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Education

PH.D (Health Management and Policy/Health Economics Concentration)

The University of Iowa (Iowa City, USA), Department of Health Management and Policy, May 2006.

M.P.H (Master of Public Health/Concentration in Health Services Administration)

American University of Beirut (Beirut, Lebanon), Department of Health Services Administration, June 2000.

B.S. (Bachelor of Science/Biology)

American University of Beirut (Beirut, Lebanon), June 1998.

Professional and Academic Positions

- July 2012-Present **Associate Professor (with Tenure)**, University of Iowa (Iowa City, IA, USA), Department of Health Management and Policy; Primary Appointment.
- January 2015-Present **Director of PhD Program**, University of Iowa (Iowa City, IA, USA), Department of Health Management and Policy.
- Sep -Dec 2014 **Deputy Director of PhD Program**, University of Iowa (Iowa City, IA, USA), Department of Health Management and Policy.
- July 2013-Present **Associate Professor**, University of Iowa (Iowa City, IA, USA), Department of Economics; Secondary Appointment.
- Sep 2013-Present **Associate Professor**, University of Iowa (Iowa City, IA, USA), Public Policy Center; Secondary Appointment.
- Jan 2014-Present **Associate Professor**, University of Iowa (Iowa City, IA, USA), Department of Preventive and Community Dentistry; Secondary Appointment.
- May 2013-Present **Research Associate**, National Bureau of Economic Research (Cambridge, MA, USA), Health Economics Program.

- April 2013-Present **Adjunct Associate Professor**, University of North Carolina (Chapel Hill, NC, USA), Gillings School of Global Public Health, Department of Maternal and Child Health.
- Feb 2008-June 2012 **Assistant Professor**, University of Iowa (Iowa City, IA, USA), Department of Health Management and Policy.
- Feb 2010-March **Adjunct Assistant Professor**, University of North Carolina (Chapel Hill, NC, USA), Gillings School of Global Public Health, Department of Maternal and Child Health.
- Feb 2007-Jan 2008 **Assistant Research Scientist**, University of Iowa (Iowa City, USA), Department of Pediatrics.
- Jan 2007- Jan 2008 **Adjunct Lecturer**, University of Iowa (Iowa City, USA), Department of Health Management and Policy.
- May 2006-Feb 2007 **Postdoctoral Research Scholar**, University of Iowa (Iowa City, USA), Department of Pediatrics, Postdoc of Dr. Jeff Murray.
- March 2002-May 2006 **Graduate Research Assistant**, University of Iowa (Iowa City, USA), Department of Pediatrics, Assistant to Dr. Jeff Murray.
- August 2001-May 2002 **Graduate Research Assistant**, University of Iowa (Iowa City, USA), Department of Health Management and Policy.
- Feb 2001 – July 2001 **System Analyst**, St. George Hospital (Beirut, Lebanon), Department of “Quality Systems for Healthcare”
- Oct 2000 – Dec 2000 **Director**, Al-Hayat Hospital (Beirut, Lebanon)
- Oct 1999 – June 2000 **Administrative Resident**, Makassed General Hospital (Beirut, Lebanon)
- Oct 1998 – Aug 1999 **Graduate Assistant**, American University of Beirut Department of Health Services Administration (currently Health Management and Policy).

Honors and Awards

- July 2015- **Standing Member, NIH Social Sciences and Population Studies Study Section (SSPB)**
- August 2013- **Associate Editor, Economics and Human Biology**
- May, 2013 **College of Public Health Faculty Teaching Award**
- June, 2012 **2012 John D. Thompson Prize for Young Investigators (AUPHA)**

- May, 2012 **2012 University of Iowa College of Public Health Outstanding Alumni Award**
- December, 2009 **New Investigator Research Award**
2009-2010 College of Public Health-Carver College of Medicine New Investigator Research Award
- December, 2008 **NIH Travel Scholarship**
Awarded a travel scholarship to attend the NIH Summit on “The Science of Eliminating Health Disparities”
- May, 2006 **Delta Omega Honorary Society in Public Health**
Inducted to Alpha Phi Chapter of the Delta Omega Public Health Honor Society.
- May 30, 2005 **T. Anne Cleary International Dissertation Research Fellowship**
Provided by the Graduate College at the University of Iowa to fund international dissertation research.
- Mar 30, 2004 **Research Week 2004 Poster Award**
Recognized for presenting research of the highest caliber at the Carver College of Medicine/College of Public Health/VA Medical Center Research Week.

