Research Assistant	2002-2006	Carver College of Medicine, Department of Pediatrics, University of Iowa, Iowa City, Iowa
Postdoctoral Research Scholar	2006-2007	Carver College of Medicine, Department of Pediatrics, University of Iowa, Iowa City, Iowa
Adjunct Lecturer	2007-2008	College of Public Health, Department of Health Management and Policy, University of Iowa, Iowa City, Iowa

<u>Position Title</u>	<u>Dates of Service</u>	<u>Location/Institution</u>
Assistant Research Scientist	2007-2008	Carver College of Medicine, Department of Pediatrics, University of Iowa, Iowa City, Iowa
Assistant Professor	2008-2012	College of Public Health, Department of Health Management and Policy, University of Iowa, Iowa City, Iowa
Adjunct Assistant Professor	2010-2013	Gillings School of Global Public Health, Department of Maternal and Child Health, University of North Carolina, Chapel Hill, North Carolina
Associate Professor (with Tenure)	2012-2017	College of Public Health, Department of Health Management and Policy, University of Iowa, Iowa City, Iowa
Associate Professor (Secondary Appointment)	2013-Present	College of Business, Department of Economics, University of Iowa, Iowa City, Iowa
Associate Professor (Secondary Appointment)	2013-Present	Public Policy Center, University of Iowa, Iowa City, Iowa
Adjunct Associate Professor	2013-2016	Gillings School of Global Public Health, Department of Maternal and Child Health, University of North Carolina, Chapel Hill, North Carolina
Research Associate	2013-Present	National Bureau of Economic Research, Health Economics Program, Cambridge, Massachusetts
Associate Professor (Secondary Appointment)	2014-Present	College of Dentistry, Department of Preventive and Community Dentistry, University of Iowa, Iowa City, Iowa
PhD Program Deputy Director	2014	College of Public Health, Department of Health Management and Policy, University of Iowa, Iowa City, Iowa
PhD Program Director	2015-Present	College of Public Health, Department of Health Management and Policy, University of Iowa, Iowa City, Iowa
Professor (with Tenure)	2017-Present	College of Public Health, Department of Health Management and Policy, University of Iowa, Iowa City, Iowa

C. Honors, Awards, Recognitions, Outstanding Achievements

<u>Year</u>	<u>Title</u>
2004	Research Week Poster Award, Graduate Student Poster Session, Carver College of Medicine/College of Public Health/VA Medical Center, University of Iowa
2005	T. Anne Cleary International Dissertation Research Fellowship, Graduate College, University of Iowa
2006	Alpha Phi Chapter, Delta Omega Honorary Society in Public Health
2008	NIH Travel Scholarship to attend the NIH Summit on “The Science of Eliminating Health Disparities”
2009	College of Public Health-Carver College of Medicine New Investigator Research Award, University of Iowa
2012	University of Iowa College of Public Health Outstanding Alumni Award
2012	John D. Thompson Prize for Young Investigators (Association of University Programs in Health Administration)
2013	University of Iowa College of Public Health Teaching Award
2013-Present	Associate Editor, Economics and Human Biology
2015-Present	Chartered Member, NIH Social Sciences and Population Studies Study Section (SSPB)

II. TEACHING

A. Teaching Assignments on a semester-by-semester basis (*classroom, seminar, teaching lab*)

1. University of Iowa

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Spring 2007	174:212 Health Economics I	3	29	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Summer 2007	003:420 Molecular Genetics and Human Speech, Hearing and Language Disorders	2	17	Guest Lecturer	
Fall 2007	050:162 Foundations of Clinical Practice I	5	148	Guest Lecturer	2.3%
Fall 2007	06:113 Health Economics	3	71	Primary Instructor	100%
Spring 2008	050:286 Introduction to US Healthcare System	1	13	Guest Lecturer	
Spring 2008	174:212 Health Economics I	3	31	Primary Instructor	100%
Fall 2008	050:162 Foundations of Clinical Practice I	5	149	Guest Lecturer	4.8%
Fall 2008	174:260 PhD Independent Research	1	1	Primary Instructor	100%
Spring 2009	174:212 Health Economics I	3	32	Primary Instructor	100%
Spring 2009	174:262 Analytic Issues in Health Services Research II	3	8	Primary Instructor	33%
Spring 2009	96:266 Advanced Case Management	3	26	Guest Lecturer	
Fall 2009	050:162 Foundations of Clinical Practice I	5	148	Guest Lecturer	4.8%
Fall 2009	174:257 PhD Guided Research	2	1	Primary Instructor	100%
Fall 2009	174:280 Independent Study and Research	3	1	Primary Instructor	100%
Spring 2010	174:212 Health Economics I	3	34	Primary Instructor	100%
Spring 2010	174:260 PhD Independent Research	2	1	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2010	174:213 Advanced Health Economics II	3	8	Primary Instructor	50%
Fall 2010	174:257 PhD Guided Research	1	1	Primary Instructor	100%
Spring 2011	174:212 Health Economics I	3	34	Primary Instructor	100%
Spring 2011	174:257 PhD Guided Research	2	2	Primary Instructor	100%
Spring 2011	174:260 PhD Independent Research (174:260)	3	1	Primary Instructor	100%
Spring 2012	174:212 Health Economics I	3	36	Primary Instructor	100%
Spring 2012	PhD Dissertation (174:285)	2/3	2	Primary Instructor	100%
Spring 2012	Independent Study and Research (174:280)	1	1	Primary Instructor	100%
Spring 2012	Principles of Oral Epidemiology (111:204)	2	3	Guest Lecturer	1 Lecture
Fall 2012	PhD Dissertation (174:285)	3	1	Primary Instructor	100%
Spring 2013	Preventive Programs in Dental Public Health (111:206)	2	5	Guest Lecturer	1 Lecture
Spring 2013	Analytic Issues in Health Services Research II (174:262)	3	8	Guest Lecturer	2 Lectures
Spring 2013	PhD Dissertation (174:285)	3	1	Primary Instructor	100%
Spring 2013	174:212 Health Economics I	3	35	Primary Instructor	100%

University of Iowa, Dept of Health Mgmt & Policy, College of Public Health CV
George Wehby, PhD

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2013	PhD Dissertation (174:285)	3	1	Primary Instructor	100%
Spring 2014	174:212 Health Economics I	3	34	Primary Instructor	100%
Spring 2014	PhD Dissertation (174:285)	3	1	Primary Instructor	100%
Spring 2014	Principles of Oral Epidemiology (111:204)	2	6	Guest Lecturer	1 Lecture
Summer 2014	PhD Dissertation (174:285)	3	1	Primary Instructor	100%
Fall 2014	PhD Dissertation (174:285)	3	1	Primary Instructor	100%
Summer 2014	PhD Dissertation (174:285)	3	1	Primary Instructor	100%
Fall 2014	Analytic Issues in Health Services Research I (174:261)	3	8	Primary Instructor	100%
Fall 2014	PhD Dissertation (174:285)	3	1	Primary Instructor	100%
Spring 2015	174:212 Health Economics I	3	33	Primary Instructor	100%
Spring 2015	DPH: 5006 Preventive Programs in Dental Public Health (111:206)	2	7	Guest Lecturer	1 Lecture
Fall 2015	CBH:5305 Evaluation I: Approaches and Application	3	17	Guest Lecturer	1 Lecture
Spring 2016	HMP:5410:0100 Health Economics I (174:212)	3	24	Primary Instructor	100%
Spring 2016	HMP:5410:0EXW Health Economics I	3	11	Primary Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Spring 2016	DPH:6004:0001 Principles of Oral Epidemiology	2	7	Guest Lecturer	1 Lecture
Fall 2016	HMP:7960 Analytic Issues in Health Services Research I (174:261)	3	8	Primary Instructor	100%
Spring 2017	DPH: 5006 Preventive Programs in Dental Public Health	2	7	Guest Lecturer	1 Lecture
Spring 2017	HMP:5410:0100 Health Economics I (174:212)	3	32	Primary Instructor	100%
Spring 2017	HMP:5410:0EXW Health Economics I	3	8	Primary Instructor	100%
Fall 2017	HMP:6850:4992 Independent Study and Research	1	1	Primary Instructor	100%
Spring 2018	DPH:6004:0001 Principles of Oral Epidemiology	2	7	Guest Lecturer	1 Lecture
Spring 2018	CBH:6410:0001 Special Topics: Advanced Interventions Research	3	6	Guest Lecturer	1 Lecture
Spring 2018	HMP:5410:0100 Health Economics I (174:212)	3	32	Primary Instructor	100%
Spring 2018	HMP:5410:0EXW Health Economics I	3	12	Primary Instructor	100%

