

Lopez-De Fede, Ana

Research Profesor and Associate Director
Institute for Families in Society, Division of Integrated
Health & Policy Research
College of Social Work
University of South Carolina - Columbia

Date of first appointment at USC	1987
Date of present rank at USC	2010
Date of tenure (if applicable)	N/A
Decision Year	N/A

BRIEF CURRICULUM VITAE

Education History

Degree	Field	School	Year
<i>Ph.D.</i>	<i>Health Services Research/Health Policy</i>	Union Institute University (Cincinnati, OH)	2003
<i>M.Ed.</i>	<i>Vocational Rehabilitation Counseling</i>	Teachers College, Columbia University (New York, NY)	1977
<i>M.A.</i>	<i>Counseling Psychology</i>	Teachers College, Columbia University (New York, NY)	1976
<i>B.S.</i>	<i>Psychology</i>	Fordham University, (New York, NY)	1975

Academic Employment History

Year - Year	Position
2018 – Present	Associate Director, USC Institute for Families in Society
2010 - Present	Research Professor, USC Institute for Families in Society
2006 – Present	Affiliated Faculty, Consortium for Latino Immigration Studies at USC
2010 – 2018	Director, Division of Integrated Health & Policy Research (formerly Medicaid Policy Research), Institute for Families in Society
2009 – 2017	Affiliated Faculty, Department of Preventative and Family Medicine, School of Medicine, USC
2009 – 2010	Research Associate Professor, USC Institute for Families in Society
2000 – 2008	Research Associate Professor, USC School of Medicine, Department of Family Medicine
1999 - 2000	Interim Associate Director, USC Institute for Families in Society
1991 – 1999	Research Assistant Professor, USC School of Medicine, Department of Pediatrics
1991 - 1995	Research Assistant Professor and Director, UAP Applied Research Unit, USC School of Medicine and Department of Pediatrics
1987 - 1991	Training Director, USC Child Abuse and Neglect Interdisciplinary Training Project

Honors and Awards

Honor/Award Name	Bestowed by	Year
Recipient, The Avedis Donabedian Healthcare Quality Award, in recognition of outstanding contributions to quality assurance and improvement of health care.	American Public Health Administration	2020
Recipient, University of South Carolina Presidential Coin of Excellence Award. For the "the recent award from the SC Department of HHS in support of her exemplary research on health services delivery systems and wellbeing of all South Carolinians	University of South Carolina	2020
Recipient, AHRQ Certificate of Appreciation for serving as a member of the Healthcare Systems and Value Research (HSVR) Study Section	Andrew B. Bindman, MD, Director, Agency for Healthcare Research and Quality	2016
International Society for Pharmacoeconomics and Outcomes Research Poster Finalist Award: Qureshi, Z., Ball, S., Horner, R., Kreiner, P., López-De Fede, A. , Probst, J., & Bennett, C. (2015, May). Determining patterns of opioid misuse and misprescribing in South Carolina. Available at http://www.ispor.org/RESEARCH_STUDY_DIGEST/details.asp	International Society for Pharmacoeconomics and Outcomes Research	2015
SC HealthViz website, created by USC Institute for Families in Society under contract to SC Department of Health and Human Services, received South Carolina State Library Notable State Document Award for 2015.	South Carolina State Library	2015
University of South Carolina 2014 Breakthrough Leadership in Research Award	University of South Carolina	2014
James E. Clyburn Leader in Public Health and Health Disparities Research Award	University of South Carolina Arnold School of Public Health	2014
Nominee, White House Champion of Change for Public Health and Prevention, Secretary of Health and Human Services	United States Secretary of Health and Human Services	2013
National Tuberculosis Controllers Association (NTCA) Charles DeGraw Advocacy Award for Outstanding Effort or Achievement in Advocating for Increased Support and Recognition of TB Control and Prevention Efforts	National Tuberculosis Controllers Association	2013
Palmetto Patriot Award for Good Citizenship and Exceptional Professional Achievement, Awarded by Lieutenant Governor of South Carolina	Lieutenant Governor of South Carolina	2010

Association of Dominican-American Supervisors and Administrators (ADASA) Award for Contributions in the Field to Enhance the Role of Families with Special Needs Children	Association of Dominican-American Supervisors and Administrators (ADASA)	2005
National Center for HIV, STD, and TB Prevention (NCHSTP) Honor Award for Contributions to Minority Health Programs, Research and Surveillance, External Group (with Muriel Harris)	National Center for HIV, STD, and TB Prevention (NCHSTP)	2004
Maternal and Child Health Special Recognition for Exemplary Service to Mothers and Children in South Carolina, South Carolina Department of Health and Environmental Control	South Carolina Department of Health and Environmental Control	1995

Supervision of Student Research

Post-doctoral Students

Name	Year	Title or Topic
Kellee White, PhD	2013-2016	Hypertension and segregation
Medha [Vyavaharkar] Iyer	2012-2015	Antipsychotics and behavioral health in children

Doctoral Students

Completed

Name	Year	Title or Topic
Sabrina Karim	2021	
		Maternal Depression and SIDS

Masters Students

In Progress

Name	Year	Title or Topic

Completed

Name	Year	Title or Topic
Chloe Ramos Rodriguez	2021	The Impact of Social Determinants of Health on Maternal Diabetes
Kassandra A. Alia	2018	Assessing the implementation of an outcomes-oriented procurement process for mental health and substance abuse services: A case study - Completed

Hoa Nguyen	2018	Parenting and child self-regulation as mechanisms for the relationship of household food insecurity with child dietary behavior - Completed
John E. Stewart	2018	Residential mobility and enrollment churn in a Medicaid population

SCHOLARSHIP AND RESEARCH

Statistical Summary of Scholarly Activities

Activity	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	1999 (Books only)	1998 (Books only)
Books / Chapters in Books	1												1	1
Refereed Journal Articles	6	3	3	2		3	1	1		2	4	1		
Refereed Conference Articles														
Unrefereed Journal Articles								1						
Unrefereed Conference Articles														
Abstracts	5	6	6	1	5		2	1						
Book Reviews														
Invited Presentations	17	21	22	10	9	1 7	2 4	1 0	1 3	6	2	0		
Contributed Presentations														
Seminars (includes webinars)		2		3	3	1	3	1	4					
Proposals (funded) (counting ea year of multi-year funded proposal)	7	5	7	6	1	2	4	3	2	4	2	4		
Proposals (pending) ??					4									
Proposals (not funded) ??				1	2									
Scholarly Exhibits														

Publications

Books

In Print

1. Robinson, J., Bowman, R., Ewing, T., Hanna, J., & Lòpez-De Fede, A. (1999). Building cultural bridges in the classroom: Strategies for educators (2nd ed.). Bloomington, IN: National Education Service.
2. Robinson, J., Bowman, R., Ewing, T., Hanna, J., & Lòpez-De Fede, A. (1997). Building cultural bridges in the classroom: Strategies for educators. Bloomington, IN: National Education Service.

Chapters in Books

1. Motes, P. M., **López-De Fede, A.**, & Heatley, S. B. (2021). Andrew Billingsley: A leader in connecting the university and the community. In C. Jarmon (Ed.), *Andrew Billingsley, Scholar and Institution Builder: Essays and Tributes* (pp. 157-164). Black Classic Press.
2. **López-De Fede, A.**, & Haeussler-Fiore, D. (2005). An introduction to the culture of the Dominican Republic for disability service providers. In J. H. Stone (Ed.), *Culture and disability: Providing culturally competent services*. (pp. 187-202). Thousand Oaks, CA.: Sage Publications.
3. **López-De Fede, A.** (1998). Culture and persons with disabilities. In T.S. Smith (Ed.), *Rural rehabilitation: A modern perspective*. (pp. 12-39). Arnaudville, LA: Bow River Publishing.
4. **López-De Fede, A.** (1997). Rural America and persons with disabilities. In T.S. Smith (Ed.), *Innovations in rural rehabilitation*. (pp. 1-40). NY: Ahab Press.
5. **López-De Fede, A.**, & Weber, J. (1997). Opening doors: Assistive technology and preschool age children. In W.H. Brown and M.A. Conroy (Eds.), *Inclusion of preschool children with developmental delays in early childhood programs*. TN: Southern Early Childhood Association Press.

Submitted

- 1.

Refereed Journal Articles

In Print

1. Lanier P., Kennedy, S., Snyder, A., Smith, J., Napierala, E., Talbert, J., Hammerslag, L., Humble, L., Myers, E., Austin, A., Blount, T., Dowler, S., Moblen, V., **Lopez-De Fede, A.**, Nguyen, H., Bruce, J., Grijalva, C., Krishnan, S., Otter, C., Horton, K., Seiler, N., Majors, J., & Pearson, W. (in press). Prenatal syphilis screening among Medicaid enrollees in 6 southern states. *American Journal of Preventive Medicine*. [https://www.ajpmonline.org/article/S0749-3797\(21\)00623-1/pdf](https://www.ajpmonline.org/article/S0749-3797(21)00623-1/pdf)
2. Stone, C. L., Stewart, J. E., **López-DeFede, A.** (in press). Association between areas of concentration at the extreme and singleton poor birth and maternal outcomes. *Journal of Epidemiology and Public Health*.
3. Rodriguez, M. I., Skye, M., Lindner, S., Caughey, A. B., **Lopez-DeFede, A.**, Darney, B. G., & McConnell, K. J. (2021). Analysis of contraceptive use among immigrant women following expansion of Medicaid Coverage for postpartum care. *JAMA Network Open*, 4(12):32138983. doi:10.1001/jamanetworkopen.2021.38983
4. McConnell, K. J., Skye, M., Kaufman, M., Caughey, A. B., **Lopez-DeFede, A.**, & Darney, B. (2021). Disparities in postpartum contraceptive use among immigrant women with restricted Medicaid benefits. *AJOG Global Reports*, 2(1), 100030. <https://doi.org/10.1016/j.xagr.2021.100030>
5. Rodriguez, M. I., Kaufman, MJ., Lindner, S., Caughey, A. B., **Lopez DeFede, A.**, & McConnell, K. J. (2021, August 2). Association of expanded prenatal care coverage for immigrant women with