Publications

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, 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.
 27. 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.
 28. 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.
 29. 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.
 30. 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

31. 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.
32. 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.
33. Guarnizo Herreno C and Wehby GL. "Children's Dental Health, Schooling Performance and Psychosocial Wellbeing". *Journal of Pediatrics*. 2012 Dec;161(6):1153-9.
34. 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 (OCPP). *BMC Pediatrics*. 2012;12:184.
35. Wehby GL and Courtemanche C. "The Heterogeneity of Cigarette Price Effects on Body Weight". *Journal of Health Economics*. 2012. 31(5):719-29.
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.
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.
54. Wehby GL, Nyarko K, Murray J. "Oral Cleft Recurrence Risk and Subsequent Maternal Fertility Preferences and Behavior in Brazil". *Birth Defects Research*. 2014;100:48-56.
55. Wehby GL and Moreno LM. "Oral Clefts and Wellbeing: A Life-long perspective and an Agenda for Comparative Effectiveness Research". *Journal of Comparative Effectiveness Research*. 2014; 31;23-28.
56. Kuthy R, Golnaz K, Momany E, Askelson N, Jones M, Chi D, Wehby GL, Damiano P. "Time until first dental caries for young children first seen in Federally Qualified Health Centers: a retrospective cohort study". *Community Dentistry and Oral Epidemiology*. 2014; 42(4):300-10.
57. Wehby GL, Nyarko K, Lopez-Camelo JS. "Fetal Health Shocks and Early Inequalities in Health Capital Accumulation". *Health Economics*. 2014; 23:69-92.

58. Stephanie von Hinke Kessler Scholder, George L. Wehby, Luisa Zuccolo, Sarah Lewis. "Alcohol Exposure In Utero and Child Academic Achievement". *Economic Journal*. 2014; 124(576): 634–667.
59. Wolinsky F, Jones MP, Ullrich F, Lou Y, Wehby GL. "The Concordance of Survey Reports and Medicare Claims on Demographics, Disease History, Preventative Care, and Health Services Use in Older Adults". *Medical Care*. 2014;52:462-8.
60. Cristina Woodhouse, Jorge Lopez-Camelo, and George Wehby. "The Effect of Prenatal Care on Birth Weight in South America: A multi-Country Study". *PLOS One*. 2014;9(3):e91292.
61. Wehby GL, Collett B, Barron S, Romitti P, Ansley T, Speltz M. "Academic Achievement of Children and Adolescents with Oral Clefts." *Pediatrics*. 2014; 133(5):785-92.
62. Steven F. Miller, Seth M. Weinberg, Nichole Nidey, David Defay, Mary L. Marazita, George L. Wehby, Lina M. Moreno. "Exploratory Genotype-Phenotype Correlations of Facial Form and Asymmetry in Unaffected Relatives of Children with Non-Syndromic Cleft lip and/or Palate". *Journal of Anatomy*. 2014; 224(6):688-709.
63. Wehby GL, Naderi H, Ansley T, Robbins J, Damiano P. "Comparing the visual analogue scale and the pediatric quality of life inventory for measuring health-related quality of life in children with oral clefts." *International Journal of Environmental Research and Public Health*. 2014;11:4280-91.
64. Saaby Pedersen M, Wehby GL, Almind Pedersen D, Christensen K. "Long-term effects of oral clefts on health care utilization: a sibling comparison". *European Journal of Health Economics*. 2014 DOI 10.1007/s10198-014-0612-6
65. Wehby GL. "Breastfeeding and child disability: A comparison of siblings from the United States". *Economics and Human Biology*. 2014; 15:13-22.
66. Guarnizo Herreno C and Wehby GL. "Dentist Supply and Children's Dental Health in the United States". *American Journal of Public Health*. 2014.e1-e7.
67. Collett B, Wehby GL, Barron S, Romitti P, Ansley T, Speltz M. "Academic Achievement in Children with Oral Clefts versus Unaffected Siblings". *Journal of Pediatric Psychology*. 2014;39(7):743-51.
68. Wehby GL, Prater K, Ryckmann K, Kummert C, Murray JC. "Candidate gene study for smoking, alcohol use, and body weight in a sample of pregnant women". *The Journal of Maternal-Fetal & Neonatal Medicine* 2014; July 11: 1-8.
69. Leslie EJ, et al. 2015. "Identification of functional variants for cleft lip with or without cleft palate in or near PAX7, FGFR2, and NOG by targeted sequencing of GWAS loci." *American Journal of Human Genetics*. 2015; 96(3):397-411.

