

Liza M. Creel, PhD
University of Louisville
Department of Health Management and Systems Sciences
School of Public Health and Information Sciences
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EDUCATION

Texas A&M University College Station, TX
Doctor of Philosophy in Health Services Research August 2015
Concentration: Health Economics and Policy
Dissertation: *Hospital-based Implementation of Newborn Hearing Screening in a Cohort of Infants
Admitted to the NICU: Outcomes and Implications for Policy and Practice*
Dissertation Committee: Robert Ohsfeldt, PhD (chair), Sean Gregory, PhD, Hongwei Zhao, ScD, Jean
Brender, PhD

The University of Michigan Ann Arbor, MI
Master of Public Health April 2006
Concentration: Health Policy

University of Texas Southwestern Medical Center Dallas, TX
Bachelor of Science in Health Services Administration

ACADEMIC POSITIONS

University of Louisville
School of Public Health and Information Sciences
Department of Health Management and Systems Sciences
Commonwealth Institute of Kentucky
Associate Professor July 2021 - present
Assistant Professor July 2015 – June 2021
Co-Director, Commonwealth Institute of Kentucky December 2019 - present
Commonwealth Scholar April 2016 - present
Associate in Pediatrics July 2016 - present

Teaching Experience

Health Policy and Analysis (PHMS-610)

This course is designed to introduce students to health policy, mechanisms through which policy is made at the state and federal level, and strategies for health policy analysis.

Health Policy Research (PHMS-715)

This course is designed to introduce students to research that aims to inform public policy and health organizations' decisions related to the effectiveness, efficiency, and equity of public health, population health, and personal health services.

Microeconomic Theory (PHMS-740)

This course is designed to introduce HMSS health policy research doctoral students to the core principles of microeconomic theory, specifically as it relates to health policy-making and health care delivery.

HMSS Doctoral Seminar Series (PHMS-751/752)

This course is designed to introduce HMSS doctoral students to significant literature related to major influential factors impacting the context of doctoral careers in public health management and health services research.

Nominated for Student Champion, 2021

Nominated for Faculty Favorite, 2018-2019

Nominated for Faculty Favorite, 2017-2018

Nominated for Faculty Favorite, 2016-2017

Mentoring Experience

Sonali Salhunke, 2021-present, Doctoral Dissertation, Committee Chair
Carmen Mitchell, 2021-present, Doctoral Dissertation, Committee Chair
Sara Choate, 2020-present, Doctoral Dissertation, Committee Chair
Haritha Pallam, 2020-present, Doctoral Dissertation, Committee Co-Chair
Roy Olpin, 2019-present, Doctoral Dissertation, Committee Member
Deborah Niyongabo, MPH, 2019-2020, Doctoral Dissertation, Committee Member
Giang Vu, DDS, MS, 2018-2020, Doctoral Dissertation, Committee Member
Mohamed Ahmed, 2018-present, Doctoral Dissertation, Committee Member
Nida Ali, PhD, MPH, 2016-2017, Doctoral Dissertation, Committee Member
Rachael Polis, DO, MPH, 2016-2017, MPH Practicum
Susan Buchino, PhD, OTR/L, 2015-2016, Doctoral Dissertation, Committee Member

Funded Research - Current

Studying Freedom House's Collaborative Approach to Cross-Sector Alignment in Kentucky to Improve Outcomes for Pregnant and Parenting Women in Recovery. (May 2020 – April 2022).

Creel (PI).

Robert Wood Johnson Foundation

This project will assess alignment variations across rural and urban contexts by evaluating Freedom House, an evidence-based model to provide substance use treatment and parenting supports for women and their families, focusing on Freedom House's coordinated efforts among public health, health care, and social services systems in Kentucky. The study will examine the program and its recent expansion into a rural community to see how well and in what ways organizations participating in these systems align in terms of core components of alignment (purpose, data sharing, financing, and governance). With a focus on health equity, the study will identify and explain similarities and differences between rural and urban settings as it relates to program implementation, cross-sector alignment, and client outcomes.

Amount: \$290,708 (\$271,068 direct), 12-14% FTE annually.

Role: Principal Investigator

Communities Helping the Hearing of Infants by Reaching Parents: the CHHIRP Navigator Trial, R01. (April 2019 – March 2023). Bush (PI).