- postpartum contraception and short interpregnancy interval births. *JAMA Network Open*, 4(8), e2118912. doi:10.1001/jamanetworkopen.2021.18912
6. Bell, N., Wilkerson, R. Mayfield-Smith, K., & **López-DeFede, A.** (2021, January). Community social determinants and health outcomes drive availability of patient-centered medical homes. *Health & Place*, 67, 102439. <https://doi.org/10.1016/j.healthplace.2020.102439>
 7. Bell, N., Wilkerson, R. Mayfield-Smith, K., & **López-DeFede, A.** (2020). Community social determinants and health outcomes drive availability of patient-centered medical homes. *Health & Place*, 67, 102439. Advance online publication. <https://doi.org/10.1016/j.healthplace.2020.102439> 3.290¹
 8. Bell, N., Wilkerson, R., Mayfield-Smith, K., & **López-DeFede, A.** (2020, October 27). Association of Patient-Centered Medical Home designation and quality indicators within HRSA-funded community health center delivery sites. *BMC Health Services Research*, 20, 980. <https://doi.org/10.1186/s12913-020-05826-x> 2.351¹
 9. Liberty, A., Yee, K., Darney, B. G., **Lopez-DeFede, A.**, & Rodriguez, M. I. (2020, April). Coverage of immediate postpartum long acting reversible contraception is associated with improved birth intervals for at risk populations. *American Journal of Obstetrics & Gynecology*. <https://doi.org/10.1016/j.ajog.2019.11.1282> 6.120¹
 10. Bell, N., **López-De Fede A.**, & Cai B., Brooks, J. (2019, October). Reliability of the American Community Survey Estimates of risk-adjusted readmission rankings for hospitals before and after peer group stratification. *JAMA Network Open*, 2(10): e1912727. doi: 10.1001/jamanetworkopen.2019.12727 5.032¹
 11. **López-DeFede, A.**, & Stewart, J. E. (2019, April). Diagnosed diabetes prevalence and risk factor rankings, by state, 2014–2016: A ring map visualization. *Preventing Chronic Disease*, 2019; 16:180470 doi: <http://dx.doi.org/10.5888/pcd16.180470> 1.86¹
 12. Bell, N., **López-DeFede, A.**, Wilkerson, R. C., Mayfield-Smith, K. (2018, December). Precision of provider licensure data for mapping member accessibility to Medicaid Managed Care provider networks. *BMC Health Services Research*, (18)974. <https://bmchealthservres.biomedcentral.com/articles/10.1186/s12913-018-3776-4> (pdf on file) 2.351¹
 13. Bell, N., Hughes, R., **López-DeFede, A.** (2018, October). Collaborative practice agreements and their geographic impact on where nurse practitioners can practice. *Journal of Nursing Regulations*, 9(3), 5-14. doi: 10.1016/s2155-8256(18)30149-2. (pdf on file) .070¹
 14. White, K., Stewart, J. E., **López-DeFede, A.**, & Wilkerson, R. C. (2016, July). Small-area variation in hypertension prevalence among black and white Medicaid enrollees. *Ethnicity & Disease*, 26(3). doi: 10.18865/ed.26.3.331 1.154¹
 15. **López-DeFede, A.**, Stewart, J. E., Hardin, J. W., & Mayfield-Smith, K. (2016, June). Comparison of small-area deprivation measures as predictors of chronic disease burden in a low-income population. *International Journal of Equity in Health*, 15(89). doi: 10.1186/s12939-016-0378-9 1.26¹

16. Gareau, S., **López-De Fede, A.**, Loudermilk, B. L., Cummings, T. H., Hardin, J. W., Picklesimer, A. H., Crouch, E., & Covington-Kolb, S. (2016, March). Group prenatal care results in Medicaid savings with better outcomes: A propensity score analysis of CenteringPregnancy participation in South Carolina. *Maternal and Child Health Journal*. doi:10.1007/s10995-016-1935-y **1.736¹**
17. **López-De Fede, A.**, Vyavaharkar, M., & Bellinger, J. (2014). Antipsychotic prescriptions for children aged 5 years and younger: Do we need policy oversight standards? *Sage Open*, 4(4) 1-7. doi:10.1177/2158244014555116 **.715¹**
18. Ekperi, L. I., Greene, S., Dehal, A., **López-DeFede, A.**, & Zhang, J. (2012) Health insurance coverage among diabetic adults from three major ethnic groups in the US. *Ethnicity & Disease*, 22(4) 486-491. **1.154¹**
19. Li, Y., Raychowdhury, S., Tedders, S. H., Lyn, R., **López-DeFede, A.**, & Zhang, J. (2012) Association between increased BMI and severe school absenteeism among US children and adolescents: findings from a national survey, 2005–2008. *International Journal of Obesity*, 36(4), 517-523. **4.514¹**
20. Battersby, S. E., Stewart, J. E., **López-DeFede, A.**, Remington, K. C., & Mayfield-Smith, K. (2011). Ring maps for spatial visualization of multivariate epidemiological data. *Journal of Maps*, v2011, 564-572. 10.4113/jom.2011.1182 **2.365¹**
21. **López-DeFede, A.**, Hardin, J., Mayfield-Smith, K., Liu, Q., Payne, T., Stewart, J. E., & Brantley, V. (2011). Does health plan type contribute to the difference in diabetes care? *Journal of South Carolina Medical Association*, 107(1), 17-20. **NA**
22. **López-DeFede, A.**, Stewart, J. E., Hardin, J. W., Mayfield-Smith, K., & Sudduth, D. (2011). Spatial visualization of multivariate data sets: An analysis of STD and HIV/AIDS diagnosis rates and socioeconomic context using ring maps. *Public Health Reports*, 126(Suppl 3), 115-126. **1.764¹**
23. Stewart, J. E., Battersby, S. E., **López-De Fede, A.**, Remington, K. C., Hardin, W., & Mayfield-Smith, K. (2011). Diabetes and the socioeconomic and built environment: Geovisualization of disease prevalence and potential contextual associations using ring maps [Highly accessed]. *International Journal of Health Geographics*, 10(1):18. doi:10.1186/1476-072X-10-18 **2.862¹**
24. **López-DeFede, A.**, Hardin, J. W., Mayfield-Smith, K. L., Liu, Q., Payne, T., Stewart, J. E., & Brantley, V. (2010). Associations between mental health and diabetes: Findings from the SC Medicaid managed care program in 2006-2008. *Ethnicity & Disease*, 20(3), 239-243. **1.154¹**
25. **López-De Fede, A.**, Stewart, J. E., Harris, M. J., & Mayfield-Smith, K. (2008). Tuberculosis in socio-economically deprived neighborhoods: Missed opportunities for prevention. *The International Journal of Tuberculosis and Lung Disease*, 12, 1425-1430. **2.268¹**

Submitted / In Development

1. Nguyen, H. T., Gareau, S., & **López-DeFede, A.** (2021). *Two sides of the same coin: The relationship between severe maternal morbidity and adverse birth outcomes*. [Revised and re-submitted for publication in *Women's Health Issues*. Rejected.] **2.355¹**
2. Gareau, S., **López-DeFede, A.**, Chen, Z., Mayfield-Smith, K., & Bell, N. (2021). *Hospital incentives partnerships reduce emergency department utilization in complex care management for the uninsured* [In development for submission to *JAMA Network Open*]. **8.485¹**

3. Bell, N., Cai, B., Brooks, J., & **López-DeFede, A.** (2021). *Centering racial and ethnic equity in health care throughout spatial data analysis* [Submitted to *International Journal of Health Geographics*. Editor referral. Will re-submit to *BMC Health Services Research*]. [2.655¹](#)
4. Bell, N., **López-DeFede, A.**, Cai, B., & Brooks, J., & *Geographic proximity to primary care providers as a risk-assessment criterion for quality performance measures* [In development for submission to *PLOS ONE*]. [3.240¹](#)
5. Lanier P., Austin, A., Kennedy, S., Snyder, A., Smith, J., Napierala, E., Talbert, J., Hammerslag, L., Humble, L., Myers, E., Blount, T., Dowler, S., Mobley, V., Stehlin, G., **Lopez-De Fede, A.**, Nguyen, H., Bruce, J., Grijalva, C., Pearson, W. S., Kennedy, S., Krishnan, S., Otter, C., Horton, K., Seiler, N. (2022). *Sexually transmitted infection testing among Medicaid enrollees initiating pre-exposure prophylaxis for HIV prevention in 6 southern states* [In development for submission to *Health Services Research*]. [3.402¹](#)
6. Bell, N., **López-DeFede, A.**, Cai, B., & Mayfield-Smith, K. (2021). *Factoring social needs into risk-adjusted HEDIS measures as tools for racial disparities research and better clinical care* [In development for submission to *Public Health Reports*]. [2.792¹](#)
7. Bell, N., Cai, B., Brooks, J., & **López-DeFede, A.** (2021). *Excluding geographic proximity to health care services masks benefits of patient-centered medical home attribution among Medicaid participants* [Submitted to *Medical Care*, Rejected]. [3.929¹](#)

(Further submissions available upon request.)

Refereed Conference Articles

In Print

- 1.

Submitted

- 1.

Unrefereed Conference Articles

In Print

- 1.

Submitted

- 1.

Abstracts

In Print

1. Billings, D., Robillard, A., Rodriguez Ramos, C., Askins, A., Walker, P., Mayfield-Smith, K., & **López-De Fede, A.** (2021). *Voices/voces of pregnancy and birth inequities in the context of COVID-19* [Abstract]. Accepted for presentation at 2021 APHA Annual Meeting and Expo, Denver, October 24-27, 2021.

2. Gareau, S., Chen, Z., **López-De Fede, A.**, Reed, C. B. & Mayfield-Smith, K. (2021). *Increased patient activation is associated with reduced ED visits for the uninsured* [Abstract]. Accepted for presentation at 2021 APHA Annual Meeting and Expo, Denver, October 24-27, 2021.
3. Gareau, S., Kotagiri, M., **López-De Fede, A.**, & Nguyen, H. (2021). *Assessing Medicaid coverage gaps for comprehensive postpartum care* [Abstract]. Accepted for presentation at 2021 APHA Annual Meeting and Expo, Denver, October 24-27, 2021.
4. Grigorescu, G., Bellows, D., Schiff, J., Schutze, M., & **Lopez-De Fede, A.** (2021). State data for conducting patient-centered outcomes research to improve maternal health [Abstract]. Accepted for presentation at 2021 AcademyHealth Annual Research Meeting
5. Wu, D., Tsien, E., **López-De Fede, A.** (2021, January). *Identifying data patterns in prenatal care* [Abstract]. Accepted for presentation at Big Data Health Science Conference 2021. University of South Carolina. February 5-6, 2021.
6. Bell, N., & **López-De Fede, A.** (2020, December). *Implementation of patient-centered medical homes and the geographic and socioeconomic barriers to care access* [Abstract]. Accepted for poster presentation at 13th Annual Conference on the Science of Dissemination and Implementation in Health [Virtual], December 15-17, 2020.
<https://academyhealth.confex.com/academyhealth/2020di/meetingapp.cgi/Paper/43912>
7. Bell, N., & **López-De Fede, A.** (2020, October). Community social determinants and health outcomes drive availability of patient-centered medical homes [Abstract]. Accepted for presentation at 2020 APHA Annual Meeting and Expo, San Francisco, October 24-28, 2020.
8. Gareau, S., Nguyen, H., & **López-De Fede, A.** (2020, October). Opioid use disorder and severe maternal morbidity: Opportunities to expand and improve treatment [Abstract] Accepted for presentation at 2020 APHA Annual Meeting and Expo, San Francisco, CA, October 24-28, 2020.
9. **López-De Fede, A.**, Bell, N., Wilkerson, R., Mayfield-Smith, K. (2020, October). Effect of travel time/distance on access and quality indicators for patient-centered medical homes among state Medicaid beneficiaries [Abstract]. Accepted for presentation at 2020 APHA Annual Meeting and Expo, San Francisco, CA, October 24-28, 2020.
10. Nguyen, H., Gareau, S., & **López-De Fede, A.** (2020, October). Severe maternal morbidity and poor birth outcomes are interconnected: A call for a paradigm shift [Abstract]. Accepted for presentation at 2020 APHA Annual Meeting and Expo, San Francisco, CA, October 24-28, 2020.
11. Stewart, J., Probst, J., **López-De Fede, A.**, Xirasagar, S., & Hardin, J. (2020, October). Movers and churners: Residential relocation and enrollment discontinuity in a state Medicaid system [Abstract]. Accepted for presentation at APHA for Annual Meeting and Expo October 24-28, 2020.