70. Queiros F, Wehby GL, Halpern CT. "Early Life Disabilities and Human Capital Accumulation in Young Adulthood". *Public Health Reports*. 2015; 130: 213-221.
71. George Wehby, Juan Gili, Mariela Pawluk, Eduardo Castilla, Jorge Lopez-Camelo. "Disparities in Birth Weight and Gestational Age by Ethnic Ancestry in South American countries". *International Journal of Public Health*. 2015;60(3):343-51.
72. Ruegg TA, Cooper ME, , Leslie EJ, Ford MD, Wehby GL, Deleyiannis F, Czeizel AE, Hecht JT, Marazita, ML, Weinberg SM. "Ear Infection in Isolated Cleft Lip: Etiological Implications". Forthcoming at *The Cleft Palate-Craniofacial Journal*.
73. Hrishikesh Chakraborty, Kwame Nyarko, Norman Goco, Janet Moore, Danilo Moretti-Ferreira, Jeffrey C. Murray, George L. Wehby. "Folic Acid Fortification and Women's Folate Levels in Selected Communities in Brazil – A First Look". Forthcoming at the *International Journal for Vitamin and Nutrition Research*.
74. Souza Gomes da Fountora C, Miller S, Wehby GL, Amendt B, Holton N, Southard T, Allareddy V, Moreno Uribe LM. "Candidate Gene Analyses of Skeletal Variation in Malocclusion". *Journal of Dental Research*. 2015; 94:913-20.
75. Howe BJ, Cooper ME, Vieira AR, Weinberg SM, Resick J, Nidey N, Wehby GL, Marazita ML, Moreno Uribe LM Spectrum of Dental Phenotypes in Nonsyndromic Orofacial Clefting. *Journal of Dental Research*. 2015; 94:905-12.
76. Wehby GL, Domingue BW, Boardman JD. "Prevention, Use of Health Services, and Genes: Implications of Genetics for Policy Formation". *Journal of Policy Analysis and Management*. 2015; 34(3):519-36.
77. Wolinsky F, Jones MP, Ullrich F, Lou Y, Wehby GL. "Cognitive Function and the Concordance between Survey Reports and Medicare Claims in a Nationally Representative Cohort of Older Adults". *Medical Care*. 2015; 53:455-62.
78. Weinberg SM, Raffensperger ZD, Kesterke MJ, Heike CL, Cunningham ML, Hecht JT, Kau CH, Murray JC, Wehby GL, Moreno LM, Marazita ML. 2015. The 3D Facial Norms Database: Part 1. A web-based craniofacial anthropometric and image repository for the clinical and research community. Forthcoming at *Cleft Palate Craniofac J*.
79. Xie Y, Yuexin Tang, Wehby GL. "Federal Health Coverage Mandates and Healthcare Utilization: The Case of the Women's Health and Cancer Rights Act". Forthcoming at the *Journal of Women's Health*.
80. Wehby GL, Jones MP, Ullrich F, Lou Y, Wolinsky F. "'Does the Relationship of the Proxy-Reporter to the Target Person Affect the Concordance of Survey-Reports and Medicare Claims?'. Forthcoming at *HSR*.
81. Nichole Nidey, Lina M. Moreno, Mary Marazita, George Wehby. "Psychosocial Wellbeing of Parents of Children with Oral Clefts". Forthcoming at *Child: Care, Health & Development*.

Abstracts/Letters/Editorials

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

Wehby GL. "Reviewing the role of prenatal care in infant health: Effectiveness versus efficacy studies". 2005. *Pediatrics*. <http://pediatrics.aappublications.org/cgi/eletters/115/2/S1/519>.