University of Kentucky Research Foundation, NIH/NIDCD

Hearing loss is the most common sensory congenital disorder and this condition is diagnosable and treatable. Infants who are born with hearing loss must undergo several hearing tests to diagnose the condition, and many families are delayed in receiving this testing or never obtain the necessary testing and treatment. This study evaluates (1) whether patient navigation in state-funded clinics throughout Kentucky increases parents' follow-through with testing, (2) factors that promote or impede its delivery, and (3) cost-effectiveness of this approach.

Amount: \$165,019 (\$113,698 direct), 5-15% FTE annually

Role: Co-Investigator

Behavioral Parent Training for Families with Deaf and Hard of Hearing Preschoolers, R01. (July 2018 – June 2023). Studts (PI).

University of Colorado Denver, NIH/NIDCD

Despite being more likely than normal hearing children to experience disruptive behavior problems, children who are deaf and hard of hearing (DHH) rarely receive behavioral interventions to prevent the long-term costly outcomes of behavior problems. This project will systematically adapt an evidence-based parent training intervention to increase its acceptability and relevance for parents of young DHH children. Effectiveness of the adapted intervention and its implementation in "real world" hearing healthcare clinics will be assessed.

Amount: \$100,389 (\$65,188 direct), 5-15% FTE annually

Role: Co-Investigator

Mountain States Regional Genetics Network Evaluation. (June 2020 – May 2024). Creel (PI)

Texas Health Institute, Health Resources and Services Administration

The purpose of this study is to evaluate outcomes related to the Mountain States Regional Genetics Network (MSRGN). The study uses primary and secondary data to examine changes in genetic services delivery associated with the MSRGN.

Amount: \$200,000 (\$166,244 direct), 16% FTE

Role: Principal Investigator

Safeguarding Medication Use and Improving Care Delivery for Children Receiving Kentucky Medicaid. (July 2020 – June 2022). Davis (PI).

Kentucky Cabinet for Health and Family Services, State University Partnership

Lead and participate in studies exploring outcomes for children on Medicaid. Studies focus on outcomes for children prescribed psychotropic medications as well as antibiotics and vaccinations.

Amount: \$801,498 (\$513,780 direct), 15% FTE

Role: Co-Investigator

Improving Timely Documentation, Reporting, and Analysis of Diagnostic and Intervention Data through Optimization of EHDI Surveillance Practices and Information Systems. (July 2020 – June 2024). Creel (PI)

Kentucky Cabinet for Health and Family Services, Centers for Disease Control and Prevention

The purpose of this project is to collaborate with the Kentucky EHDI Program to provide data analysis and evaluation related to both program implementation and screening outcomes. In addition, through expanded funding, the project seeks to create and validate data files for a national limited data set, including conducting data analysis with the final dataset.

Amount: \$194,000 (\$131,831 direct), 9% FTE

Role: Principal Investigator

Funded Research - Previous

Louisville Law Enforcement Assisted Diversion (LEAD) Pilot Evaluation. (October 2017 – September 2020). Creel (PI).

Louisville/Jefferson County Metro Government, Department of Justice, Bureau of Justice Administration

This study investigates the criminal justice and health outcomes for individuals participating in the Law Enforcement Assisted Diversion (LEAD) pilot in Louisville, Kentucky. It also includes a study of fidelity to the Seattle LEAD model. The project is in partnership with the implementing agency, Metro Louisville Criminal Justice Commission.

Amount: \$65,984 (\$42,198 direct), 10% FTE

Role: Principal Investigator

Kentucky EHDl Data Analysis and Research Support (July 2017 – June 2020). Creel (PI)

Kentucky Cabinet for Health and Family Services, Centers for Disease Control and Prevention

The purpose of this project is to collaborate with the Kentucky EHDl Program to provide data analysis and evaluation related to both program implementation and screening outcomes. In addition, through expanded funding, the project seeks to create and validate data files for a national limited data set, including conducting data analysis with the final dataset.

Amount: \$139,848 (\$90,810 direct), 20% FTE

Role: Principal Investigator

Safeguarding Medication Use and Improving Care Delivery for Children Receiving Kentucky Medicaid. (July 2018 – June 2020). Davis (PI).

Kentucky Cabinet for Health and Family Services, State University Partnership

Lead and participate in studies exploring outcomes for children on Medicaid. Studies focus on outcomes for children prescribed antibiotics and those getting vaccinations.