B. Students Advised

Graduate Students

<u>Name</u>	<u>Field or Major</u>	<u>Degree Objective</u>	<u>Role</u>
Amendola, Alison	Health Management and Policy	MHA, Completed	Primary Advisor
Bin Abdul Baten, Redwan	Health Management and Policy	PhD, In Process	Primary Advisor
Brunner Luce, Christine	Health Management and Policy	PhD, Withdrawn	Co-Mentor Advisor
Carroll, Colin	Health Management and Policy	MHA, In Process	Primary Advisor
Corbeil, John	Health Management and Policy	MHA, Completed	Primary Advisor
Corbeil, Mark	Health Management and Policy	MHA, Completed	Primary Advisor
Dekoltz, Nicole	Health Management and Policy	MHA, Completed	Primary Advisor
Droste, Suzanne	Health Management and Policy	MHA/MBA, Completed	Primary Advisor
Everett, T.K.	Health Management and Policy	MHA, Completed	Primary Advisor
Hendrick, Matthew	Health Management and Policy	MHA/MBA, Completed	Primary Advisor
Herreno, Carol Guarnizo	Health Services and Policy	PhD, Transferred	Primary Advisor
Jukkala, Eric	Health Management and Policy	MHA, Completed	Primary Advisor
Kalloor, Emil	Health Management and Policy	MHA, Completed	Primary Advisor
Kasowski, Gina	Health Management and Policy	MHA, Completed	Primary Advisor
Kim, Joseph	Health Management and Policy	MHA, Completed	Primary Advisor
Kim, Yeunkyung	Health Services and Policy	PhD, Transferred	Co-Mentor Advisor
Kingsley, Kyle	Health Services and Policy	PhD, Withdrawn	Co-Mentor Advisor
Kueter, Ellie	Health Management and Policy	MHA, In Process	Primary Advisor
Lackos, Alexandra	Health Management and Policy	MHA, Completed	Primary Advisor
Lampman, Michelle	Health Management and Policy	PhD, Completed	Co-Mentor Advisor
Lee, MinJee	Health Services and Policy	PhD, Withdrawn	Primary Advisor
Lehman, Riley	Health Management and Policy	MHA, Completed	Primary Advisor
Lentsch, Danielle	Health Management	MHA, Completed	Primary Advisor

Leshner, Jared	and Policy Health Management and Policy	MHA, Completed	Primary Advisor
Lyu, Wei	Health Services and Policy	PhD, In Process	Primary Advisor
Martin, Jessica	Health Services and Policy	PhD, Withdrawn	Co-Mentor Advisor
McDonald, Justin	Health Management and Policy	MHA, Completed	Primary Advisor
Nganga, Lawrence John	Health Services and Policy	PhD, Withdrawn	Primary Advisor
Nice, AJ	Health Management and Policy	MHA, Completed	Primary Advisor
Nyarko, Kwame	Health Services and Policy	PhD, Completed	Primary Advisor
Ogden, Kimberly	Health Management and Policy	MHA, In Process	Primary Advisor
Pirello, Anthony	Health Services and Policy	PhD, Withdrawn	Co-Mentor Advisor
Patel, Khusbu	Health Management and Policy	MHA, Completed	Primary Advisor
Pedersen, Dorthe Almind	Epidemiology (University of Southern Denmark)	PhD, In Progress	Co-Supervisor
Prater, Kaitlin	Health Services and Policy	PhD, Withdrawn	Primary Advisor
Qasim, Mehwish	Health Services and Policy	PhD, In Process	Co-Mentor Advisor
Qian, Haobing	Health Services and Policy	PhD, In Process	Primary Advisor
Reddy, Varun	Health Management and Policy	MHA/MBA, Completed	Primary Advisor
Richey, Jared	Health Management and Policy	MHA, Completed	Primary Advisor
Ricker, Lucas	Health Management and Policy	MHA, Completed	Primary Advisor
Sidhu, Shanana	Health Services and Policy	PhD, Withdrawn	Primary Advisor
Sievertson, Meghan	Health Management and Policy	MHA/MBA, Completed	Primary Advisor
Stetson, Cory	Health Management and Policy	MHA, Completed	Primary Advisor
Titarenko, Vladimir	Health Management and Policy	MHA, Completed	Primary Advisor
Vartak, Smruti	Health Management and Policy	PhD, Completed	Co-Mentor Advisor
Wallace, Paige	Health Management and Policy	MHA, Completed	Primary Advisor
Willis, Mark	Health Management and Policy	MHA, Completed	Primary Advisor

Dissertations/Thesis

<u>Name</u>	<u>Field or Major</u>	<u>Degree Objective</u>	<u>Role</u>
Ahuja, Vinti	Dental Public Health	MS, Completed	Dissertation Committee Member
Boghossian, Nansi	Health Management and Policy	PhD, Completed	Dissertation Committee Member
Nyarko, Kwame	Health Services and Policy	PhD, Completed	Dissertation Committee Chair
Obrizan, Maksym	Economics	PhD, Completed	Dissertation Committee Member
O'Sullivan, Cormac	Health Management and Policy	PhD, Completed	Dissertation Committee Member
Pedersen, Dorthe Almind	Epidemiology (University of Southern Denmark)	PhD, In Progress	Dissertation Committee Member
Queiros, Fernanda	PhD (UNC Chapel Hill)	PhD, Completed	Dissertation Committee Member
Souza Gomes da Fontoura, Clarissa	Oral Sciences	PhD, In Progress	Dissertation Committee Member
Tang, Yuexin	Pharmacy Practice and Science	PhD, Completed	Dissertation Committee Member
Vartak, Smruti	Health Management and Policy	PhD, Completed	Dissertation Committee Member

C. Other Advising/Mentoring

<u>Name</u>	<u>Field or Major</u>	<u>Degree Objective</u>	<u>Role</u>
Butali, Azeez	Genetics/Epidemiology	Postdoctoral Scholarship funded by Pathway-to- Independence (K99- R00) NIH grant, Completed	Co-Mentor
Brown, Ezequiel	Medicine	Medical Student Summer Research Project, Completed	Mentor
Buxo Martinez, Carmen	Genetics/Public Health	Postdoctoral Scholarship funded by K99-R00 grant, Completed	Co-Mentor
Hatch, Cory	Dentistry	Dental Student Summer Research Project, Completed	Co-Mentor

Leslie, Elizabeth	Genetics	Postdoctoral Scholarship funded by K99-R00 grant, Completed	Co-Mentor
Mann, Paul	Pediatrics, Neonatology	Fellow in Neonatology, Completed	Member of fellowship oversight committee
Pawluk, Mariela	Infant Health Outcomes Research	Postdoctoral Scholar [National Council for Scientific Research (CONICET) in Argentina], In Progress	Co-Mentor
Wilson, Eric	Medicine	Medical Student Summer Research Project, Completed	Mentor
Woodhouse, Cristina	Medicine	Medical Student Summer Research Project, Completed	Mentor
Wright, Peter	Dentistry	Dental Student Summer Research Project, Completed	Co-Mentor

III. SCHOLARSHIP

A. Publications or Creative Works

1. Peer-Reviewed Papers

1. Wehby GL, Castilla EE, Goco N, Rittler M, Cosentino V, Javois L, McCarthy AM, Bobashev G, Litavec S, Dutra G, López-Camelo JS, Orioli IM, Murray JC. Description of the methodology used in an ongoing pediatric care interventional study of children born with cleft lip and palate in South America. *BMC Pediatrics*. 2006. 6:9.
2. Wehby GL, Ohsfeldt RL, Murray JC. Health Professionals' Assessment of Health Related Quality of Life Values for Oral Clefting by Age Using a Visual Analogue Scale Method. *Cleft Palate-Craniofacial Journal*. 2006; 43:383-91.
3. Wehby GL and Ohsfeldt RL. The impact of having a young child with disabilities on maternal labor supply by race and marital status. *Journal of Health and Human Services Administration*. 2007; 30:327-351.
4. Wehby GL and Murray JC. The Effects of Prenatal Use of Folic Acid and Other Dietary Supplements on Early Child Development. *Maternal and Child Health Journal*. 2008; 12:180-7.
5. Shi M, Wehby GL, Murray JC. Review on genetic variants and maternal smoking in the etiology of oral clefts and other birth defects. *Birth Defects Research (Part C)*. 2008; 84:16-29.
6. Wehby GL, Ohsfeldt RL, Murray JC. 'Mendelian Randomization' Equals Instrumental Variable Analysis with Genetic Instruments. *Statistics in Medicine*. 2008; 27:2745-9.