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.

Wehby GL. "Advancing and Prioritizing Research on Oral Clefts in Brazil." *Jornal de Pediatria*. 2013;89(2):112-5.

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>.

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>

Doctoral Thesis

"Prenatal care utilization and its effects on infant health in samples of normal versus abnormal births from South America".

Areas of Research Interest/Current ProjectsAreas of Interest

- Health economics studies in the area of maternal and child health and human capital accumulation.
- Identifying economic, psychosocial and behavioral determinants of health.
- 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 health and economic effects of early preventive dental care use.
- Studying the effects of 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 ACA expansions in health insurance coverage among young adults on healthcare utilization and expenditures and health behaviors.

Presentations

Presentations/Abstracts at Professional/Scientific Conferences

<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 Prevention of Recurrences of Cleft Lip and Palate	Annual Meeting of American Cleft Palate Craniofacial Association, Apr 23-28, Broomfield, CO
2007	Prenatal Care Utilization and its Effect on Infant	Congress of the

	Health in Samples of Normal versus Abnormal Births from South America	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

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| 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

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| 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 |

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| 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. |

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| 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, July 7-10, 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
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

Invited Lectures/Presentations

“Gene-Environment Interaction.” Lecture to students in the Molecular Genetics and Human Speech, Hearing and Language Disorders course (003:420). University of Iowa, Iowa City, IA, 07/03/07.

“Genetic Instrumental Variable Analyses to Evaluate the Effects of Health Behaviors and Risk Factors.” National Institute of Environmental Health Sciences (NIEHS). Research Triangle Park, NC, 10/18/07.

“Introduction to Health Economics: Definitions and Basic Concepts.” Lecture to medical students as part of the Foundations of Clinical Practice course. University of Iowa, Iowa City, IA, 11/07/07 and 11/14/08.

“The value of spending on health care in the US and international comparisons of health spending and outcomes.” Lecture to medical students as part of the Introduction to the US Healthcare System (050:286) course. University of Iowa, Iowa City, IA, 03/03/08.

“Managed Care and Provider Payment Systems: Effects on productivity, quality and costs.” Lecture to the American Medical Student Association. University of Iowa, Iowa City, IA, 04/30/08.

“Health Outcomes and Improved Subphenotypic Characterization of Cleft Lip and Palate.” CDC, Division of Birth Defects and Developmental Disabilities, Atlanta GA, 10/28/08.

“Introduction to Health Economics: Definitions and Basic Concepts.” Lecture to students in the Advanced Case Management course (96:266). University of Iowa, Iowa City, IA, 03/09/09.

“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, 11/06/09.

“Introduction to Health Economics: Definitions and Basic Concepts.” and “U.S. Health Care System Compared to Other Industrialized Countries.” Lecture to medical students as part of the Foundations of Clinical Practice course. University of Iowa, Iowa City, IA, 12/03/09.

“Impact of Child Health Problems and Disability on Subsequent Maternal Fertility.” National Center for Birth Defects and Developmental Disabilities (NCBDDD), CDC, Atlanta, GA, 5/5/2011.

“Long-Term Healthcare and Economic Effects of Oral Clefts.” National Center for Birth Defects and Developmental Disabilities (NCBDDD), CDC, Atlanta, GA, 5/5/2011.

“Academic achievement of children and adolescents with oral clefts.” Center for Medical Education and Clinical Investigations (CEMIC), Buenos Aires, Argentina, 6/27/2013.

“Genetic Variation in Prevention and Use of Health Services”. Health Economics Workshop. The Center for Health and the Social Sciences. The University of Chicago. 01/30/2014.

Research Grant Support

ACTIVE

1R01DE020895-01

NIH/NIDCR

Role: Principal Investigator

08/01/2010 – 07/31/2016

Total: \$2,536,802

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.

George L. Wehby

george-wehby@uiowa.edu; 319-384-3814

ACTIVE

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

This study will study 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 involves collaboration with Dr. Jorge Lopez-Camelo who is the foreign Co-Investigator on this study.