12. Bell, N., **López-De Fede, A.**, Wilkerson, R., & Mayfield-Smith, K. (2019). *Creating the healthiest primary care delivery model: A national assessment of partial PCMH practice transformation on clinical performance within HRSAs Community Health Centers* (Abstract 446324). 2019 Annual Meeting of the American Public Health Association, November 2-6, 2019. Philadelphia, PA. <https://apha.confex.com/apha/2019/meetingapp.cgi/Paper/446324>

13. Bell, N., **López-DeFede, A.**, Cai, B., & Brooks, J. (2019). *Are safety net hospitals going to survive? Implications of data uncertainty in the American Community Survey (ACS) on risk-adjusted readmission rankings* (Abstract 447362). 2019 Annual Meeting of the American Public Health Association, November 2-6, 2019. Philadelphia, PA. <https://apha.confex.com/apha/2019/meetingapp.cgi/Paper/447362>

14. Gareau, S., **López-DeFede, A.**, & Nguyen, H. (2019). *Improving maternal health equity by addressing severe maternal morbidity among vulnerable women in South Carolina* (Abstract 446507). 2019 Annual Meeting of the American Public Health Association, November 2-6, 2019. Philadelphia, PA. <https://apha.confex.com/apha/2019/meetingapp.cgi/Paper/446507>

15. Shellenberger, K., McGuire, J., & **López-DeFede, A.** *Health and human services collaboration: Lessons learned from three national research projects.* [Abstract]. National Center for Complex Health and Social Needs Annual Conference: Putting Care at the Center, November 13-15, 2019. Memphis, TN.

16. Stone, C. L., **López-DeFede, A.** (2019, February). *Improving Care, Health Outcomes, and Value through Partnerships Serving the Chronically Ill Uninsured* [Abstract]. Accepted for exhibition at the 2019 Annual Research Meeting, June 2-4, Washington, DC.

17. Stone, C. L., & **López-DeFede, A.** (2019, February). *Using a population-based proxy to project severity of chronic conditions among Medicaid-eligible adults compared to general adult population in South Carolina* [Abstract]. Accepted for poster presentation at the Annual Research Meeting, June 2-4, 2019, Washington, DC.

18. Gareau, S., **López-DeFede, A.**, Cummings, T., Song, Y., Wilkerson, R., & Mayfield-Smith, K. (2018, November). *Improving health care access for the uninsured by leveraging community partnerships: South Carolina's Healthy Outcome Plan.* [Abstract 413119]. Medical Care Section, 146th Annual Meeting of the American Public Health Association, San Diego, CA. <https://apha.confex.com/apha/2018/meetingapp.cgi/Paper/413119>

19. Gareau, S., **López-De Fede, A.**, & Wilkerson, R. (2017, November). *From political climate to change: Mapping the course for reproductive justice* (Abstract 386378). APHA 2017 Annual Meeting & Expo. Atlanta, GA. <https://apha.confex.com/apha/2017/meetingapp.cgi/Paper/386378>

20. **López-De Fede, A.**, Stewart, J., Wilkerson, R., & Mayfield-Smith, K. (2017, November) *Identifying children at increased risk for elevated blood lead levels: A geospatial approach* (Abstract 390563). APHA 2017 Annual Meeting & Expo. Atlanta, GA. <https://apha.confex.com/apha/2017/meetingapp.cgi/Paper/390563>

21. Mayfield-Smith, K., **López-De Fede, A.**, Stewart, J., & Wilkerson, R. (2017, November) *Providing actionable data to strengthen health programming for the uninsured: A user-interactive, georeferenced environmental scan* (Abstract 390671). APHA 2017 Annual Meeting & Expo. Atlanta, GA. <https://apha.confex.com/apha/2017/meetingapp.cgi/Paper/390671>
22. Stewart, J., **López-De Fede, A.**, Mayfield-Smith, K., & Wilkerson, R. (2017, November). *Rural hospital closures increase distance to hospital-based care for populations most vulnerable to environmental hazards* (Abstract 390009). APHA 2017 Annual Meeting & Expo. Atlanta, GA. <https://apha.confex.com/apha/2017/meetingapp.cgi/Paper/390009>
23. Wilkerson, R. C., **López-De Fede, A.**, Gareau, S., Stewart, J., & Mayfield-Smith. (2017, November). *A data integration, mapping, and analysis tool to strengthen maternal and child health policy and program development* (Abstract 391125). APHA 2017 Annual Meeting & Expo. Atlanta, GA. <https://apha.confex.com/apha/2017/meetingapp.cgi/Paper/391125>
24. Qureshi, Z., Ball, S., Horner, R., Kreiner, P., **López-De Fede, A.**, Probst, J., & Bennett, C. (2015). Determining patterns of opioid misuse and misprescribing in South Carolina [Abstract]. *Value Health*, 18(3): A302-303. doi: <http://dx.doi.org/10.1016/j.jval.2015.03.1761>

Submitted

1. Ren, Y., Tsien, Ed., Wu, D., **López-De Fede, A.**, & Gareau, S. (2021). *Using machine learning methods to identify risk factors of low-weight-birth outcomes in a US hospital system* [Abstract]. Accepted for presentation at Big Data Health Science Conference 2022, Columbia, SC, February 11-12, 2022
2. Wu, D., **López-De Fede, A.**, & Tsien, E. (2021). *Applying novel deep learning methods to prenatal care domain* [Abstract]. Submitted for presentation at AcademyHealth Annual Research Meeting, June 14-16, 2021.

Book Reviews

ADDITIONAL PUBLICATIONS

Industry/Trade Journal

1. Stewart, J.E., Shoultz, J., **López-De Fede, A.**, & Mayfield-Smith, K. (2014). No GIS experience required: Format supports decision makers and better outcomes. *ArcUser*. (Winter), 28-29.

Technical Reports

1. Billings, D. L., Robillard, A., Ramos, C. R., **López-De Fede, A.**, & Mayfield-Smith, K. (2021, June). *The VOICES/VOCES Initiative: Moving forward through women's voices to address pregnancy and birth inequities in South Carolina*. University of South Carolina Institute for Families in Society, produced under contract to SC Department of Health and Human Services. https://www.schealthviz.sc.edu/Data/Sites/1/media/downloads/Voices_Voces_TechnicalReport.pdf
2. **López-DeFede, A.**, Gareau, S. & Mayfield-Smith, K. (2021, June). *A report of the SC Birth Outcomes Initiative: Trends & future directions – June 2021*. University of South Carolina

Institute for Families in Society, provided under contract to SC Department of Health and Human Services.

3. **Institute for Families in Society.** (2021, June). *DHHS State QTIP pediatric practice HEDIS rates compared to QTIP Cohort, QTIP Total, Statewide (with and without QTIP) rates for CY2020.* University of South Carolina, provided under contract to SC Department of Health and Human Services.
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Other Publications (Web-based, etc.)

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Presentations

1. **López-DeFede, A.**, (2021, December 8-10). *COVID-19 in South Carolina - March 2020 - April 2021 - Maternal outcomes: Opportunities and challenges* [Presentation]. AcademyHealth State-University Partnership Learning Network (SUPLN) 2021 Annual Fall Meeting.
2. **López-DeFede, A.**, (2021, December 8). *Postpartum Care Learning Collaborative Kick-Off update* [Presentation]. SC Birth Outcomes Initiative Monthly Meeting, Columbia, SC.
3. **López-DeFede, A.**, (2021, December 8). *Postpartum Care Learning Collaborative Kick-Off update* [Presentation]. Monthly Workshop: Improving Postpartum Care Affinity Group, Columbia, SC.
4. **López-DeFede, A.** (2021, November 10). Co-presenter and Member, *SCPPCL Core Team, SC Postpartum Learning Collaborative (SCPPLC) Kick-Off Meeting*. Columbia, SC.

5. **López-DeFede, A.** (2021, November 10). Facilitator, *Breakout session: Hospital engagement. SC Postpartum Learning Collaborative (SCPPLC) Kick-Off Meeting*. Columbia, SC.
6. **López-DeFede, A.** (2021, November 4, 18). Co-presenter with Billings, D., *The VOICES/VOCES Initiative: Moving forward through women's voices to address pregnancy and birth inequities in South Carolina* [Presentation]. 2021 SCBOI Symposium Virtual Series: Building Resilience in Maternal Child Health. Columbia, SC.
7. **López-DeFede, A.** (2021, November 10). Guest speaker, *UofSC/IFS research data structure & linkages to advance the UofSC & Medicaid partnership*. In Dr. Bernardine M. Pinto's Resilience in Research Series, University of South Carolina, College of Nursing, Columbia, SC.
8. Billings, D., Robillard, A., Rodriguez Ramos, C., Walker, P., Askins, L. A., Mayfield-Smith, K., & **López-De Fede, A.** (2021, October 24-27). *Voices/voces of pregnancy and birth inequities in the context of COVID-19* [Presentation]. APHA 2021 Annual Meeting and Expo, Denver, <https://apha.confex.com/apha/2021/meetingapp.cgi/Paper/504183>
9. Gareau, S., Chen, Z., **López-De Fede, A.**, Reed, C. B., & Mayfield-Smith, K. (2021, October 24-27). *Increased patient activation is associated with reduced ED visits for the uninsured* [Presentation]. APHA 2021 Annual Meeting and Expo, Denver, CO. <https://apha.confex.com/apha/2021/meetingapp.cgi/Paper/507376>
10. Gareau, S., Kotagiri, M., Chen, Z., **López-De Fede, A.**, & Nguyen, H. (2021, October 24-27). *Assessing Medicaid coverage gaps for comprehensive postpartum care* [Presentation]. APHA 2021 Annual Meeting and Expo, Denver, CO. <https://apha.confex.com/apha/2021/meetingapp.cgi/Paper/507418>
11. Walker, P. (Director). (2021, October 21-22). *VOICES/VOCES: Pregnancy, Medicaid, & COVID-19* [Theatrical performance]. **Institute for Families in Society**, University of South Carolina.
12. **López-De Fede, A.** (2021, October 6). *Maternal behavioral health in South Carolina: Trends & future directions* [Presentation]. SC Birth Outcomes Initiative SC SBIRT Stakeholder Meeting, Columbia, SC.
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15. **López-De Fede, A.** (2021, March 31). Panelist, *Health disparities panel: Medicaid Expansion advocacy* [Presentation]. Meeting of National Association of Social Workers, South Carolina Chapter [Virtual].