7. Wehby GL, Murray JC, Castilla EE, Lopez-Camelo JS, Ohsfeldt RL. "Quantile effects of prenatal care on birth weight in Argentina." *Health Economics*. 2009; 18:1307-21.
8. Wehby GL, Murray JC, Castilla EE, Lopez-Camelo JS, Ohsfeldt RL. Prenatal Care Demand and its Effects on Birth Outcomes by Birth Defect Status in Argentina. *Economics and Human Biology*. 2009; 7: 84-95.
9. Wehby GL, Murray JC, Castilla EE, López-Camelo JS, Ohsfeldt RL. Prenatal Care Utilization and Effectiveness in Brazil. *Health Policy and Planning*. 2009; 24:175-88.
10. Wehby GL, Castilla EE, López-Camelo JS, Murray JC. Predictors of Multivitamin Use during Pregnancy in Brazil. *International Journal of Public Health*. 2009; 54:78-87.
11. Wehby GL and Cassell CH. The Impact of Orofacial Clefts on Quality of Life and Health Care Use and Costs. *Oral Diseases*. 2010; 16:3-10.
12. Wehby GL and Murray JC. Folic Acid and Orofacial Clefts: A Review of the Evidence. *Oral Diseases*. 2010; 16:11–19.
13. Wehby GL, Castilla EE, Lopez-Camelo JS. The Impact of Altitude on Infant Health in South America. *Economics and Human Biology*. 2010; 8:197-211.
14. Jodi Jones, John W. Canady, James Brookes, George L. Wehby, Brian C. Schutte, Jeffrey C. Murray, Martine Dunnwald. Wound Complications Following Cleft Repair in Children with Van der Woude Syndrome. *Journal of Craniofacial Surgery*. 2010; 21:1350-3.
15. Wehby GL, Murray JC, McCarthy AM, Castilla EE. Racial Gaps in Child Health Insurance Coverage in Four South American Countries: The Role of Wealth, Human Capital and Other Household Characteristics. *Health Services Research*. 2011; 46:2119-38.
16. Wehby GL, Fletcher JM, Lehrer SF, Moreno LM, Murray JC, Wilcox A, Lie RT. "A genetic instrumental variables analysis of the effects of maternal smoking during pregnancy on birth weight". *Biodemography and Social Biology*. 2011; 57:3-32.
17. Wehby GL, Prater K, McCarthy AM, Castilla EE, Murray JC. "The impact of maternal smoking during pregnancy on early child neurodevelopment." *Journal of Human Capital*. 2011; 5:207-254.
18. Wehby GL, Jugessur A, Moreno LM, Murray JC, Wilcox A, Lie, RT. "Genes as instruments for studying risk behavior effects: an application to maternal smoking and orofacial clefts." *Health Services and Outcomes Research Methodology*. 2011; 11:54-78.
19. Wehby GL, McCarthy AM, Castilla EE, Murray JC. "The Impact of Household Investments on Early Child Neurodevelopment and on Racial and Socioeconomic Developmental Gaps in South America." *Forum for Health Economics & Policy*. 2011; 14 (Article 11):1-58.
20. Monica Rittler, Viviana Cosentino, Jorge S López-Camelo, Jeffrey C Murray, George Wehby, Eduardo E Castilla. "Associated Anomalies among Infants with Oral Clefts at Birth and during a 1 year Follow-up". *American Journal of Medical Genetics*. 2011; 155A:1588-96.

21. Chakraborty H, Wehby GL, Goco N, Moore J, Kindem M, Felix T, Vila Nova C, Murray JC. "Challenges and Implemented Solutions for the Oral Cleft Prevention Trial in Brazil". *International Journal of Medicine and Public Health*. 2011; 1:9-16.
22. Wehby GL, Castilla EE, Goco Norman, Rittler M, Cosentino V, Javois L, Kindem M, Chakraborty H, Dutra G, López-Camelo JS, Orioli IM, Murray JC. "The Impact of Systematic Pediatric Care on Neonatal Mortality and Hospitalizations of Babies Born with Oral Clefts." *BMC Pediatrics*. 2011; 11(1):121.
23. Wehby GL, Murray JC, Wilcox A, Lie, RT. "Smoking and Body Weight: Evidence using Genetic Instruments." *Economics and Human Biology*. 2012; 10:113-26.
24. Dietz A, Almind Pedersen D, Jacobsen R, Wehby GL, Murray JC, Christensen K. "Risk of Breast Cancer in Families with Cleft Lip and Palate." *Annals of Epidemiology*. 2012; 22:37-42
25. Wehby GL, Tyler M, Lindgren S, Romitti P, Robbins J, Damiano P. "Oral Clefts and Behavioral Health of young Children." *Oral Diseases*. 2012; 18:74-84.
26. Wehby GL, Goco N, Moretti-Ferreira D, Felix T, Richieri-Costa A, Padovani C, Queiros F, Guimaraes CV, Pereira R, Litavec S, Hartwell T, Chakraborty H, Javois L, Murray JC. "Oral Cleft Prevention Program (OCP)" *BMC Pediatrics*. 2012;12:184.
27. Wehby GL, Almind-Pedersen D, Murray JC, Christensen K. "The Long-Term Effects of Birth Defects on Hospital Use – The Case of Oral Clefts." *BMC Health Services Research*. 2012; 12:58.
28. McCarthy AM, Wehby GL, Barrons S, Aylward G, Castilla EE, Murray JC. "The Bayley Infant Neurodevelopmental Screener (BINS): Data from a Sample of South American Infants." *Infant Behavior and Development*. 2012;35(2):280-94.
29. Allareddy V, Ward M, Wehby GL, Konety BR. "The Connection between selective referrals for radical cystectomy and radical prostatectomy and volume-outcome effects: an instrumental variables analysis." *American Journal of Medical Quality*. 2012;27(5):434-40.
30. Nyarko K and Wehby GL. "Residential Segregation and the Health of African-American Infants: Does the Effect Vary by Prevalence?" *Maternal and Child Health Journal*. 2012;16(7):1491-9.
31. Guarnizo Herreno C and Wehby GL. "Explaining racial/ethnic disparities in children's dental health: a decomposition analysis." *American Journal of Public Health*. 2012;102(5):859-66
32. Wehby GL, Castilla EE, Lopez-Camelo Jorge. "Hospital Volume and Mortality of Very Low Birth Weight Infants in South America." *Health Services Research*. 2012;47(4):1502-21.
33. Wehby GL, Ullrich F, and Xie Y. "Very Low Birth Weight Hospital Volume and Mortality – An Instrumental Variables Approach". *Medical Care*. 2012; 50(8):714-21.
34. Guarnizo Herreno C and Wehby GL. "Children's Dental Health, Schooling Performance and Psychosocial Wellbeing". *Journal of Pediatrics*. 2012 Dec;161(6):1153-9.