ACTIVE

Grand Challenges Explorations 11/01/14 – 04/30/16
 Bill & Melinda Gates Foundation Total: \$100,000

Role: PI

Gestational Age, Metabolic Markers, and Academic Achievement

This study will evaluate differences in academic achievement by gestational age and metabolic markers and develop a model to predict gestational age based on metabolic markers using population-level data from Iowa.

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

This study will 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 will include affected individuals born 1983-2003 and employ longitudinal models to evaluate changes in oral cleft effects on educational achievements over age. Furthermore, the study will stratify analyses by baseline socioeconomic and demographic characteristics to identify factors that modify the relationship between oral clefts and educational achievement.

ACTIVE

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

This project will 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

1IP2PI000659 (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 is 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

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 supports 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 are 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 aims 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 uses multi-country data collected in South America by ECLAMC to study these aims. Another aim is 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 is obtained from the Norway Facial Clefts Study.

COMPLETED

1R01DD000295 09/01/2007 – 08/31/2012
CDC Total: \$1,147,834

Role: Principal Investigator

Health outcomes and improved phenotypic characterization of cleft lip and palate

The study evaluates 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 aims 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 evaluates 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) 09/25/2009 - 08/31/2012
 NIH Total: \$940,370

Role: Co-Investigator

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

This study evaluates the demand for first preventive dental visits and the effectiveness of this visit on future dental and medical care using Iowa Medicaid datasets. Dr. Wehby is responsible for modeling and estimating the effects of early preventive dental care use on future dental and medical care use and costs.

COMPLETED

1 R18 HS018396-01A1 (PI: Marcia Ward) 2010 – 2013

AHRQ

Role: Co-Investigator

Evaluation of TeamSTEPPS Implementation for Community Hospital Patient Safety

This study is designed to prospectively evaluate in community hospitals the elements of the TeamSTEPPS approach including organizational readiness, culture, training effectiveness, implementation strategies and fidelity, staff behaviors, burden/cost, and outcomes to identify the elements that are most important for success.

Teaching Activities**Courses Taught**

- Health Economics I (174:212): Required course for Masters and PhD students in the Department of Health Management (offered every spring); Spring 2007-Present
- Analytical Issues in Health Services Research I (174:261): Required course for doctoral students in the Department of Health Management and Policy.
- Analytical Issues in Health Services Research II (174:262): Required course for doctoral students in the Department of Health Management and Policy.
- Advanced Health Economics (174:212): Required course for PhD students in the Department of Health Management
- Health Economics (06E:113) in the Department of Economics: Fall 2007

Thesis Committee Member**Completed**

<u>Degree</u>	<u>Department, Institution</u>	<u>Completion Year</u>
PhD	Health Mgmt. & policy, U of Iowa	2014
PhD	Department of Pharmacy Practice and Science	2014
Masters	Department of Preventive & Community Dentistry, U of Iowa	2013
PhD	Maternal and Child Health, UNC	2012
PhD	Epidemiology, U of Iowa	2011
PhD	Health Mgmt. & policy, U of Iowa	2010
PhD	Economics, U of Iowa	2010
PhD	Health Mgmt. & policy, U of Iowa	2008

Student Advising

I have been the primary advisor for several doctoral students and Masters students in the Department of Health Management and Policy. I have also served on a mentorship committee for an MD fellow in the Department of Pediatrics (at the University of Iowa). I have also supervised three medical students in their summer research program and co-supervised two dental students in their summer research program.

Departmental Teaching Committees

Between 2008 and 2012, I have been a member of the quality improvement committee for the MHA program in the Department of Health Management and Policy. I also served between 2012 and 2015 as a member of the quality improvement committee for the PhD program. I am currently the director of the quality improvement committee for the PhD program.

Professional Affiliations

2006- Lifetime Member, Delta Omega Honorary Society in Public Health
 2006- Member, American Society of Health Economists
 2006- Member, International Health Economics Association

Professional Service**Conference planning/ Session organizer**

2008 Member of the Scientific Committee of the 2nd biennial conference of the American Society of Health Economists and chaired and discussed in the session on “Disparities in Care”, June 22-25, 2008, Durham, NC.

2010 Member of the Scientific Committee of the 3rd biennial conference of the American Society of Health Economists and chaired the session on “Childhood Health”, June 20-23, 2010, Ithaca, New York.