16. **López-De Fede, A.** (2021, March 9). *Mapping inequity to advance communities of opportunities* [Presentation]. Meeting of 2020 Maternal Health Project: AcademyHealth; NORC of the University of Chicago; and ASE, US Department of Health and Human Services [Virtual].
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<https://academyhealth.confex.com/academyhealth/2020di/meetingapp.cgi/Paper/43912>
19. **López-De Fede, A.,** Mayfield-Smith, K. (2020, December 8-10). *Strategic contracting breakout session*. AcademyHealth 2020 Virtual SUPLN Annual Meeting [Virtual].
20. **López-De Fede, A.** (2020, December 4). *Working with federal reporting system and state level data to inform local practice and policy* [Colloquia]. University of South Carolina College of Social Work Office of Research [Virtual].
21. **López-De Fede, A.,** & Wilkerson, R. (2020, November 18). *A big data participatory research application with Tableau: Strengths and challenges* [Presentation]. University of South Carolina Department of Information Technology, Analytics Community of Practice [Virtual].
22. **López-DeFede, A.** & Gareau, S. (2020, October). *Maternal Health Quality 2016-2019 Annual Results*. Presentation at the October 2020 South Carolina Birth Outcomes Initiative meeting.
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24. Gareau, S., Nguyen, H., & **López-De Fede, A.** (2020, October 24-28). *Opioid use disorder and severe maternal morbidity: Opportunities to expand and improve treatment* [Presentation]. APHA 2020 Virtual Annual Meeting and Expo.
<https://apha.confex.com/apha/2020/meetingapp.cgi/Session/60371>
25. **López-De Fede, A.** (2020, October 24-28). *Transformational and Applied Research: A journey in search of quality through a health equity lens, Keynote 21st Annual Donabedian Award Keynote Lectureship*. APHA 2020 Virtual Annual Meeting and Expo.
<https://apha.confex.com/apha/2020/meetingapp.cgi/Session/61713>
26. **López-De Fede, A.,** Bell, N., Wilkerson, R., Mayfield-Smith, K. (2020, October 24-28). *Effect of travel time/distance on access and quality indicators for patient-centered medical homes among state Medicaid beneficiaries* [Presentation]. APHA 2020 Virtual Annual Meeting and Expo.
<https://apha.confex.com/apha/2020/meetingapp.cgi/Paper/473467>

27. Nguyen, H., Gareau, S., & **López-De Fede, A.** (2020, October 24-28). *Severe maternal morbidity and poor birth outcomes are interconnected: A call for a paradigm shift* [Presentation]. APHA 2020 Virtual Annual Meeting and Expo.
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<https://apha.confex.com/apha/2020/meetingapp.cgi/Paper/474356>
29. **López-De Fede, A.** (2020, September). Invited Moderator, *Meeting on rapid learning and evaluation opportunities to inform states' COVID-19 response* [Virtual]. AcademyHealth. September 21-22, 2020.
30. **Institute for Families in Society.** (2020, August 13). *CHARGED³: Presentation to First Steps* [Presentation]. Meeting of SC First Steps [Virtual].
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37. **López-De Fede, A.** Invited Panel Member. (2020, February 9). American College of Healthcare Executives (ACHE) Session on Big Data Analytics at UofSC Big Data Health Science Conference 2020, February 9-11, 2020, Columbia, SC. <https://www.sc-bdhs-conference.org/speakers/>
38. **López-De Fede, A.** (2020, January). *CHARGED³ Geospatial Environmental Scan[®]: A geographic exploration of health resources for SC Children ages birth-5* [Presentation]. South Carolina Chapter of the American Academy of Pediatrics CATCH & SC QTIP Meetings, January 24-26, 2020, Charleston, SC.

39. **López-DeFede, A.** (2019, November 21). *Child mental health opportunities for geographical intervention project* [Presentation]. JCCA Executive Steering Committee, Columbia, SC.
40. McGuire, J., Bernsten, C., **López-DeFede, A.**, & Shellenberger, K. (2019, November). *Health and human services collaboration: Learning while doing: Findings from the field* [Presentation]. National Center for Complex Health and Social Needs Annual Conference: Putting Care at the Center, November 13-15, 2019. Memphis, TN. <https://www.nationalcomplex.care/wp-content/uploads/2019/12/107-McGuire.pdf>
41. Bell, N., López-DeFede, A., Cai, B., & Brooks, J. (2019, November 6). *Are safety net hospitals going to survive? Implications of data uncertainty in the American Community Survey (ACS) on risk-adjusted readmission rankings* [Presentation]. 2019 Annual Meeting of the American Public Health Association, November 2-6, 2019. Philadelphia, PA. <https://apha.confex.com/apha/2019/meetingapp.cgi/Paper/447362>
42. Gareau, S., **López-DeFede, A.**, & Nguyen, H. (2019, November 5). *Improving maternal health equity by addressing severe maternal morbidity among vulnerable women in South Carolina* [Presentation]. 2019 Annual Meeting of the American Public Health Association, November 2-6, 2019. Philadelphia, PA. <https://apha.confex.com/apha/2019/meetingapp.cgi/Paper/446507>
43. Bell, N., **López-De Fede, A.**, Wilkerson, R., & Mayfield-Smith, K. (2019, November 4). *Creating the healthiest primary care delivery model: A national assessment of partial PCMH practice transformation on clinical performance within HRSA Community Health Centers* [Presentation]. 2019 Annual Meeting of the American Public Health Association, Philadelphia, PA. <https://apha.confex.com/apha/2019/meetingapp.cgi/Paper/446324>
44. **López-De Fede, A.** (2019, October 30). *Preliminary results: SC BOI Baseline AIM Survey: Characterizing obstetric patient safety initiatives currently occurring in SC birthing facilities* [Presentation]. SC BOI Symposium, Columbia, SC.
45. **López-De Fede, A.** (2019, October 30). *SC BOI Dashboard: An interactive reporting tool developed by the USC Institute for Families in Society* [Presentation]. SC BOI Symposium, Columbia, SC.
46. **Institute for Families in Society.** (2019, October 24). *Evaluation of South Carolina First Steps to School Readiness: Local partnerships from 2013-2014 to 2017-2018* [Presentation]. First Steps to School Readiness Board of Trustees, Columbia, SC.
47. **López-DeFede, A.** (2019, August). Invited attendee, consultant, and presenter, representing South Carolina, one of five states. *Challenges and barriers to linking early childhood education to health initiatives* [Presentation]. The Aspen Institute Early Childhood and Health Forum, August 20-23, 2019. Aspen, CO.
48. **López-DeFede, A.**, & Gareau, S. (2019, June). *Mothers & babies: New numbers, new measures* [Presentation]. Meeting of stakeholders of the South Carolina Birth Outcomes Initiative, June 12 2019. Columbia, SC.

49. **López-DeFede, A.** (2019, February). *South Carolina free medical clinics 2018 evaluation report: HOP sub-population analysis*. Presented at South Carolina Free Clinic Association Conference, February 7, 2019, Charleston, SC.
50. **López-DeFede, A.,** & Mayfield-Smith, K. (2019, February). *UofSC/IFS data structure & linkages to advance the UofSC & Medicaid partnership*. Presented at February 5, 2019, meeting with University of Southern Maine Cutler Institute of Health and Social Policy.
51. **López-De Fede, A.,** Mayfield-Smith, K., Wilkerson, R., & Stewart, J. E. (2019, January). Innovative analysis in lead screening is bringing value and results. Poster exhibited at 2019 CMS Quality Conference, Baltimore, MD.
52. **López-DeFede, A.** (2018, December). AccessHealth 2018 Evaluation Report: HOP sub-population analysis. Presented at meeting of AccessHealth SC. Columbia, SC, December 6, 2018.
53. Gareau, S., **López-DeFede, A.,** Cummings, T., Song, Y., Wilkerson, R., & Mayfield-Smith, K. (2018, November). *Improving health care access for the uninsured by leveraging community partnerships: South Carolina's Healthy Outcome Plan*. Poster presented within the Medical Care Section, 146th Annual Meeting of the American Public Health Association, San Diego, CA.
54. **López-DeFede, A.,** & Mayfield-Smith, K. (2018, November). *SC Birth Outcomes Initiative Geospatial Environmental Scan[®]: Social determinants & population health*. Presented at AcademyHealth SUPLN Annual Meeting. Washington, DC.
55. **López-De Fede, A.** (2018, October). Big data surveillance. Moderator with K. Simpson for roundtable discussion at South Carolina Clinical & Translational Research Institute Opioids Research Retreat, Charleston, SC October 26, 2018.
56. **López-DeFede, A.,** Mayfield-Smith, K., Gareau, S., Cummings, T. H., Reed, C. B., Motes, P. S., & Wilkerson, R. (2018, October). *Healthy Outcomes Plan (HOP) 2018 Evaluation Report*. Presented at meeting of stakeholders of the SC Healthy Outcomes Plan. Columbia, SC, October 18, 2018.
57. **López-De Fede, A.,** Mayfield-Smith, K. *Using predictive analytics to guide care coordination efforts*. Invited presentation at meeting of the South Carolina Association of Health Care Quality, Columbia, SC: South Carolina Hospital Association, July 20, 2018.
58. **López-De Fede, A.,** Motes, P. S., & Reed, C. B. (2018, July). *Improving health outcomes & costs through application of the Patient Activation Measure[®]* (Webinar). Presented at meeting of stakeholders of the SC Healthy Outcomes Plan. Columbia, SC: University of South Carolina, Institute for Families in Society, Division of Integrated Health & Policy Research, July 26, 2018.
59. Wilkerson, R. C., **López-DeFede, A.,** & Mayfield-Smith, K. (2018, February). *Plan provider network adequacy assessment*. Webinar presented to representatives of Medicaid Managed Care Plans, USC Institute for Families in Society, Division of Integrated Health & Policy Research: Columbia, SC.
60. **López-DeFede, A.,** & Mayfield-Smith, K. (2018, February). *USC/IFS contract efforts in support of SC DHHS (Medicaid)*. Presentation to representatives of Jordan Institute-Member of AcademyHealth State-University Partnership Learning Network, Institute for Families in Society: Columbia, SC.

61. **López-DeFede, A.,** & Mayfield-Smith, K, & Shapiro, C. (2018, February). *Charged³: Children's health & resource geographic exploration for data-driven decisions. Invited grant proposal presentation to Duke Endowment.* Institute for Families in Society: Columbia, SC.
62. **López-DeFede, A.,** Cummings, T. H., Wilkerson, R. C., & Stewart, J. E. (2017, November). The challenge of health disparities to achieve birth equity. Presentation at November 16, 2017, South Carolina Birth Outcomes Symposium, Columbia, SC.
63. Wilkerson, R. C., **López-DeFede, A.,** Gareau, S., Stewart, J. E., & Mayfield-Smith, K. (2017, November). A data integration, mapping, and analysis tool to strengthen maternal and child health policy and program development. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
64. Gareau, S., **López-DeFede, A.,** & Wilkerson, R. C. (2017, November). From political climate to change: Mapping the course for reproductive justice. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
65. **López-DeFede, A.,** Stewart, J. E., Wilkerson, R. C., & Mayfield-Smith, K. (2017, November). Identifying children at increased risk for elevated blood lead levels: A geospatial approach. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
66. Stewart, J. E., **López-DeFede, A.,** Mayfield-Smith, K., & Wilkerson, R. C. (2017, November). Rural hospital closures increase distance to hospital-based care for populations most vulnerable to environmental hazards. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
67. Mayfield-Smith, K., **López-DeFede, A.,** Stewart, J. E., & Wilkerson, R. C. (2017, November). Providing actionable data to strengthen health programming for the uninsured: A user-interactive, georeferenced environmental scan. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
68. **López-DeFede, A.** (2017, October). *Building and using a geospatial picture: South Carolina DJJ Family Environmental Scan®.* Presentation at October 24, 2017, meeting of the SC Department of Juvenile Justice Advisory Committee. Columbia, SC.
69. **López-DeFede, A.** (2017, October). *HOP 2017 Evaluation Report.* Presentation at October 19, 2017, SC Health Outcomes Plan Stakeholders Meeting, Columbia, SC.
70. **López-De Fede, A.** (2017, July). *SC HealthViz: South Carolina eHealth Medicaid Statistics.* Invited oral presentation at the New Jersey Health Care Quality Institute, Medicaid Transparency Meeting, Trenton, NJ, July 28, 2017.
71. **Institute for Families in Society,** University of South Carolina. (2017, May). *Building and using a geospatial picture: SC DJJ Youth Environmental Scan (Webinar).* Presented to SC Department of Juvenile Justice, May 17, 2017.
72. **López-De Fede, A.** (2017, April). *Alternative care models: Lessons from the Healthy Outcomes Program (HOP).* Presentation at April 7, 2017, SCHA SCHFMA Reimbursement Summit, Columbia, SC.
73. **López-De Fede, A.** (2017, April). *Analytical approach to county health rankings.* Presentation at April 12, 2017, meeting of Robert W. Johnson and SC Birth Outcomes Initiative. Columbia, SC.
74. **López-De Fede, A.** (2017, April). *South Carolina Birth Outcomes Initiative: Linking more than 100 stakeholders to improve maternal and infant health outcomes.* Poster presentation at April 10, 2017, ACOG Alliance for Innovation on Maternal Health National Meeting, Baltimore, MD.