Amount: \$660,090 (\$513,037 direct), 10% FTE

Role: Co-Investigator

Mountain States Regional Genetics Network Evaluation. (June 2017 – May 2020). Creel (PI)

Texas Health Institute, Health Resources and Services Administration

The purpose of this study is to evaluate outcomes related to the Mountain States Regional Genetics Network (MSRGN). The study uses primary and secondary data to examine changes in genetic services delivery associated with the MSRGN.

Amount: \$150,000 (\$122,620 direct), 20% FTE

Role: Principal Investigator

Kentucky Early Intervention System Child Outcomes KEDS Data System Evaluation. (July 2018 – April 2020). Davis (PI).

Kentucky Cabinet for Health and Family Services

This study will assess the extent to which the current measurement system accurately measures child developmental progress and if there is concurrent validity between assessment instruments currently used.

Amount: \$181,273.00 (\$164,794 direct), 20% FTE

Role: Co-Investigator

Safeguarding Medication Use and Improving Care Delivery for Children Receiving Kentucky Medicaid. (July 2017 – June 2018). Davis (PI).

Kentucky Cabinet for Health and Family Services, State University Partnership

Lead and participate in studies exploring outcomes for children on Medicaid. Studies focus on outcomes for children prescribed psychotropic drugs, including antipsychotic medications. In addition, studies explore outcomes for children with special health care needs, including autism.

Amount: \$1,579,932 (\$1,161,715 direct), 20% FTE

Role: Co-Investigator

Kentucky EHDI Family and Community Engagement (FACE) Project Evaluation (April 2017 – March 2020). Creel (PI)

Kentucky Cabinet for Health and Family Services, Health Resources and Services Administration

The purpose of this project is to collaborate with the Kentucky EHDI Program to identify gaps related to identification, diagnosis, and intervention process related to newborn hearing screening, evaluate stakeholders perceptions of the Program and needs related to newborn hearing loss, and provide data analysis and evaluation related to both program implementation and screening outcomes.

Amount: \$94,500 (\$61,364 direct), 10% FTE

Role: Principal Investigator

Safeguarding Medication Use and Improving Care Delivery for Children Receiving Kentucky Medicaid. (July 2016 – June 2017). Davis (PI).

Kentucky Cabinet for Health and Family Services, State University Partnership

Lead and participate in studies exploring outcomes for children on Medicaid. Studies focus on outcomes for children prescribed psychotropic drugs, including antipsychotic medications. In addition, studies explore outcomes for children with special health care needs, including autism.

Amount: \$1,408,656 (\$1,020,765 direct), 15% FTE

Role: Co-Investigator

Mountain States Genetics Regional Collaborative Evaluation. (June 2016 – May 2017). Creel (PI)

Texas Health Institute, Health Resources and Services Administration

The purpose of this study is to evaluate outcomes related to the Mountain States Regional Genetics Network (MSRGN). The study uses primary and secondary data to examine changes in genetic services delivery associated with the MSRGN. The MSGRC is one of seven HRSA-funded Genetics Networks. The MSGRC covers an eight state region that includes Arizona, Colorado, Montana, Nevada, New Mexico, Texas, Utah and Wyoming.

Amount: \$45,000 (\$36,599 direct), 15.5% FTE

Role: Principal Investigator

Texas Healthcare Transformation and Quality Improvement Program: 1115(a) Medicaid Demonstration Waiver Evaluation. (July 2015 – April 2017). Wendel (PI)

Texas Health and Human Services Commission, Texas A&M School of Public Health

This study examined the effects of the 1115 Waiver on interorganizational collaborations and assessed stakeholder perceptions of the 1115 Waiver Program and implementation in each Regional Healthcare Partnership.

Amount: \$171,521 (\$142,934 direct), 15% FTE

Role: Co-Principal Investigator

ACA Outreach and Enrollment in Louisville Metro. (January 2016 – October 2016). Creel (PI)

Family Health Centers, Jewish Hospital & St. Mary's Foundation, Robert Wood Johnson Foundation
The purpose of this study was to examine the evolution of outreach and enrollment activities and provide a broad characterization of the remaining uninsured population in Louisville. The results will inform continued work toward expanding enrollment, incorporating the newly insured population into the local health care system, and expanding coverage to individuals without insurance.

Amount: \$17,500 (\$15,625 direct), 20% FTE

Role: Principal Investigator

FY16 SIM Consumer Input Project. (September 2015 – October 2015). Wendel (PI)

Kentucky Cabinet for Health and Family Services

The purpose of this study was to gather and report consumer input on the Kentucky State Innovation Model Plan.