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, April 5-9, San Juan, Puerto Rico.

2011 Organized and submitted two sessions that were accepted at the International Economics Association Meeting (8th World Congress on Health Economics), July 10-13, 2011, Toronto, Canada: "Economics of Child Health" and "Economics and Genetics: New Approaches and Evidence"

2012 Organized two sessions that were accepted at the 4th Biennial American Health Economists Association (ASHEcon) Meeting, June 10-13, 2012, Minneapolis, MN: “Genetics and economics: recent applications and insights” and “New Insights into Determinants and Consequences of Obesity”.

2012 Member of the Scientific Committee of the 4th Biennial

- American Health Economists Association (ASHEcon) Meeting, June 10-13, 2012, Minneapolis, MN.
- 2014 Organized a session that was accepted at the 5th Biennial American Health Economists Association (ASHEcon) Meeting, June 22-25, 2014, Los Angeles, CA: “Racial Disparities in Early Child Health and Development: New Evidence on Prevalence and Mechanisms”.
- 2015 Organized a session that was accepted at the 11th International Health Economics Association (iHEA) Congress, July 12-15, 2015, Milan, Italy: “Economics of Child and Maternal Health”.

Grant Review Activity

- Special Emphasis Panel ZDE JH (20), 02/11/09; Reviewed R03 applications for the NIDCR.
- Special Emphasis Panel ZDE1 JH (24), 05/07/09; Reviewed U01 applications for the NIDCR.
- Special Emphasis Panel ZDE MH (40), 10/27/09; reviewed R03 applications for the NIDCR.
- Special Emphasis Panel ZDE1 JR 05 R, 10/27/10; reviewed secondary data analysis R03 applications for the NIDCR.
- Special Emphasis Panel ZDE1 MH20, 06/08/11; reviewed secondary data analysis R03 applications for the NIDCR.
- Special Emphasis Panel ZDE1 JR (03), 10/02/12; reviewed secondary data analysis R03 applications for the NIDCR.
- Social Science and Population Studies Panel B (SSPB) study section, Feb 28-March 1 2013
- Social Science and Population Studies Panel B (SSPB) study section, Dec 18, 2013
- Robert Wood Johnson Foundation’s (RWJF): Public Health Services and Systems Research (Oct 23, 2014)
- Social Science and Population Studies Panel B (SSPB) study section, Feb 26-27, 2015
- NIDCR Clinical Trials Special Emphasis Panel, ZDE1 CF (03), June 11, 2015

Refereed Manuscript 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

Other Service

2008-2014	Member of the College of Public Health Faculty Council (member of the subcommittee in 2011 on developing college-wide mentoring guidelines)
2008-Present	Interview applicants to the PhD program in the Dept. of Health Management and Policy
2008-2012	Interview applicants to the MHA program in the Dept. of Health Management and Policy
2009-2012	College of Public Health Diversity Committee
2009	Member in the committee for selection of student scholarships in the MHA program at the Dept. of Health Mgmt & Policy at the University of Iowa
2010	Member in the committee for the evaluating/rating the poster presentations of the Carver College of Medicine/College of Public Health/VA Medical Center Research Week 2010, University of Iowa
2010-2011	Cleft Palate-Craniofacial Association Committee on Healthcare Costs
2010-2012	Member of the search committee to recruit health economics faculty into the Dept. of Health Mgmt & Policy.
2012-2013	Member of the Revitalization Taskforce (Research Team) of the American Cleft-Palate Craniofacial Association
2013-June 2014	Vice President of Delta Omega Chapter at the University of Iowa College of Public Health
July 2014-June 2015	President of Delta Omega Chapter at the University of Iowa College of Public Health
August 2014-Present	Member of NIDCR's Clinical Study Oversight Committee (CSOC) for the Late Maxillary Protraction and Orthognathic Surgery study.
May-December 2014	Member of the search committee for faculty cluster hire in Aging Mind and Brain initiative
December 2014-Present	Member of the College of Public Health Curricula Innovations Steering Committee Group for Graduate Programs

Statistical/Research Software Skills: SAS, STATA, cost-effectiveness analysis software (TreeAge).