75. **López-De Fede, A.** (2017, March). Social determinants of health: The elephant in the room. Presentation as guest speaker, March 20, 2017, USC health care leadership course, Arnold School of Public Health, Columbia, SC.
76. **López-De Fede, A.** (2017, March). Building and using a geospatial picture: South Carolina DJJ Youth Environmental Scan[®], Presentation to March 17, 2017, meeting of the senior leadership of SC Department of Juvenile Justice, Columbia, SC.
77. **Division of Medicaid Policy Research**, Institute for Families in Society, University of South Carolina. (2017, January). *CHIPRA Demonstration Project 2013-2015: Statistical difference amongst CHIPRA vs Non-CHIPRA practices*. Presented at January 10, 2017, meeting of SC CHIPRA project leadership, Columbia, SC
78. **Division of Medicaid Policy Research**, Institute for Families in Society, University of South Carolina. (2017, January). *SC Birth Outcomes Initiative Environmental Scan[®]: Social determinants and population health*. Presented to January 11, 2017, meeting of South Carolina Birth Outcomes Initiative, Columbia, SC.
79. **Division of Medicaid Policy Research**, Institute for Families in Society, University of South Carolina. (2017, January). *South Carolina Healthy Outcomes Plan (HOP) 2016 interim evaluation report*. Presented to January 26, 2017, meeting of SC Healthy Outcomes Plan Stakeholders, Columbia, SC.
80. **López-DeFede, A.** (2017, January). *Medicaid long-acting reversible contraceptives*. Presented to January 11, 2017, meeting of South Carolina Birth Outcomes Initiative, Columbia, SC.
81. Mayfield-Smith, K., **López-DeFede, A.**, Wilkerson, R. C. & Reed, C. B. (2017, January). *Process for verification of patient centered medical home (PCMH) recipients and providers for reimbursement*. Webinar presented January 19, 2017, to state agency and health plans. Columbia, SC.

Invited Presentations at Professional Meetings

1. **López-DeFede, A.**, (2021, December 8-10). *COVID-19 in South Carolina - March 2020 - April 2021 - Maternal outcomes: Opportunities and challenges* [Presentation]. AcademyHealth State-University Partnership Learning Network (SUPLN) 2021 Annual Fall Meeting.
2. **López-DeFede, A.**, (2021, December 8). *Postpartum Care Learning Collaborative Kick-Off update* [Presentation]. SC Birth Outcomes Initiative Monthly Meeting, Columbia, SC.
3. **López-DeFede, A.**, (2021, December 8). *Postpartum Care Learning Collaborative Kick-Off update* [Presentation]. Monthly Workshop: Improving Postpartum Care Affinity Group, Columbia, SC.
4. **López-DeFede, A.** (2021, November 10). Co-presenter and Member, *SCPPCL Core Team, SC Postpartum Learning Collaborative (SCPPCL) Kick-Off Meeting*. Columbia, SC.
5. **López-DeFede, A.** (2021, November 10). Facilitator, *Breakout session: Hospital engagement*. 2021 SCBOI Symposium Virtual Series: Building Resilience in Maternal Child Health. Columbia, SC.

6. **López-DeFede, A.** (2021, November 10). Guest speaker, *UofSC/IFS research data structure & linkages to advance the UofSC & Medicaid partnership*. In Dr. Bernardine M. Pinto's Resilience in Research Series, University of South Carolina, College of Nursing, Columbia, SC.
7. Billings, D., Robillard, A., Rodriguez Ramos, C., Walker, P., Askins, L. A., Mayfield-Smith, K., & **López-De Fede, A.** (2021, October 24-27). *Voices/voces of pregnancy and birth inequities in the context of COVID-19* [Presentation]. APHA 2021 Annual Meeting and Expo, Denver, <https://apha.confex.com/apha/2021/meetingapp.cgi/Paper/504183>
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28. **López-De Fede, A.** (2020, September). Invited Moderator, *Meeting on Rapid Learning and Evaluation Opportunities to Inform States' COVID-19 Response* [Virtual] September 20-21, 2020.
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34. **López-De Fede, A.** Invited Panel Member. (2020, March 6). Women's Health Research Forum: Women's Health in Rural SC: Promoting Access and Equity. March 6, 2020, Columbia, SC.
35. **López-De Fede, A.** Invited Guest Lecturer. (2020, March 4). *Collaborating to improve Medicaid policy and health services research.* Presentation to UofSC College of Social Work Course - Advanced Analysis of Social Policy, Programs, and Services.
36. **López-De Fede, A.** Invited Panel Member. (2020, February 9). American College of Healthcare Executives (ACHE) Session on Big Data Analytics at UofSC Big Data Health Science Conference 2020, February 9-11, 2020, Columbia, SC. <https://www.sc-bdhs-conference.org/speakers/>
37. **López-De Fede, A.** (2020, January). *CHARGED³ Geospatial Environmental Scan[®]: A geographic exploration of health resources for SC Children ages birth-5* [Presentation]. South Carolina Chapter of the American Academy of Pediatrics CATCH & SC QTIP Meetings, January 24-26, 2020, Charleston, SC.
38. **López-DeFede, A.** (2019, November 21). Child mental health opportunities for geographical intervention project [Presentation]. JCCA Executive Steering Committee, Columbia, SC.
39. **López-De Fede, A.** (2019, October 30). Preliminary results: SC BOI Baseline AIM Survey: Characterizing obstetric patient safety initiatives currently occurring in SC birthing facilities [Presentation]. SC BOI Symposium, Columbia, SC.
40. **López-De Fede, A.** (2019, October 30). SC BOI Dashboard: An interactive reporting tool developed by the USC Institute for Families in Society [Presentation]. SC BOI Symposium, Columbia, SC.

41. **Institute for Families in Society.** (2019, October 24). Evaluation of South Carolina First Steps to School Readiness: Local partnerships from 2013-2014 to 2017-2018 [Presentation]. First Steps to School Readiness Board of Trustees, Columbia, SC.
42. **López-DeFede, A.** (2019, August). Invited attendee, consultant, and presenter, representing South Carolina, one of five states. Presentation topic: Challenges and barriers to linking early childhood education to health initiatives. The Aspen Institute Early Childhood and Health Forum, August 20-23, 2019. Aspen, CO.
43. **López-DeFede, A., & Gareau, S.** (2019, June). Mothers & babies: New numbers, new measures. Presentation at June 12, 2019, meeting of stakeholders of the South Carolina Birth Outcomes Initiative, Columbia, SC.
44. **López-DeFede, A.** (2019, February). South Carolina free medical clinics 2018 evaluation report: HOP sub-population analysis. Presented at South Carolina Free Clinic Association Conference, February 7, 2019, Charleston, SC.
45. **López-DeFede, A., & Mayfield-Smith, K.** (2019, February). UofSC/IFS data structure & linkages to advance the UofSC & Medicaid partnership. Presented at February 5, 2019, meeting with University of Southern Maine Cutler Institute of Health and Social Policy.
46. **López-De Fede, A., Mayfield-Smith, K., Wilkerson, R., & Stewart, J. E.** (2019, January). Innovative analysis in lead screening is bringing value and results. Poster exhibited at 2019 CMS Quality Conference, Baltimore, MD.
47. **López-DeFede, A.,** AccessHealth 2018 Evaluation Report: HOP sub-population analysis. Presented at meeting of AccessHealth SC. Columbia, SC, December 6, 2018. (see also Presentations)
48. **Gareau, S., López-DeFede, A., Cummings, T., Song, Y., Wilkerson, R., & Mayfield-Smith, K.** (2018, November). *Improving health care access for the uninsured by leveraging community partnerships: South Carolina's Healthy Outcome Plan.* Presented within the Medical Care Section, 146th Annual Meeting of the American Public Health Association, San Diego, CA. (see also Presentations)
49. **López-DeFede, A., & Mayfield-Smith, K.** (2018, November). *SC Birth Outcomes Initiative Geospatial Environmental Scan[®]: Social determinants & population health.* Presented at AcademyHealth SUPLN Annual Meeting. Washington, DC. (see also Presentations)
50. **López-De Fede, A.** (2018, October). Big data surveillance. Moderator with K. Simpson for roundtable discussion at South Carolina Clinical & Translational Research Institute Opioids Research Retreat, Charleston, SC October 26, 2018. (see also Presentations)
51. **López-De Fede, A., Mayfield-Smith, K.** *Using predictive analytics to guide care coordination efforts.* Invited presentation at meeting of the South Carolina Association of Health Care Quality, Columbia, SC: South Carolina Hospital Association, July 20, 2018. (see also Presentations)
52. **López-DeFede, A., & Mayfield-Smith, K.** (2018, February). *USC/IFS contract efforts in support of SC DHHS (Medicaid).* Presentation to representatives of Jordan Institute-Member of AcademyHealth State-University Partnership Learning Network, Institute for Families in Society: Columbia, SC. (see also Presentations)

53. **López-DeFede, A.**, Cummings, T. H., Wilkerson, R. C., & Stewart, J. E. (2017, November). The challenge of health disparities to achieve birth equity. Presentation at November 16, 2017, South Carolina Birth Outcomes Symposium, Columbia, SC.
54. Wilkerson, R. C., **López-DeFede, A.**, Gareau, S., Stewart, J. E., & Mayfield-Smith, K. (2017, November). A data integration, mapping, and analysis tool to strengthen maternal and child health policy and program development. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
55. Gareau, S., **López-DeFede, A.**, & Wilkerson, R. C. (2017, November). From political climate to change: Mapping the course for reproductive justice. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
56. **López-DeFede, A.**, Stewart, J. E., Wilkerson, R. C., & Mayfield-Smith, K. (2017, November). Identifying children at increased risk for elevated blood lead levels: A geospatial approach. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
57. Stewart, J. E., **López-DeFede, A.**, Mayfield-Smith, K., & Wilkerson, R. C. (2017, November). Rural hospital closures increase distance to hospital-based care for populations most vulnerable to environmental hazards. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
58. Mayfield-Smith, K., **López-DeFede, A.**, Stewart, J. E., & Wilkerson, R. C. (2017, November). Providing actionable data to strengthen health programming for the uninsured: A user-interactive, georeferenced environmental scan. Presentation at 2017 APHA Annual Meeting & Expo, Atlanta, GA.
59. **López-De Fede, A.** (2017, July). *SC HealthViz: South Carolina eHealth Medicaid Statistics*. Invited oral presentation at the New Jersey Health Care Quality Institute, Medicaid Transparency Meeting, Trenton, NJ, July 28, 2017.
60. **López-De Fede, A.** (2017, April). *Alternative care models: Lessons from the Healthy Outcomes Program (HOP)*. Presentation at April 7, 2017, SCHA SCHFMA Reimbursement Summit, Columbia, SC.
61. **López-De Fede, A.** (2017, April). *South Carolina Birth Outcomes Initiative: Linking more than 100 stakeholders to improve maternal and infant health outcomes*. Poster presentation at April 10, 2017, ACOG Alliance for Innovation on Maternal Health National Meeting, Baltimore, MD.