35. Wehby GL and Courtemanche C. "The Heterogeneity of Cigarette Price Effects on Body Weight". *Journal of Health Economics*. 2012. 31(5):719-29. NBER working paper # w18087.
36. Wehby GL and Yang M. "Depression, Antidepressant Use and Weight Gain". *International Journal of Applied Economics*. 2012;9(2), 1-38.
37. Nyarko K, Lopez-Camelo JS, Castilla EE, Wehby GL. "Does the relationship between prenatal care and birth weight vary by oral clefts? Evidence using South American and United States samples". *Journal of Pediatrics*. 2013;162(1):42-9.
38. Chi D, Momany E, Jones M, Kuthy R, Askelson N, Wehby GL, Damiano P. The relationship between medical well baby visits and first dental checkups for young children in Medicaid. *American Journal of Public Health*. 2013;103(2):347-54
39. Wehby GL and von Hinke Kessler Scholder S. "Genetic Instrumental Variable Studies of Effects of Prenatal Risk Factors". *Biodemography and Social Biology*. 2013;59(1):4-36.
40. Nyarko K, Lopez-Camelo J, Castilla EE, and Wehby GL. "Explaining Racial Disparities in Infant Health in Brazil". *American Journal of Public Health*. 2013;103:1675-84. Also translated into Spanish and published at American Journal of Public Health in volume 105, Supplement 4, pages S563-74.
41. Wehby GL. "Child health insurance and early preventive care in three South American countries." *Health Policy and Planning*. 2013;28(3):328-38.
42. Wehby GL. "Living at higher grounds reduces child neurodevelopment –Evidence from South America". *Journal of Pediatrics*. 2013;162(3):606-611.
43. Wehby GL, Wilcox A, Lie, RT. "The impact of cigarette quitting during pregnancy on other prenatal health behaviors". *Review of Economics of Household*. 2013;11:211–233
44. Vila-Nova C, Wehby GL, Queirós F, Chakraborty H, Félix TM, Goco N, Moore J, Gewehr EV, Lins L, Affonso CMC, Murray JC. "Periconceptional use of folic acid and risk of miscarriage - findings of the Oral Cleft Prevention Program in Brazil". *Journal of Perinatal Medicine*. 2013;16:1-6.
45. Wehby GL and McCarthy AM. "Economic Gradients in Early Child Neurological Development: A Multi-country Study". *Social Science and Medicine*. 2013;78:86-95.
46. Tyler M, Wehby GL, Robbins J, Damiano P. "Separation Anxiety in Children Ages 4 Through 9 with Oral Clefts." *Cleft Palate-Craniofacial Journal*. 2013;50:520-7
47. Wehby GL, Goco N, Felix T, Chakraborty H, Padovani C, Pereira R, De Souza J, Richieri A, Moretti-Ferreira D, Murray JC. "High Dosage Folic Acid Supplementation, Oral Cleft Recurrence and Fetal Growth". *International Journal of Environmental Research and Public Health*. 2013;10(2):590-605.
48. Kuthy R, Golnaz K, Momany E, Askelson N, Jones M, Chi D, Wehby GL, Damiano P. "Factors affecting age at first dental exam for Medicaid-enrolled children seen at Federally Qualified Health Centers". *Pediatric Dentistry*. 2013;35(3):100-6.

49. Kuthy R, Golnaz K, Momany E, Askelson N, Jones M, Chi D, Wehby GL, Damiano P. "Periodicity of dental recall visits for young children first seen in community health centers". *Journal of Public Health Dentistry*. 2013;73(4):271-9.
50. Queiros F, Wehby GL, Vila-Nova C, Silva LP. "Standards of care for patients with orofacial clefts in Brazil". *Journal of Cranio-Maxillary Diseases*. 2013;2;122-129.
51. Chi D, Momany E, Jones M, Kuthy R, Askelson N, Wehby GL, Damiano P. "An Explanatory Model of Factors Related to Well Baby Visits by Age Three Years for Medicaid-Enrolled Infants: A Retrospective Cohort Study." *BMC Pediatrics*. 2013;13:158.
52. Wehby GL. "Child Health Insurance Coverage and Household Activity Toward Child Development in Four South American Countries." *Maternal and Child Health Journal*. 2014;18(4):939-49.
53. Smith B, Nidey N, Miller S, Moreno L, Baum C, Familton G, Wehby GL, Dunwald M. "Digital imaging analysis to assess scar phenotype". *Wound Repair and Regeneration*. 2014;22(2):228-38.
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121. Obrizan M, Wehby GL. "Health Expenditures and Global Inequalities in Longevity". *World Development*. 2018; 101; 28-36.
122. George Wehby, Benjamin Domingue, and Frederic Wolinsky. "Genetic Risks for Chronic Conditions: Implications for Long-Term Wellbeing". *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences*. 2018 Mar 14;73(4):477-483.
123. George Wehby and Wei Lyu. "The Impact of the ACA Medicaid Expansions on Disparities in Health Insurance Coverage by Age, Race/Ethnicity, and Gender". *Health Services Research*. 2018 Apr;53(2):1248-1271.

2. Non-Peer-Reviewed Papers

1. Wolinsky F, Jones MP, Wehby GL. "Gathering data from older adults via proxy respondents: research challenges." *Journal of Comparative Effectiveness Research*, 2012; 1:467-470.
2. Wehby GL. "Advancing and Prioritizing Research on Oral Clefts in Brazil." *Jornal de Pediatria*. 2013;89(2):112-5.

3. Papers under Review

1. Dhaval Dave and Robert Kaestner, and George Wehby. "Publicly Provided Insurance and Ex Ante Moral Hazard: The Case of Medicaid Expansions for Pregnant Women." R&R at *Journal of Population Economics*. NBER working paper # w21049.
2. Patience Ugi, Wei Lyu, and George Wehby. "The Effects of the Patient Protection and Affordable Care Act on Children's Health Coverage". R&R at *Medical Care*.
3. George Wehby, Dhaval Dave and Robert Kaestner. "Effects of the Minimum Wage on Infant Health." Under Review at *American Economic Journal: Economic Policy*. NBER Working paper #22373.
4. George Wehby and Dan Shane "Genetic Variation in Health Insurance Coverage". Under Review at *Health Services Research*.

5. Dan Shane and George Wehby “Mental Well-being of Young Adults Following the ACA Dependent Coverage Mandate”. Under Review at the *Journal of Mental Health Policy and Economics*.
6. Carol Guarnizo Herreno , Charles Coutermanche, and George Wehby. “Effects of contextual economic factors on childhood obesity”. Under Review at the *American Journal of Public Health*.

4. Papers in Preparation

1. George Wehby, Dhaval Dave and Robert Kaestner. “Effects of the Minimum Wage on Long-Term Child Development and Health.” Under Preparation.
2. George Wehby, Dorthe Almind Pedersen, Padmaja Ayyagari, Kaare Christensen. “Long-term Effects of Oral Clefts on Earnings.” Under Preparation.
3. Wei Lyu and George Wehby. “Effects of the Patient Protection and Affordable Care Act Medicaid Expansions on Cancer Screenings: Heterogeneity by Provider Supply”. Under Preparation.
4. George Wehby. “Returns of early dental health prevention” Under Preparation.
5. Guarnizo Herreno C, Courtemanche C, and Wehby GL. “The impact of changing economic factors on the rise of obesity among children in the US”. Under Preparation.
6. Fernando Poletta, Jorge Lopez-Camelo, and George Wehby. “LBW and Stillbirth Prevalence over the Past Three Decades in Multiple South American Countries”. Under Preparation.
7. Wehby GL, Collet B, Barron S, Romitti P, Ansley T. “Academic Achievement of Siblings of Children with Oral Clefts Compared to their Classmates”. Under Preparation.
8. Kwame Nayrko and George Wehby. “The Impact of the Folic Acid Fortification Mandate on Child Development”. Under Preparation.
9. Yuexin Tang, George Wehby. “Effects of Women's Health and Cancer Rights Act on Mastectomy Use among Early-Stage Breast Cancer Patients.” Under Preparation.

5. Book Chapters

George L. Wehby. How Genetics Can Inform Health Economics. In *The Oxford Handbook of Economics and Human Biology*. Edited by John Komlos and Inas Rashad Kelly. 2016.

6. Electronic Publications

1. Wehby GL (2012). Reviewing the role of prenatal care in infant health: Effectiveness versus efficacy studies. *Pediatrics*. <http://pediatrics.aappublications.org/cgi/eletters/115/2/S1/519>.
2. Sarah Lewis, Stephanie von Hinke Kessler Scholder, George L Wehby, Luisa Zuccolo. “Drinking during pregnancy and children’s test scores”. *Vox*. <http://www.voxeu.org/article/drinking-during-pregnancy-and-children-s-test-scores>.

3. Charles Courtemanche, Josh Pinkston, Christopher J. Ruhm, George L Wehby. "Changing economic factors and the rise in obesity". *Vox*. <http://www.voxeu.org/article/changing-economic-factors-and-rise-obesity>

7. Abstracts

Wehby GL, Ohsfeldt RL, Murray JC (2003). Cost effectiveness of prenatal genetic and ultrasound screening for Van der Woude syndrome. *Am J Hum Genet*, 73(5):417-417.