Contributed Presentations

Seminars

1. **López-De Fede, A.** (2020, June 5). Driving innovation in healthcare with location intelligence [Webinar]. Esri HealthCare Information Technology Webinar Series. [Virtual conference due to COVID-19.]
2. Adams, L., **López-De Fede, A.**, Walker, S., & Good, S. (2020, May 8). *Identifying your target audience's content needs*. State-University Partnership Learning Network (SUPLN) Webinar.
3. López-De Fede, A., Motes, P. S., & Reed, C. B. (2018, July). *Improving health outcomes & costs through application of the Patient Activation Measure[®]* (Webinar). Presented at meeting of stakeholders of the SC Healthy Outcomes Plan. Columbia, SC: University of South Carolina, Institute for Families in Society, Division of Integrated Health & Policy Research, July 26, 2018.
4. López-De Fede, A., Mayfield-Smith, K. (2018, April). *Introduction to DxCG Risk Software*. [Training webinar presentation to SC Department of Health and Human Services Medicaid

Program Managed Care Plans]. Columbia, SC: University of South Carolina, Institute for Families in Society, Division of Integrated Health & Policy Research, April 17, 2018.

5. Wilkerson, R. C., Lòpez-DeFede, A., & Mayfield-Smith, K. (2018, February). *Plan provider network adequacy assessment*. Webinar presented to representatives of Medicaid Managed Care Plans, USC Institute for Families in Society, Division of Integrated Health & Policy Research: Columbia, SC.
6. Institute for Families in Society, University of South Carolina. (2017, May). *Building and using a geospatial picture: SC DJJ Youth Environmental Scan* (Webinar). Presented to SC Department of Juvenile Justice, May 17, 2017.
7. Lòpez-De Fede, A. (2017, March). Social determinants of health: The elephant in the room. Presentation as guest speaker, March 20, 2017, USC health care leadership course, Arnold School of Public Health, Columbia, SC.
8. Mayfield-Smith, K., Lòpez-DeFede, A., Wilkerson, R. C. & Reed, C. B. (2017, January). *Process for verification of patient centered medical home (PCMH) recipients and providers for reimbursement*. Webinar presented January 19, 2017, to state agency and health plans. Columbia, SC.

Grants and Contracts

Grants and Contracts Received

Project Title	Role	Sponsor	Total Amount and Share of Funding	Start Year	End Year
Consultative and direct research services related to the Sexually Transmitted Infection (STI) Medicaid Assessment. AcademyHealth, under contract with the CDC Foundation.	Principal Investigator	AcademyHealth, under contract with the CDC Foundation.	Budget: \$27,000	2021	2022
Amendment to 2020-2025 Technical Assistance and Support for Policy Research and Evaluation for the State of South Carolina Medicaid Program. Coordination of Data Reporting and Data Analytics for the South Carolina Medicaid Program. SC Department of Health and Human Services	Principal Investigator with Kathy Mayfield-Smith, Co-Principal Investigator	SC Department of Health and Human Services	Budget: \$1,636,552	2021	2025

Project Title	Role	Sponsor	Total Amount and Share of Funding	Start Year	End Year
Technical Assistance and Support for Policy Research and Evaluation for the State of South Carolina Medicaid Program. Coordination of Data Reporting and Data Analytics for the South Carolina Medicaid Program.	Principal Investigator with K. Mayfield-Smith, Co-Principal Investigator	SC Department of Health and Human Services	Budget: \$29,000,000	2020	2025
The Impact of Emergency Medicaid Policy on Reproductive Health Disparities Among New Immigrants	Co-Principal Investigator, and USC Principal Investigator	National Institutes of Health	Total award \$166,000 (IFS share \$30,845)	2019	2023
Effect of the patient-centered medical home on geographic and racial disparities in health care access	Co-Investigator with N. Bell, Principal Investigator	Agency for Healthcare Research and Quality (AHRQ).	Budget: \$100,668	2019	2021
Data research and analytics in support of Public Health Crisis Response Grant.	Principal Investigator , with C. L. Stone, Co-Investigator	U.S. Department of Health and Human Services Centers for Disease Control and Prevention through South Carolina Department of Health and Environmental Control	\$20,000	2019	2019
Co-use of addictive substances in South Carolina and surrounding states [Research study].	López-De Fede, A., & Stone, C. L.	National Center for Health Statistics, Research Data Center at the U.S. Centers for Disease Control and Prevention	NA (research study)	2019	2019
Children’s Health and Resource Geographic	Co-Principal Investigator	USC Educational Foundation/The	\$285,000	2018	2021

Project Title	Role	Sponsor	Total Amount and Share of Funding	Start Year	End Year
Exploration for Data-Driven Decisions: CHARGED3		Duke Endowment.			
Using Data-Driven Methods to Understand and Impact Youth and Family Needs for the South Carolina Department of Juvenile Justice	Co-Principal Investigator	SC Department of Juvenile Justice	Total award \$485,613	2018	2021
Technical Assistance and Support for Policy Research and Evaluation for the State of South Carolina Medicaid Program. Coordination of Data Reporting and Data Analytics for the South Carolina Medicaid Program	Principal Investigator with K. Mayfield-Smith, Co-Principal Investigator	SC Department of Health and Human Services	\$12,750,000	2017	2020
A barrier analysis for improving access to 17-alpha hydroxyprogesterone caproate (17-OH-P) for the prevention of recurrent spontaneous preterm birth in South Carolina: a roadmap towards health equity	Co-Investigator	Greenville Health Sciences Centers – GHS Transformative Seed Grant	Total Award \$20,000 (IFS share - \$0) Only funded for field work out of GHS.	2017	2018
Evaluation, Technical Assistance, and Support for the CHIPRA Quality Initiative	Co-Principal Investigator with K. Mayfield-Smith, Principal Investigator	Centers for Medicaid and Medicare Services through SC Department of Health and Human Services	\$120,194	5/1/2015	12/30/2016
Data Translation and Interpretation, Evaluation, Research and Technical Assistance South Carolina Medicaid Program	Principal Investigator	SC Department of Health and Human Services	\$13,773,352	7/1/2012	6/30/2017

Project Title	Role	Sponsor	Total Amount and Share of Funding	Start Year	End Year
Technical Assistance and Support for Coordination of Data Reporting and Data Analytics for the South Carolina Medicaid Program	Principal Investigator	SC Department of Health and Human Services	\$4,798,559	7/1/2012	6/30/2017
Evaluation, Technical Assistance and Support of the CHIPRA (Children's Health Insurance Program Reauthorization Act State Quality Demonstration	(Co-Principal Investigator with Kathy Mayfield-Smith Principal Investigator)	Centers for Medicare and Medicaid Services through SC Department of Health and Human Services	\$774,518	2/22/2010	2/21/2015
South Carolina Opioid Safety Initiative (SCOSI)	Co-Investigator with C. Bennett & S. Ball, Co-Principal Investigators	US Food & Drug Administration (FDA)/HHS	\$49,684	9/15/2011	9/14/2012
Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation Dual Eligible Population Strategic Planning Contract	Co-Principal Investigator with K. Mayfield-Smith, Principal Investigator	SC Department of Health and Human Services	\$472,275	5/1/2011	9/1/2012
Optimizing Integrated Care in Primary Care Settings for Individuals with Mental Illness – DHHS/Rural Health Medical Practice Federal Stimulus Initiative	Co-Principal Investigator with E. Baxley, Principal Investigator, and M. Orr, Co-Principal Investigator	DHHS/Rural Health Medical Practice Federal Stimulus Initiative	\$152,000	2010	2011
Technical Assistance and Consultation on Medically Complex Medicaid Populations and Evaluation of Managed Care Initiatives for SC Medicaid Program/HHS	Principal Investigator with K. Mayfield-Smith, Co-Principal Investigator	SC Medicaid Program/HHS	\$10,800,000	2007	2012

Project Title	Role	Sponsor	Total Amount and Share of Funding	Start Year	End Year
Preparation of Early Childhood Special Education (ECSE) Personnel in South Carolina	Co-Principal Investigator with W. Brown, Principal Investigator	Office of Special Education Programs in the United States Department of Education	\$798,751	2006	2010
Evaluation of SC TB PhotoVoice Project	Principal Investigator	SC Department of Health and Environmental Control, Division of TB Control/CDC	\$48,000	2007	2009
Technical Assistance and Consultation on Medically Complex Medicaid Populations and Evaluation of Managed Care Initiatives for SC Medicaid Program/HHS	Principal Investigator	SC Medicaid Program/HHS	2,500,000	2005	2007
Evaluation of TB Toolkit for Providers, RTI/CDC	Principal Investigator	TI/CDC	\$74,000	2005	2007
Evaluation of Replication Activities of the SC Medically Fragile Foster Care Children's Program	Principal Investigator	Robert Wood Johnson	\$60,000	2003	2005
Technical Assistance and Consultation on Medically Complex Medicaid Populations and Evaluation of Managed Care Initiatives for SC Medicaid Program/HHS	Principal Investigator	SC Medicaid Program/HHS	\$1,250,000	2003	2005
Technical Assistance and Consultation on Medically Complex Medicaid Populations	Principal Investigator	Department of Health and Human Services	\$1,725,000	2003	2005
Social and Cultural Dimensions of Health Seeking Behaviors among Rural African Americans with Tuberculosis	Principal Investigator	SC Department of Health and Environmental Control/CDC	\$50,000	2002	2005

Project Title	Role	Sponsor	Total Amount and Share of Funding	Start Year	End Year
Technical Assistance and Consultation on High-Cost and High-User Medicaid and Medicare Recipients	Principal Investigator	Department of Health and Human Services	\$750,000	2000	2003
Hispanic/Latino Statewide Health Needs Assessment	Principal Investigator	SC Department of Health and Environmental Control, Office of Minority Health	\$75,000	2000	
BabyNet Statewide Early Intervention Evaluation	Principal Investigator	SC Department of Health and Environmental Control/USDOE	\$50,000	2000	

Grant/Contract Proposals Submitted

(2021) Lòpez-De Fede, A., Principal Investigator, Consultative and direct research services related to the Sexually Transmitted Infection (STI) Medicaid Assessment. AcademyHealth, under contract with the CDC Foundation. For June 1, 2021, through April 30, 2022. "Funding awarded." Budget: \$27,000.

(October 2020) Lòpez-De Fede, A., Principal Investigator, with Kathy Mayfield-Smith, Co-Principal Investigator. Amendment to 2020-2025 Technical Assistance and Support for Policy Research and Evaluation for the State of South Carolina Medicaid Program. Coordination of Data Reporting and Data Analytics for the South Carolina Medicaid Program. SC Department of Health and Human Services. For July 1, 2020, through June 30, 2025. "Funding awarded." Budget \$1,636,552.

(June 2020) Lòpez-DeFede, A., Principal Investigator, with K. Mayfield-Smith, Co-Principal Investigator. Technical Assistance and Support for Policy Research and Evaluation for the State of South Carolina Medicaid Program. Coordination of Data Reporting and Data Analytics for the South Carolina Medicaid Program, SC Department of Health and Human Services. For July 1, 2020, through June 30, 2025. "Funding awarded." Budget: \$29,000,000.

(2019) Lòpez-De Fede, A., Co-Investigator with N. Bell, Principal Investigator, Effect of the patient-centered medical home on geographic and racial disparities in health care access, Agency for Healthcare Research and Quality (AHRQ). 2019-2021 "Funding awarded" Budget: \$100,668

(2019) Lòpez-De Fede, A. Co-use of addictive substances in South Carolina and surrounding states. NCHS RDC Research Proposed. "Funding awarded." Budget: \$20,000

(March 2018) Lòpez-De Fede, A., Shapiro, C., & Mayfield-Smith, K. Contract effective March 1, 2018, with SC Department of Juvenile Justice to provide services related to SCDJJ Family Environmental Scan©. "Funding awarded."

(March 2018) Lòpez-De Fede, A., Co-Investigator with Principal Investigator, Maria Rodriguez, M.D., of the Oregon Health and Science University, March 2018 resubmission of proposal "Examining the role of pregnancy coverage in preventing poor obstetric outcomes among Latina Immigrants" for NIMDH RO1 grant funding. "Funding awarded."

(February 2018) Lòpez-DeFede, A., & Mayfield-Smith, K. Supporting as Co-Investigators in the submission of application for the ASPIRE II grant funding of proposed project "Effect of the patient-centered medical home on geographic and racial disparities in health care access" with Nathaniel Bell, Ph.D., as Principal Investigator, USC College of Nursing, and other key personnel James Brooks, Ph.D., USC Arnold School of Public Health. "Funding not awarded."

(2018) Lòpez-DeFede, A., & Mayfield-Smith, K. Supporting as Co-Investigators the submission of the application for the AHRQ RO3 grant funding of proposed project "Effect of the patient-centered medical home on geographic and racial disparities in health care access" with Nathaniel Bell, Ph.D., as Principal Investigator, USC College of Nursing. Status: Scored 9th percentile, Pending Council Review.

(2018) Lòpez-DeFede, A., & Mayfield-Smith, K. Supporting as Co-Investigators the submission of the application for the Aspire II grant funding of the proposed project "The role of nurse practitioners and physician assistants in reinventing patient centered medical homes" with Nathaniel Bell, Ph.D., as Principal Investigator, USC College of Nursing. Total project amount requested (all years) \$100,000. Status: Unfunded.

(August 2017) Supported submission via subcontract with Greenville Health System for HRSA funding of proposal "Improving South Carolina Child Health Outcomes through Implementation of an Early Childhood Developmental Health System." Funding not awarded.

(2017) Supported submission of AHRQ grant "Effect of the patient-centered medical home on geographic and racial disparities in health care access" with Nathaniel Bell, Ph.D., as Principal Investigator, USC College of Nursing, and other key person James Brooks, Ph.D., USC Arnold School of Public Health, with the overall goal of this proposal is to identify the specific geographic and social factors that result in the greatest amount of care access among Medicaid recipients with pre-existing chronic, psychiatric, and substance abuse conditions and disorders. Status: Scored 16th Percentile. Unfunded.

(2017) Supported submission of NIH Grant (PAR-16-392) "The effects of Medicaid self-referral policy changes on adults' behavioral health service use patterns following traumatic brain injury (R21) with Nathaniel Bell, Ph.D., Principal Investigator. Total project amount requested (all years) \$273,349. Status: Not Discussed.

(November 2017) Submission as Co-Principal Investigator with Cheri Shapiro, Ph.D., and Kathy Mayfield-Smith, MA, MBA, all with the USC Institute for Families in Society, to The Duke Endowment "Charged³: Children's health & resource geographic exploration for data-driven decisions." On-site invited presentation to Duke award team representative on February 9, 2018. Awaiting decision.

(September 2017) As proposed Co-Investigator with Principal Investigator, Maria Rodriguez, M.D., of the Oregon Health and Science University, supported submission for NIH RO1 grant funding for “Examining the role of pregnancy coverage in preventing poor obstetric outcomes among Latina immigrants.” Funding not granted

(May 2017) Submitted but not awarded 2017 Robert Wood Johnson County Health Rankings Research Grants Brief Proposal through a partnership between the Institute for Families in Society, Division of Medicaid Policy Research (MPR) and the Core for Applied Research and Evaluation (CARE), Arnold School of Public Health at the University of South Carolina with aims to 1) refine current Rankings model methodology using hotspot mapping of geographic clusters within counties to frame a regional analysis in the Black Belt South Region, to track changes in county-level Health Factors and Outcomes over time (2010-2017) and 2) explore use of two novel measures and alternative data sources to create sub-county health Rankings at the South Carolina (SC) ZIP Code Tabulation Area (ZCTA) Level (2017) to target and strengthen local efforts to improve population health and advance health equity in South Carolina communities.

(January 2017) Division of Medicaid Policy Research, Institute for Families in Society, University of South Carolina. Coordination of Robert Wood Johnson/AcademyHealth site visit to explore case study opportunity highlighting South Carolina’s success with the SC Birth Outcomes Initiative and SC Healthy Outcomes Plan programs. Participants included stakeholders in state and local health care field, including SC Department of Health and Human Services, SC State Hospital Association, Greenville Health System, Palmetto Health, Celia Saxon Health Center, and USC PASOs.

(June 2016) Supported as Co-Investigator the resubmission of Nathaniel Bell, Ph.D., Principal-Investigator, in application for AHRQ Small Research Grant Program RO3 funding of project “The effects of Medicaid self-referral policy changes on adults' service use patterns in South Carolina”

	HealthBegins and coordinated by the UofSC's Core for Applied Research and Evaluation.	
2020	Member, [Exploratory] Beneficiary Advisory Council, SC Department of Health and Human Services	
2020	Women's Health Research Forum Panel Planning Committee. Women's Health in Rural SC: Promoting Access and Equity	
2020	South Carolina Representative in Research Project - Sexually transmitted disease testing in Medicaid populations. Supported by the Centers for Disease Control and Prevention and directed by AcademyHealth	
November, 2020	Invited Reviewer, National Institutes of Health (NIH) Review Panel, Community Interventions to Address the Consequences of the COVID-19 Pandemic Among Health Disparity and Vulnerable Populations W (5 RO1 Grant Applications). University of South Carolina.	
June, 2020	Journal Reviewer, Preventing Chronic Disease	
January, 2020	Invited member, SUPLN Dissemination Workgroup, AcademyHealth State-University Partnership Learning Network	
2019-2020	Invited Subject Matter Expert, HealthBegins Design Committee to inform development of SC Roadmap to Food Security Learning Collaborative, BlueCross® BlueShield® of South Carolina Foundation, in partnership with The Duke Endowment, facilitated by HealthBegins and coordinated by the UofSC's Core for Applied Research and Evaluation.	
October, 2019	Invited Reviewer, Research in Transforming Health and Health Care Systems 2019 Call for Proposals, Robert Wood Johnson Foundation.	
September, 2019	Journal reviewer, Preventing Chronic Disease	
February, 2019	Journal reviewer, Preventing Chronic Disease	
January, 2019	Journal reviewer, International Journal for Equity in Health	
January, 2019	Journal reviewer, Journal of Women's Health	
August, 2018	Invited Reviewer, AHRQ Special Emphasis Panel, Funding Applications (3 applications).	
April, 2018	Reviewer, Late-Breaking Research Abstracts (32), AcademyHealth Annual Research Meeting, June 24-26, 2018. Seattle, Washington.	
2018	Invited Member, AcademyHealth Project Advisory Committee for Research Insights	

	Conference Series, supported by a grant from the Agency for Healthcare Research and Quality.	
2018	Member, Planning Committee, South Carolina Clinical and Translational Research Institute (SCTR) Scientific Retreat on Opioids Research.	
2018	Invited Member, AcademyHealth Project Advisory Committee for Research Insights Conference Series, supported by a grant from the Agency for Healthcare Research and Quality.	
2017-Present	Member, Advisory Committee, Robert Wood Johnson Foundation Funded-Grant: Developing guiding principles and a strategic framework for RWJF in grant-making that influences the health-care-related social services sector.	
2017	Invited Reviewer, Robert Wood Johnson Foundation Grant Proposals.	
2017	Invited Member, SC Behavioral Health Coalition (SCBHC). Mission: to establish a comprehensive system at the state and community level that ensures access to, coverage for, effective coordination and awareness of mental health and substance use disorders services and resources for individuals and families living in SC.	
2017-2020	Member, Board of Directors, National Perinatal Information Center/Quality Analytic Services (NPIC/QAS)	
October, 2017	Journal reviewer, BMC Medicine	
February, 2017	Reviewer, Healthcare Systems and Value Research (HSVR) Study Section, Agency for Healthcare Research and Quality (AHRQ)	
2016-2017	Journal reviewer, International Journal for Equity in Health	
2016-2017	Member, Fulbright Campus Evaluation Committee, University of South Carolina	
2016-2018	Member, 2016 Tri-County Community Health Needs Assessment (CHNA) Data Review Committee, comprised of local and state leaders in the fields of data and evaluation, public health, academia, and hospital administration.	
2016	Journal reviewer [two submissions], <i>Public Health Reports</i>	
2014-Present	Invited participant, AcademyHealth State-University Partnership Learning Network (SUPLN): Building State Capacity to Develop, Find, and Use Data and Other Evidence for Policymaking	

2014	Invited participant, Duke Center for Health Informatics (SCHI) 1st Geomedicine Summit, October 13-14, 2014, Durham, NC	
2013-Present	Chairperson, South Carolina Healthy Outcomes Plan (HOP) Data Work Group, SC Department of Health and Human Services, Medicaid Program. Linked datasets across all payors with quality reporting.	
2013-2017	Member, South Carolina Data Oversight Council, South Carolina Revenue and Fiscal Affairs Office	
2012-Present	Chairperson, South Carolina Birth Outcomes Initiative (BOI) Data Work Group, SC Department of Health and Human Services, Medicaid Program. Linked datasets across all payors with quality reporting.	
2012-2018	Member, Healthcare Systems, and Value Research (HSVR) Study Section, Agency for Healthcare Research and Quality (AHRQ)	
April 2010	AHRQ Special Review Panel (iADAPT- R18)	
2010-2012	President, Board of Directors, Richland Tuberculosis Association	
May 2009	External Consultant, Centers for Disease Control and Prevention. Program Collaboration and Service Integration: Enhancing the Prevention and Control of HIV/AIDS, Viral Hepatitis, Sexually Transmitted Diseases, and Tuberculosis in the United States. Atlanta (GA): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention.	
April 2009	External Consultant, Centers for Disease Control and Prevention. Addressing Social Determinants of Health: Accelerating the Prevention and Control of HIV/AIDS, Viral Hepatitis, STD, and TB. External Consultation Meeting	
2009	Chair, Carolina Women's Health Research Forum Scientific Committee	
2008-Present	Journal Reviewer, <i>Ethnicity and Disease</i>	
2008-Present	Journal Reviewer, <i>The International Journal of Tuberculosis and Lung Disease</i>	
2008- 2011	Commissioner's Advisory Council on the Elimination of Health Disparities, South Carolina Department of Health and Environmental Control	
2008- 2010	Chair, African American, and Foreign-Born Committee of the National Advisory Committee of Centers for Disease Control, Division of TB Control	