B. Areas of Research Interest/Current Projects

- Health economics studies in the area of maternal and child health and human capital accumulation including interplays between children's health and educational attainment.
- Identifying early child health markers for long-term educational achievement including metabolic markers.
- Identifying economic, psychosocial and behavioral determinants of health.
- Examining policy and economic determinants of children's oral health.
- Examining long-run effects of genetic predispositions to chronic conditions on wellbeing and healthcare expenditures.
- Research and Methodological approaches that integrate genetics and social sciences.
- Studying the "causal" effects of risk behaviors on health, human capital and socioeconomic performance using genetic instrumental variable models.
- Evaluating the effects of early parental/household investments and prenatal risk behaviors on child health and development.
- Assessing the effects of early life disease and health problems on long term health, health care use and costs, human capital and quality of life.
- Studying the effects of early preventive dental care use and dental health on academic achievement.
- Identifying and explaining racial and socioeconomic gaps in health, healthcare services use, and healthcare coverage.
- Identifying and explaining inequalities in effects of early life health shocks on subsequent health and human capital accumulation.
- Studying interactions between economic, psychosocial, policy, and genetic determinants of health.
- Economics of disability and birth defects (long-term effects on family resource allocation, fertility decisions, investment in child health).
- Identifying the determinants of the demand for healthcare treatments and of health/risk behaviors.
- Identifying the ex-post and ex-ante moral hazard effects of health insurance coverage.
- Assessing healthcare treatment effectiveness and cost-effectiveness.
- Identifying effects of recent ACA expansions in health insurance coverage on healthcare utilization and expenditures and on health and health behaviors.

C. Grants Received

Active Grants

ACTIVE

R03-DE025044-01A1
NIH/NIDCR

09/01/2016– 08/31/2018
Total: \$321,988

Role: Principal Investigator (Wanchek Co-PI)

Insurance Coverage Policies and Outcomes of Children with Oral Clefts

The study will assess how the generosity of state laws mandating coverage of services needed to treat oral clefts and their complications in private insurance plans and Medicaid programs matters in utilization of care. The study will examine the effects of specific policies that are highly relevant to the healthcare needs of children with oral clefts on use of specific services that are likely to be impacted by these policies capturing both timeliness and frequency of service use.

ACTIVE

R03DE026624A1
NIH/NIDCR

09/01/2017 – 08/31/2019
Total: \$305,000

Role: Principal Investigator

Dental Health and Academic Achievement among Children in Medicaid

The goal of this study is to identify the effects of dental problems and early access to preventive dental care and treatments on children's educational achievement. It will employ unique linkages between the Iowa Medicaid data, birth certificate, and academic achievement outcomes. The study will examine trajectories of academic achievement and employ sibling and classmate comparisons as well as models that only use within-child variation over time.

Pending Grant Applications

PENDING (SCORED AT 24)

R03 DE028041-01
NIH/NIDCR

07/01/2018 – 06/30/2020
Total: \$305,000

Role: Principal Investigator

The Impact of the Recent Medicaid Expansions on Dental Services

This study will examine the effects of the ACA Medicaid expansions on use of dental services among low-income adults using nationally representative data and quasi-experimental designs.

Completed Grants

COMPLETED

1R01DE020895-01
NIH/NIDCR

08/01/2010 – 07/31/2017
Total: \$2,467,816

Role: Principal Investigator

Genetic instrumental variable studies of maternal risk behaviors for oral clefts

This study aims at identifying the causal effects of several maternal risk behaviors including prenatal smoking, alcohol use, and obesity on the risk of the child being born with oral clefts, one of the most common birth defects. The study employs instrumental variable models with genetic risk factors for these behaviors as instruments and provides a framework to study the causal effects of

maternal risk behaviors on other child health outcomes. It also examines gene-environment interactions both in classical models as well as an instrumental variable framework.

COMPLETED

Grand Challenges Explorations 11/01/2014 – 10/31/2016
Bill & Melinda Gates Foundation Total: \$100,000

Role: Principal Investigator

Gestational Age, Metabolic Markers, and Academic Achievement

This study aims at evaluating differences in academic achievement by gestational age and metabolic markers and developing a model to predict long-run academic achievement as a function of early health markers.

COMPLETED

R03-DE025044-01A1 (Shane PI) 09/01/2016 – 02/30/2018
NIH/NIDCR Total: \$228,750

Role: Co-Investigator

National Expansion of Dental Insurance among Young Adults: A Natural Experiment

This study will identify the impacts of private dental coverage on utilization of preventive and curative dental services as well as dental spending. The study will assess the spillover effects of the ACA dependent adult mandate on dental coverage, and employ a quasi-experimental difference-in-differences design to identify the effect of increased coverage on dental service use and cost. The study will also examine heterogeneity in effects across demographic and socioeconomic factors, and evaluate changes in provider specialty.

COMPLETED

1P2PI000659 (PI: Fred Wolinsky) 10/30/2012-12/31/2014
PCORI Total: \$637,901

Role: Co-Investigator

Methodologies to adjust for respondent status effects on health outcomes

The goal of this study was to develop methodologies to account for bias resulting from using proxy reported data in national health surveys, which can be adopted for improving future health surveys including the HOS, CAHPS, BRFSS, and NHIS.

COMPLETED

1R03 DE022094 08/01/2011 – 04/31/2015
NIH/NIDCR Total: \$ 313,638

Role: Principal Investigator

Academic achievement of children and adolescents with oral clefts

The goal of this study was to identify the effects of oral clefts on educational achievement of children and adolescents by retrieving and comparing the Iowa standardized school test scores (overall composite scores as well as specific areas including reading, math, science, language, and vocabulary) of affected individuals to their unaffected siblings and classmates. The study included children with clefts born in 1983-2003 and employed longitudinal models to evaluate changes in

oral cleft effects on educational achievements over age. Analyses were also stratified by baseline socioeconomic and demographic characteristics to identify factors that modify the relationship between oral clefts and educational achievement.

COMPLETED

1R03TW008110 09/01/2010 -08/31/2015

NIH (Fogarty International) Total: \$118,447

Role: Principal Investigator

Analyzing South American data to identify determinants of birth outcomes

The aim of this study was to examine the effects of several demographic, socioeconomic and healthcare utilization factors on infant health outcomes in South America using a unique large dataset from the Latin Collaborative Study of Congenital Anomalies (ECLAMC). The study involved collaborating with Dr. Jorge Lopez-Camelo who was the foreign Co-Investigator on this study.

COMPLETED

U38 DD000868 (PI: Erin Stieber, Operation Smile) 07/01/2012 - 6/30/2015

CDC Total: \$250,000

Role: Co-Investigator/University of Iowa Subcontract PI

Improving Knowledge and Understanding of Appropriate Treatment and Care of Orofacial Clefts and Strategies to Improve Access and Reduce Disparities

The goal of this project was to identify barriers to care for children with oral clefts, improve knowledge of standards of care, and develop recommendations and strategies for improving access to quality care.

COMPLETED

1 U01 DE017958 (PI: Jeff Murray) 09/22/2006 - 03/31/2013

NIH/NIDCR Total: \$4,358,818

Role: Co-Investigator

Oral Cleft Prevention Program

This study was a Randomized Clinical Trial in Brazil to evaluate the effectiveness of high dosage folic acid supplementation on recurrence of cleft lip and palate among high-risk groups. Several secondary maternal and child health outcomes were also studied.

COMPLETED

1R03DE018394-01 08/01/2007 – 07/31/2011

NIH Total: \$295,062

Role: Principal Investigator

Effects of oral clefts on birth outcomes and cleft risks due to maternal smoking

This study aimed at evaluating the impact of cleft lip and palate on birth outcomes and estimating and comparing infant health production functions for infants with and without oral clefts to identify approaches to improve prenatal health practices and health outcomes of affected pregnancies. The study used multi-country data collected in South America by ECLAMC to study these aims.

Another aim was to apply instrumental variable models using smoking and addiction genetic variants as instruments to estimate the “causal” effects of maternal smoking on risks of cleft lip and

palate to improve prenatal counseling practices. Data for this aim were obtained from the Norway Facial Clefts Study.

COMPLETED

1R01DD000295
CDC

09/01/2007 – 08/31/2012
Total: \$1,147,834

Role: Principal Investigator

Health outcomes and improved phenotypic characterization of cleft lip and palate

The study evaluated the effects of cleft lip and palate on long term health, health care utilization and socioeconomic outcomes of affected individuals and their relatives using a unique population-level registry system in Denmark that includes all individuals born since 1936. The study also aimed at identifying the utility of screening for sub-phenotypic characteristics in predicting adverse psychological and economic outcomes among affected individuals and their relatives which has important implications for early screening and diagnosis of at risk individuals. Another aim evaluated the net effects of prenatal diagnosis of oral clefts on child and parent health and quality of life outcomes in order to improve counseling practices.

COMPLETED

1RC1DE020303-01 (PI: Peter Damiano)
NIH

09/25/2009 - 08/31/2012
Total: \$940,370

Role: Co-Investigator

First Preventive Dental Visit: Disparities in Needs, Costs + Behavioral Insights

This study evaluated the demand for early preventive dental visits and the effects of early dental care on future dental and medical care service use. The study utilized enrollment and claims data for children enrolled in Iowa Medicaid. The study also examined the effects of distance to nearest dentist and dentist supply on use of dental services.

D. Presentations

1. Invited Presentations

<u>Year</u>	<u>Title</u>	<u>Organization</u>
2007	Genetic Instrumental Variable Analyses to Evaluate the Effects of Health Behaviors and Risk Factors	National Institute of Environmental Health Sciences, Research Triangle Park, NC
2008	Managed Care and Provider Payment Systems: Effects on productivity, quality and costs	American Medical Student Association. University of Iowa, Iowa City, IA
2008	Health Outcomes and Improved Subphenotypic	CDC, Division of Birth

	Characterization of Cleft Lip and Palate	Defects and Developmental Disabilities, Atlanta GA
2009	Early Child Development in South America: The Role of Race, Socioeconomic Status and Parental Investments	Department of Economics, College of Business and Economics Lehigh University, Bethlehem, PA
2011	Impact of Child Health Problems and Disability on Subsequent Maternal Fertility	National Center for Birth Defects and Developmental Disabilities (NCBDDD), CDC, Atlanta, GA
2011	Long-Term Healthcare and Economic Effects of Oral Clefts	National Center for Birth Defects and Developmental Disabilities (NCBDDD), CDC, Atlanta, GA
2013	Academic achievement of children and adolescents with oral clefts	Center for Medical Education and Clinical Investigations (CEMIC), Buenos Aires, Argentina
2013	An International Consortium for Studying Environmental and Genetic Risk Factors for Oral Clefts	Plenary presentation at the EUROcleftNet research conference, Plovdiv, Bulgaria
2014	Genetic Instrumental Variable Studies of Oral Clefts	University of Bergen, Bergen, Norway
2014	Genetic Variation in Prevention and Use of Health Services	Health Economics Workshop. The Center for Health and the Social Sciences. The University of Chicago, Chicago, IL.
2015	Academic Achievement of Children with Oral Clefts	Plenary presentation at the 1° Jornada de Actualización de Malformaciones Craneofaciales y Musculoesqueléticas,

		Clinica Noel, Medellin, Colombia
2016	Genetic Risks for Chronic Conditions: Implications for Long-Term Wellbeing, Medicare Expenditures, and Heterogeneity in Policy Effects	Department of Health Behavior and Policy Seminar Series, Virginia Commonwealth University
2016	Genetic Instrumental Variables (Mendelian Randomization): Using Genes to Identify Causal Effects	EUROcleftNet Research Conference, University of Dundee, Dundee Scotland

2. Conference Presentations/Posters

<u>Year</u>	<u>Title</u>	<u>Conference</u>
2003	Impact of Having a Young Child with Disabilities on Maternal Labor Supply	International Conference on Health Policy Research, October 17-19, Chicago, IL
2003	Cost-Effectiveness of Prenatal Genetic and Ultrasound Screening for Van der Woude Syndrome	53 rd Annual Meeting of American Society of Human Genetics, Nov 4-8, Los Angeles, CA
2004	Cost-Effectiveness/Utility Analysis of Prenatal Genetic and Ultrasound Screening for Van der Woude Syndrome	61 st Annual Meeting of the American Cleft Palate-Craniofacial Association, Mar 15-20, Chicago, IL
2004	Birth Defects Treatment and Prevention Program: Tertiary Prevention by Systematic Pediatric Care in South America	61 st Annual Meeting of American Cleft Palate-Craniofacial Association, Mar 15-20, Chicago, IL
2005	Assessment of Health Related Quality of Life Values for Oral Clefting by Age Using a Visual Analogue Scale Method	10 th International Congress on Cleft Palate and Related Craniofacial Anomalies, Sept 4-8, Durban, South Africa
2007	The Impact of Isolated Cleft Lip and/or Palate on Birth Outcomes	64 th annual meeting of the American Cleft Palate-Craniofacial Association, Apr 23-28, Broomfield, Co
2007	Randomized Clinical Trials of Folic Acid for	Annual Meeting of

	Prevention of Recurrences of Cleft Lip and Palate	American Cleft Palate Craniofacial Association, Apr 23-28, Broomfield, CO
2007	Prenatal Care Utilization and its Effect on Infant Health in Samples of Normal versus Abnormal Births from South America	Congress of the International Health Economics Association, July 8-11, Copenhagen, Denmark
2007	A Genetic Instrumental Variables Analysis of the Effects of Maternal Smoking on Oral Cleft Risks	Meeting of the American Society of Human Genetics, Oct 23-27, San Diego, CA
2008	The Impact of Systematic Pediatric Care on Neonatal Mortality of Infants Born with Cleft Lip and Palate	65 th annual meeting of the American Cleft Palate-Craniofacial Association, April 14-18 Philadelphia, PA
2008	A genetic instrumental variables analysis of the effects of maternal smoking on birth outcomes	Biennial conference of the American Society of Health Economists, June 22-25, Durham, NC
2009	The impact of systematic pediatric care on neonatal mortality and morbidity risks of oral clefts	4 th International Conference on Birth Defects & Disabilities in the Developing World, October 4-7, New Delhi, India
2010	Heterogeneous Smoking Effects on Body Weight: Evidence using Genetic Instrumental Variables	Integrating Genetics and Social Sciences Conference, June 2-3, University of Colorado, Boulder, CO
2010	Early Child Neurodevelopment in South America: The Role of Parental/Household Investments, Race & Socioeconomic Status	3rd Biennial American Society of Health Economists Conference: Health, Healthcare & Behavior, Cornell University, Ithaca, NY
2010	The Demand for Child Health Insurance in South America and its Impact on Immunization Status and Household Investments in Child Development	3rd Biennial American Society of Health Economists Conference: Health, Healthcare & Behavior, Cornell University, Ithaca, NY

2010	The Impact of Residential Segregation on Racial Disparities in Infant Health	AcademyHealth Annual Research Meeting, Boston, MA
2010	Data Coordinating Center Challenges and Implemented Solutions for the Oral Cleft Prevention Program in Brazil	Annual Meeting of the Society for Clinical Trials Conference, Baltimore, Maryland
2011	Medical Well-Baby Examinations and First Dental Examinations for Medicaid-Enrolled Infants (with Donald Chi and co-authors)	International Association for Dental Research (IADR) meeting, March 16-19, San Diego, California.
2011	Time to First Preventive Dental Visit (FPDV) at Iowa CHCs (with B. Pendharkar and co-authors)	International Association for Dental Research (IADR) meeting, March 16-19, San Diego, California.
2011	First Dental Episode: Preventive and Corrective Services at CHCs (with Raymond Kuthy and co-authors)	International Association for Dental Research (IADR) meeting, March 16-19, San Diego, California.
2011	Orofacial cleft recurrence and fertility behaviors	68 th Annual Meeting of American Cleft Palate Craniofacial Association, April 5-9, San Juan, Puerto Rico,
2011	Cleft lip and palate and birth outcomes	68 th Annual Meeting of American Cleft Palate Craniofacial Association, April 5-9, San Juan, Puerto Rico,
2011	Health Services Research and Orofacial Clefts	68 th Annual Meeting of American Cleft Palate Craniofacial Association, April 5-9, San Juan, Puerto Rico,
2011	Do the effects of prenatal factors on birth outcomes vary by orofacial cleft status? (With Kwame Nyarko)	68 th Annual Meeting of American Cleft Palate Craniofacial Association, April 5-9, San Juan, Puerto Rico,
2011	Impact of Child Health and Disability on Subsequent Maternal Fertility	NBER Health Economics Program Spring Meeting, May 6, Cambridge, MA.
2011	Genetic instrumentation for multiple maternal behavioral effects on infant health using genome-wide association study data	Integrating Genetics and Social Sciences Conference, University of Colorado, May 31-June 1, Boulder, CO