2008- 2009	Member, Tuberculosis Scientific Section, the International Union Against Tuberculosis and Lung Disease	
2008-2010	Vice-Chair, South Carolina Tuberculosis Association	
2007-2008	Member, Carolina Women’s Health Research Forum Scientific Committee	
2006-2010	Member, National Advisory Committee of Centers for Disease Control, Division of TB Control	
1995-2007	Member, Robert Wood Johnson Medicaid Working Group	

University

Dates	Duties	Recompense
2021	Invited Reviewer, University of South Carolina 2021 Breakthrough Leadership Award Nominations (12). University of South Carolina	
2021	Invited Reviewer, University of South Carolina 2021 Breakthrough Scholars Award Applications (11). University of South Carolina.	
2021	Invited Reviewer, University of South Carolina 2021 Breakthrough Stars Award Nominations (14). University of South Carolina.	
2020-Present	Member, University of South Carolina Council for Research Excellence	
2020-Present	Member, University of South Carolina Strategic Priority Committee	
November, 2020	Invited Reviewer, University of South Carolina 2021 Breakthrough Graduate Scholars Award Nominations (20). University of South Carolina.	
November, 2020	Invited Reviewer, University of South Carolina 2021 Breakthrough Stars Award Nominations (13). University of South Carolina	
2020	University of South Carolina, Contractor Diversity & Inclusion	
2020	Women’s Health Research Forum Panel Planning Committee. Women’s Health in Rural SC: Promoting Access and Equity	
2016-Present	Member, IT Research Advisory Committee, University of South Carolina	
2016-Present	Member, <i>University of South Carolina’s Research Awards Review Committee (RARC)</i>	

Department

Dates	Duties	Recompense
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2018-Present	Associate Director, Institute for Families in Society, University of South Carolina	
2009-Present	Member, Executive Committee, Institute for Families in Society, University of South Carolina	

PERSONAL STATEMENT – *Statement of Purpose*

To keep the present statement to a manageable length, I have divided this document into four sections: overview, research, service, and teaching. The overview intends to provide a general overview of the foundations that guide my efforts as a Research Professor

Overview

The intersection of two professional fields directs my professional efforts. I define myself first as an applied health services and health policy researcher in an evolving field. My work rests within a “multidisciplinary field of scientific investigation that studies how social factors, finance systems, organizational structures and processes, health technologies and personal behaviors affect access to health care, the quality and cost of health care, and ultimately our health and well-being. Its research domains are individuals, families, organizations, institutions, communities, and populations. (Academy for Health Services Research and Health Policy, 2000). Second, I am investigating how social, psychological, political, and economic factors contribute to health and health inequalities. This second field approach is deeply rooted in social epidemiological and population health methodological applications.

The current body of research informs and evaluates innovations in public and private health insurance. Specifically, we examine changes in Medicaid and Medicare policy; disparities in access and utilization of care; changes in coverage; the quality of the delivery systems (e.g., managed care versus fee-for-service); trends and policies impacting the uninsured; disease management and prevention; payment reform (e.g., managed care pay-for-performance and quality performance); cost-effectiveness of new innovations (e.g., CenteringPregnancy program); health and geographical place; and new models resulting in better outcomes (e.g., SC Birth Outcomes Initiative and the Healthy Outcomes Plan for the uninsured). As such, I lead and contribute to the work of a multidisciplinary team (28 individuals) positioned to respond to a wide range of issues with skill sets to address the analysis of a population of 1.3 million individuals served by the SC Medicaid Program.

Hence, my overall professional goal is to improve the lives of individuals and families by examining the processes and structures that facilitate or hinder positive health outcomes. My ability to achieve this goal requires that I have an in-depth understanding of service delivery systems, research methods to examine large data sets, and that I develop new frameworks to communicate complex relationships to foster programmatic and health policy innovation. As an applied researcher with a specialization in public health insurance, I am committed to the mission of the Institute for Families in Society to lead and develop “research that improves policy, advances professional practice, and strengthens communities and family well-being.” As an applied researcher at the University of South Carolina, I am committed to research that helps examine the needs of approximately one-quarter of the citizens of the state. Lastly, I believe that academia provides a platform for achieving this goal through research, service, and teaching. These roles are critical to achieving these goals.

Research

In **research**, my goal is that the research contributes to solving real-world problems. Although basic research is a component of this work, I am committed to applied research. As an example, the collaboration with the College of Nursing on OB/GYN geographical access to high-risk rural pregnancy resulted in a publication in the *Journal of Nursing Regulations* (Bell, Hughes, & Lòpez-DeFede, 2018).

This work contributed to a growing debate on the role of Nurse Practitioners in delivering health care services in South Carolina (https://www.scstatehouse.gov/sess122_2017-2018/bills/345.htm).

Our work in examining the barriers to the implementation of policies that increase access to contraception to promote better health outcome is a critical public health issue. The SC Medicaid Program currently pays for **52%** of all births and **82%** of all teen births. In collaboration with researchers at Oregon Health System, we leveraged our knowledge of Medicaid policy innovation to examine the impact of Medicaid emergency services on Hispanic maternal outcomes:

Funded 2019-2023. The Impact of Emergency Medicaid Policy on Reproductive Health Disparities Among New Immigrants. National Institutes of Health. (**Co-Investigator** with Principal Investigator, Maria Rodriguez, M.D., of the Oregon Health and Science University, and **USC Principal Investigator**). Total award \$166,000 (IFS share \$30,845).

Our social epidemiological work has moved to develop application innovative, user-friendly technology application for communities to make a data-driven decision in planning improved outcomes. The applications development efforts have resulted in collaboration on two newly funded research projects:

Funded 07/01/2018-6/30/2021. Children's Health and Resource Geographic Exploration for Data-Driven Decisions: CHARGED3. USC Educational Foundation/The Duke Endowment. (**Co-Principal Investigator** with C. Shapiro, Principal Investigator, and K. Mayfield-Smith, Co-Principal Investigator) Budget: \$285,000

Funded 03/01/2018-02/28/2021. Using Data-Driven Methods to Understand and Impact Youth and Family Needs for the South Carolina Department of Juvenile Justice. SC Department of Juvenile Justice. (**Co-Principal Investigator** with C. Shapiro, Principal Investigator and K. Mayfield-Smith, Co-Principal Investigator) Budget: \$485,613

Additionally, our recent publications in *Preventing Chronic Disease* (López-DeFede, & Stewart, 2019) and in development will move this work from the use of South Carolina to national data sets.

In the last five years, as Principal Investigator or Co-Principal Investigator, I have received over **20 million** dollars in research funding. This position and that of the research faculty, research associates, and central core are completely supported through this funding – approximately 38 individuals. Additionally, this funding supports the salaries of members of the administrative core staff of the Institute for Families in Society. This research portfolio accounts for approximately 85% of all research funding at the Institute for Families in Society.

Service

In **service**, the primary goal is to build and maintain a robust connection between applied research and national health care initiatives. As such, I have served as a Medicaid Research Invited Member, Healthcare Systems and Value Research (HSVR) Study Section, Agency for Healthcare Research and Quality (AHRQ), and Academic Institution Participant, AcademyHealth State-University Partnership Learning Network (SUPLN): Building State Capacity to Develop, Find, and Use Data and Other Evidence for Policymaking. At USC, I served as a member of the Executive Committee of the Institute for Families in Society; Member, USC IT Research Advisory Committee, USC HIPAA Committee Member; and

Member, University of South Carolina's Research Awards Review Committee. Additionally, I continue to play a critical role as a reviewer across several professional journals (Journal Reviewer: *Public Health Reports* [two submissions], *Ethnicity and Disease*, and *The International Journal of Tuberculosis and Lung*); and for the Maternal and Child Section of the American Public Health Association. Lastly, I am a member of a writing team with AcademyHealth, CMS, and Office of The Assistant Secretary for Planning and Evaluation, HHS, for a referred journal publication guiding the use of Transformed Medicaid Statistical Information System (T-MSIS) to research opioid prescriptions. This collaboration has resulted in one submission to *Medical Care Research and Review* (López-DeFede, A. et al., 2019, April, Submitted) and conference abstract for presentation (López-DeFede, A. et al., 2019, March, Submitted).

Teaching

In **teaching**, either on campus as a function of mentoring junior faculty and graduate students or off campus at professional meetings, policy makers, health care policy analysts, or community stakeholders, there are two things that I want to ensure from these efforts. First, I want to ensure that my teaching reflects a passion for applied research and the opportunities this type of work can make in the lives of individuals. It is vital to convey the interconnections between different areas of study and the value of an interdisciplinary approach applied to conduct health services and policy research. Second, effective teaching must include the challenge to participants to take the new learning and apply critical thinking skills to solve new problems and explore new initiatives to guide the well-being of individuals in their communities. In conducting big-data research, it can be easy to distance oneself from the individuals making up the analysis. As an applied researcher, it is crucial to make sure the statistics or dollars reflect individuals with distinct voices and needs. I have successfully served as a member of their dissertation committees or helped to and participated in guiding the work of three doctoral students who have successfully defended their dissertation (Alia, 2018; Nguyen, 2019; Stewart, 2018).

As a Research Professor at the Institute for Families in Society, I am guided by a life-long commitment to research that helps to improve policy and engages stakeholders in a data-driven decision that strengthens communities and individual well-being. I continue to strive to build a publication portfolio (Bell, López-DeFede, Prest, Cai, & Brooks, Submitted; Bell, Wilkerson, Mayfield-Smith, & López-DeFede, To be submitted; Bell, N., López-DeFede, Prest, King & Jones, In development; López-DeFede, Stewart, In development) and to pursue new funding opportunities that build on the expertise working with Medicaid data:

Co-Investigator with Nathaniel Bell, Principal Investigator. The role of patient-centered medical homes in reducing disparities in surgical outcomes among Medicaid beneficiaries (R21). NIMHD, Start Date: 7/2020; End Date: 6/2022. Total project amount requested (all years): To be determined, In Preparation.

(2018) López-DeFede, A., & Mayfield-Smith, K. Supporting as Co-Investigators the submission of the application for the AHRQ RO3 grant funding of proposed project "Effect of the patient-centered medical home on geographic and racial disparities in health care access" with Nathaniel Bell, Ph.D., as Principal Investigator, USC College of Nursing. Status: Scored 9th percentile, Pending Council Review.

Lastly, several significant initiatives continue to build on collaborative funding across differing units at the Institute for Families in Society, i.e., Duke Endowment and First Steps.