2011	Maternal Risk Behaviors During Pregnancy and Child Development: Evidence Using Genetic Markers (With Stephanie von Hinke Kessler Scholder)	Integrating Genetics and Social Sciences Conference, University of Colorado, May 31-June 1, Boulder, CO
2011	Fetal Structural Shocks and Early Inequalities in Health Capital Accumulation	International Health Economics Association (iHEA) congress, July 11-13, Toronto, Canada
2011	Gene-education Interaction Effects on Health Behaviors	International Health Economics Association (iHEA) congress, July 11-13, Toronto, Canada
2011	Maternal Risk Behaviors During Pregnancy and Child Development: Evidence Using Genetic Markers (With Stephanie von Hinke Kessler Scholder)	International Health Economics Association (iHEA) congress, July 11-13, Toronto, Canada
2011	Do the Effects of Prenatal Care on Infant Health vary by Birth Defects: The Case of Orofacial Clefts. (with Kwame Nyarko)	Academy Health Annual Research Meeting, June 12-14, 2011, Seattle, Washington
2011	Explaining Racial Disparity in Infant Health in Brazil (with Kwame Nyarko)	Academy Health Annual Research Meeting, June 12-14, 2011, Seattle, Washington
2011	Publicly-provided Health Insurance and Health Behavior: The Case of Medicaid Expansions for Pregnant Women (with Dhaval Dave)	Academy Health Annual Research Meeting, June 12-14, 2011, Seattle, Washington
2011	Antidepressant Use and Obesity: A Sibling Fixed-Effect Approach (with Muzhe Yang)	81st annual conference of the Southern Economic Association, November 19-21, Washington, DC
2011	Candidate Gene Effects on Human Craniofacial Variation in Males and Females (with Steven Miller et al.)	The American Society of Human Genetics (ASHG) 61 st annual meeting, October 11-15, Montreal, Canada
2011	Effects on the Craniofacial Morphology of Unaffected Parents of Children with Oral Clefts (with Lina Moreno et al.)	The American Society of Human Genetics (ASHG) 61 st annual meeting, October 11-15, Montreal, Canada
2012	Microesthetic Dental Analysis in Parents of Children with Oral Clefts (with Hoppens et al)	American Association for Dental Research annual meeting, March 21-24, Tampa, FL

2012	The effects of having a child with oral clefts on parental psychosocial status	69 th Annual Meeting of American Cleft Palate Craniofacial Association, April 17-21, San Jose, CA
2012	Genotype-Phenotype correlations on the craniofacial morphology of unaffected parents of children with oral clefts (With Lina Moreno et al)	69 th Annual Meeting of American Cleft Palate Craniofacial Association, April 17-21, San Jose, CA
2012	Long-term Effects of Oral Clefts on Earnings	American Society of Health Economists (ASHECON) 4 th Biennial Conference, Minneapolis, MN
2012	GenexSES Interaction Effects on Health Behaviors	ASHECON 4 th Biennial Conference, Minneapolis, MN
2012	Explaining Racial Disparities in Infant Health in Brazil (with Kwame Nyarko et al.)	ASHECON 4 th Biennial Conference, Minneapolis, MN
2012	Antidepressant Medications and Weight Gain (with Muzhe Yang)	ASHECON 4 th Biennial Conference, Minneapolis, MN
2012	Metagenomic Effects on Human Behavior and Wellbeing	Integrating Genetics and Social Sciences Conference, University of Colorado, August 15-16, Boulder, CO
2012	Returns of early dental health prevention: The case of comprehensive oral evaluation	American Public Health Association 140 th Annual Meeting, Oct 27-31, San Francisco, CA
2012	Role of geographic proximity to dentists in children's access to dental care	American Public Health Association 140 th Annual Meeting, Oct 27-31, San Francisco, CA
2012	Perceived socioeconomic status among young adults with developmental physical disabilities: Findings from a longitudinal study (with Fernanda Queiros and Carolyn Halpern)	American Public Health Association 140 th Annual Meeting, Oct 27-31, San Francisco, CA
2012	Genetic Instrumental Variable Studies of the Effects of Maternal Risk Factors on Oral Clefts	American Society of Human Genetics 62 nd Annual Meeting, Nov 6-10, San Francisco, CA
2012	Genotype-phenotype correlations of facial shape and asymmetry in unaffected relatives of children with non-syndromic cleft lip/palate and controls (with Steve Miller, Lina Moreno, and co-authors)	American Society of Human Genetics 62 nd Annual Meeting, Nov 6-10, San Francisco, CA

2013	Can Changing Economic Incentives Explain the Rise in Obesity? (with Charles Courtemanche and co-authors)	5th Annual Meeting on the Economics of Risky Behaviors (AMERB), April 05-07, 2013, Zurich, Switzerland
2013	Academic achievement of children and adolescents with oral clefts	12 th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, May 5-10, Orlando, FA
2013	Genetic instrumental variable studies of the effects of perinatal risk factors on oral clefts	12 th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, May 5-10, Orlando, FA
2013	Maternal obesity and underweight are both associated with increased risk of oral clefts (with Hebah Kutbi and co-authors)	12 th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, May 5-10, Orlando, FA
2013	Maternal alcohol consumption and the risk of oral clefts: an international consortium study (with Lisa DeRoo and co-authors)	12 th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, May 5-10, Orlando, FA
2013	Subclinical phenotypic features in twin pairs discordant for cleft lip with or without cleft palate (CL/P) (with Margaret Cooper and co-authors)	12 th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, May 5-10, Orlando, FA
2013	Non-right handedness (NRH) in individuals with cleft lip with or without cleft palate (CL/P) and their relatives (with Katherine Neiswanger and co-authors)	12 th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies, May 5-10, Orlando, FA
2013	Health Expenditures and life expectancy around the world: A quantile regression approach (with Maksym Obrizan)	The Economics of Disease conference, May 31-June 2, Darmstadt, Germany,
2013	Publicly Provided Insurance and Ex Ante Moral Hazard: The Case of Medicaid Expansions for Pregnant Women (with Dhaval Dave and Robert Kaestner)	International Health Economics Association (iHEA) 9 th World Congress, July7-10, Sydney, Australia.
2013	The consequences of oral clefts for the academic achievement of children and adolescents	International Health Economics Association (iHEA) 9 th World Congress, July7-10, Sydney, Australia.

2013	Identifying the Causal Effects of Maternal Behaviors and Risk Factors on Having a Child with Oral Clefts: A Genetic Instrumental Variable Approach (with Lina M. Moreno and co-authors)	International Health Economics Association (iHEA) 9 th World Congress, July7-10, Sydney, Australia.
2013	Genetic Influences on Preferences for and Use of Preventive and Medical Care	Integrating Genetics and Social Sciences Conference, University of Colorado, Oct 11-12, Boulder, CO
2013	Publicly-provided Health Insurance and Health Behavior: The Case of Medicaid Expansions for Pregnant Women (with Dhaval Dave and Robert Kaestner)	83rd annual conference of the Southern Economic Association, Nov 23-25, Tampa, FL.
2014	Relationship Between Perceived Facial Attractiveness and 3-Dimensional Facial Shape Components (with Hatch et al.)	American Association for Dental Research (AADR) Annual Meeting, March 19-22, Charlotte, NC
2014	Addressing barriers in access to primary cleft and craniofacial care (with Margot Neufeld and Cynthia Cassell)	71st Annual Meeting of the American Cleft Palate-Craniofacial Association, March 24-29, Indianapolis, IN
2014	Modifiers and trajectories of academic achievement of children and adolescents with oral clefts compared to classmates	71st Annual Meeting of the American Cleft Palate-Craniofacial Association, March 24-29, Indianapolis, IN
2014	Prenatal diagnosis of oral clefts, early life healthcare experiences, and maternal wellbeing (with Nichole Nidey)	71st Annual Meeting of the American Cleft Palate-Craniofacial Association, March 24-29, Indianapolis, IN
2014	Spectrum of dental phenotypes in orofacial clefting (with Howe et al.)	71st Annual Meeting of the American Cleft Palate-Craniofacial Association, March 24-29, Indianapolis, IN
2014	Microesthetic dental analysis in parents of children with oral clefts (with Chloe Hoppens et al.)	71st Annual Meeting of the American Cleft Palate-Craniofacial Association, March 24-29, Indianapolis, IN
2014	Publicly-provided Health Insurance and Ex Ante Moral Hazard: The Case of Medicaid Expansions for Pregnant Women	Fifth Annual Midwest Health Economics Conference (MHEC) May 2- 3, 2014 University of Illinois Urbana-Champaign

2014	Racial Disparities in Birth Outcomes in Multiple South American Countries	ASHECON 5 th Biennial Conference, Los Angeles, CA, June 22-25, 2014
2014	Racial Differences in Early Cognitive and non-Cognitive Neurodevelopment in Brazil (with Antonio Trujillo)	ASHECON 5 th Biennial Conference, Los Angeles, CA, June 22-25, 2014
2014	Do Young Adults Exhibit Moral Hazard Behavior? Evidence from the ACA Dependent Coverage Mandate (with Dane Shane and Padmaja Ayyagari)	ASHECON 5 th Biennial Conference, Los Angeles, CA, June 22-25, 2014
2015	The Impact of the 1998-2002 Great Depression in Argentina on Child and Maternal Health	IZA 7th Annual Meeting on the Economics of Risky Behaviors (AMERB), May 14-16, Izmir, Turkey
2015	The Impact of Medicare Part D on Emergency Department Visits (with Padmaja Ayyagari and Dane Shane)	Academy Health Annual Research Meeting, June 14-16, Minneapolis, MN
2015	Parental Education Gradients in Infant Health in four South American Countries	The 11th International Health Economics Association (iHEA) Congress, July 12-15, 2015, Milan, Italy
IV.		
SER VICE	2015	The Impact of the 1998-2002 Great Depression in Argentina on Child and Maternal Health
		The 11th International Health Economics Association (iHEA) Congress, July 12-15, 2015, Milan, Italy

A. Offices/appointments held in professional organizations

1. Editorships

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2013-Present	Economics and Human Biology	Associate Editor

2. Review Panels

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2009	Special Emphasis Panel - ZDE JH (20), NIH Review Panel	Reviewed secondary data analysis R03 applications for the NIDCR
2009	Special Emphasis Panel/Scientific Review Group - ZDE1 JH (24), NIH Review Panel	Reviewed U01 grant applications for the NIDCR

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2009	Special Emphasis Panel/Scientific Review Group - ZDE1 MH (40) 1, NIH Review Panel	Reviewed secondary data analysis R03 applications for the NIDCR
2010	Special Emphasis Panel; ZDE1 JR 05 R, NIH Review Panel	Reviewed secondary data analysis R03 applications for the NIDCR
2011	Special Emphasis Panel; ZDE1 MH20, NIH Review Panel	Reviewed secondary data analysis R03 applications for the NIDCR
2012	Special Emphasis Panel; ZDE1 JR (03), NIH Review Panel	Reviewed secondary data analysis R03 applications for the NIDCR
2013	Social Science and Population Studies Panel B (SSPB) study section	Grant reviewer
2014	Social Science and Population Studies Panel B (SSPB) study section	Grant reviewer
2014	Robert Wood Johnson Foundation's (RWJF) Special Emphasis Panel to Review Applications for Public Health Services and Systems Research	Panel Chair and grant reviewer
2015	Social Science and Population Studies Panel B (SSPB) study section	Grant reviewer
2015	NIDCR Clinical Trials Special Emphasis Panel, ZDE1 CF (03)	Grant reviewer
2015-2019	NIH Social Science and Population Studies Panel B (SSPB) study section	Chartered member
2018	AHRQ Special Emphasis Panel, ZHS1 HSR-O 01	Grant reviewer

3. Professional Organizations (state and/or national)

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2003	American Society of Human Genetics	Member

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2004	Cleft Palate-Craniofacial Association	Member
2005	Southern Economic Association	Member
2006	Delta Omega Honorary Society in Public Health	LifetimeMember
2006	American Society of Health Economists	Member
2006	International Health Economics Association	Member
2010	American Economic Association	Member

B. Other Professional Service

1. Refereed Manuscripts for the Following Journals

Journal of Health Economics
Health Economics
Forum for Health Economics and Policy
European Journal of Health Economics
Economics and Human Biology
Journal of Policy Analysis and Management
Journal of Human Capital
BMJ
Statistics in Medicine
Statistical Methods in Medical Research
American Journal of Preventive Medicine
American Journal of Public Health
Health Services Research
Medical Care
Social Science and Medicine
Bulletin of the World Health Organization
Pediatrics
The Journal of Pediatrics
Pediatric Research
Jornal de Pediatria
American Journal of Epidemiology
Maternal and Child Health Journal
Journal of Adolescent Health
Nicotine and Tobacco Research
Journal of General Internal Medicine
The Journal of Rural Health
Cleft Palate-Craniofacial Journal
Birth Defects Research

Journal of Dental Research
Journal of Reproductive Medicine
BMC Health Services Research
DNA and Cell Biology

2. Organize Conference, Paper Session, etc.

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2008	Scientific Committee, 2nd Biennial Conference of the American Society of Health Economists (ASHEcon)	Member
2008	Session on "Disparities in Care", 2nd Biennial Conference of ASHEcon	Chair, Discussant
2010	Scientific Committee, 3rd Biennial Conference of ASHEcon	Member
2010	Session on "Childhood Health", 3rd Biennial Conference of ASHEcon	Chair
2011	Scientific Committee, International Health Economics Association (iHEA) Meeting (8th World Congress on Health Economics)	Member
2011	Organized and submitted two sessions that were accepted: "Economics of Child Health" and "Economics and Genetics: New Approaches and Evidence", 8 th iHEA World Congress	Session Organizer
2011	Organized and submitted a session on health services research and orofacial clefts that was accepted and presented at the 68th Annual Meeting of American Cleft Palate Craniofacial Association	Session Organizer
2012	Scientific Committee, 4 th Biennial Conference of the American Society of Health Economists	Member

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2012	Organized two sessions that were accepted at the 4th Biennial Conference of ASHEcon: "Genetics and economics: recent applications and insights" and "New Insights into Determinants and Consequences of Obesity".	Session Organizer
2014	Organized a session that was accepted at the 5th Biennial Conference of ASHEcon: "Racial Disparities in Early Child Health and Development: New Evidence on Prevalence and Mechanisms".	Session Organizer
2015	Organized a session that was accepted at the 11th iHEA World Congress: "Economics of Child and Maternal Health".	Session Organizer

3. State Committees

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2014-Present	DPH Center for Congenital and Inherited Disorders Advisory Committee	Member
2016-Present	Public Health Advisory Council	Member

4. Other Professional Committees

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2008	Scientific Advisory Board of the National Children's Study at Polk County Iowa	Member
2010-2011	Cleft Palate-Craniofacial Association Committee on Healthcare Costs	Member
2013-2014	Cleft Palate-Craniofacial Association Revitalization Taskforce (Research Team)	Member

2014-Present	NIDCR's Appointed Clinical Study Oversight Committee for a funded Clinical Trial	Member
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C. Departmental, Collegiate or University Service

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2008-2012	Department of Health Management and Policy, MHA Taskforce	Member (program evaluation and improvement; curriculum review and restructuring; student competency assessment and updating; applicant interview)
2009	Department of Health Management and Policy, Committee for evaluating and selecting MHA student scholarship applications	Member
2009-2012	Department of Health Management and Policy, PhD Taskforce	Member (program evaluation and improvement; curriculum review and restructuring; applicant interview)
2012-Present	Department of Health Management and Policy, PhD Quality Improvement Committee	Member; committee chair and PhD program director beginning in January 2015 (program evaluation and improvement; curriculum review and restructuring; student competency assessment and updating; applicant interview)
2010-2012	Department of Health Management and Policy, Health Economist Faculty Search Committee	Member (two search committees)
2013-Present	Department of Health Management and Policy Consulting Group (DCG)	Member
2014	Department of Health Management and Policy, Search Committee for Faculty Cluster Hire Position in Aging Mind and Brain initiative	Member
2008-2014	College of Public Health Faculty Council	Member (also a member of the subcommittee in 2011 for developing college-wide mentoring policy)

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2009-2012	College of Public Health Diversity Committee	Member
2010	Committee for the evaluating/rating the poster presentations of the Carver College of Medicine/College of Public Health/VA Medical Center Research Week	Member
2013-2014	College of Public Health Alpha Phi Chapter of the National Delta Omega Public Health Honor Society	Vice President
2014-2015	College of Public Health Alpha Phi Chapter of the National Delta Omega Public Health Honor Society	President
2014-2015	College of Public Health Curricula Innovations Steering Committee Group for Graduate Programs	Member (evaluated curricula of graduate programs and made recommendations for improvement)
2016	College of Public Health Search Committee for Epidemiology DEO	Member
2015-2016	Graduate College Education Taskforce, Health Sciences Subcommittee	Member (Reviewed University PhD programs in health sciences and rate their outcomes and sustainability)
2017-2018	Department of Health Management and Policy, Health Economist Faculty Search Committee	Chair