Amount: \$39,567 (\$25,861 direct), 23% FTE

Role: Co-Principal Investigator

Submitted Research – Under Review

None

Submitted Research - Unfunded

Gaps in Medicaid coverage: Why do they occur and how do they Impact children and the healthcare system in Kentucky. (March 2018 – February 2019). Davis (PI)

Passport Health Plan

Amount: \$49,995 (\$32,464 direct), 1% FTE

Role: Co-Investigator

Evaluation of Technology-Assisted community Transitions Program. (December 2016 – November 2018). Creel (PI).

Louisville / Jefferson County Metro Government, Robert Wood Johnson Foundation

Amount: \$75,000 (\$52,017 direct), 11% FTE

Role: Principal Investigator

Metro-Louisville Accountable Health Community. (January 2017 – December 2022). Faul (PI).

CHI Institute for Research & Innovation

Amount: \$738,695 (\$479,672 direct), 10% FTE

Role: Co-Investigator

Helping Infants Get Hearing Resources: The HIGHER Patient Navigator Trial. (September 2017 – August 2022). Bush (PI).

University of Kentucky Research Foundation / NIH

Amount: \$165,019 (\$113,698 direct), 5-15% FTE

Role: Co-Investigator

Helping Infants Get Hearing Resources: The HIGHER Patient Navigator Trial. RESUBMISSION (July 2018 – June 2023). Bush (PI).

University of Kentucky Research Foundation / NIH

Amount: \$165,019 (\$113,698 direct), 5-15% FTE

Role: Co-Investigator

The Impact of Medicaid Expansion on Utilization of Mental Health Services in Kentucky. LOI (2016 – 2017). Buchino (PI).
Passport Health Plan
Amount: \$35,000 (\$22,876 direct), 12% FTE
Role: Co-Investigator

RELATED RESEARCH EXPERIENCE

Texas A&M University Health Science Center Department of Health Policy and Management

Senior Project Coordinator

June 2013 – June 2015

Evaluation of the Texas Healthcare Transformation and Quality Improvement Program: 1115(a) Medicaid Demonstration Waiver

This study is an evaluation of the Texas 1115(a) Medicaid Demonstration Waiver Program, examining changes in access, quality, and cost associated with the Program. The study is funded by contract through the State of Texas and uses qualitative and quantitative methods.

- Served as coordinator for three evaluation goals under the study, focusing specifically on changes in regional collaboration and stakeholder perceptions of the program
- Obtained IRB approval from TAMU
- Participated in development of survey instruments and study reports / manuscripts
- Coordinated data collection for social network study and stakeholder perceptions survey
- Conducted telephone-based surveys and quantitative data analysis for social network study
- Conducted web-based survey and qualitative/quantitative data analysis for stakeholder perceptions survey
- Conducted professional and patient interviews for separate evaluation goal focused on patient care navigation outcomes

Neonatology Research Fellow

January 2014 – June 2015

Texas A&M and Baylor Scott & White Partnership on Pediatric Outcomes Research

The Neonatology Research Fellowship is a program designed to support doctoral level student training in the area on neonatology and pediatric outcomes research.

- Served as first Neonatology Research Fellow
- Conducted advanced descriptive and retrospective analyses using longitudinal data
- Conducted literature reviews
- Supported interorganizational team of clinicians and researchers across Texas A&M University Health Science Center and Baylor Scott & White

PUBLICATIONS

Peer Reviewed Journal Publications

1. Davis, D.W., Lohr, W.D., Feygin, Y. **Creel, L.**, Jawad, K., Jones, V.F., Williams, P.G., Le, J., Trace, M., Pasquenza, N. High-level psychotropic polypharmacy: a retrospective comparison of children in foster care to their peers on Medicaid. *BMC Psychiatry* 21, 303 (2021). <https://doi.org/10.1186/s12888-021-03309-9>

2. Wattles B.A., Vidwan N.K., Feygin Y., Jawad K.S., **Creel L.M.**, Smith M.J. Antibiotic prescribing to Kentucky Medicaid children, 2012-2017: Prescribing is higher in rural areas. *J Rural Health*. 2021 May 12. doi: 10.1111/jrh.12584. Epub ahead of print. PMID: 33978987.
3. Davis, D. W., Jawad, K., Feygin, Y., **Creel, L.**, Kong, M., Sun, J., Lohr, W. D., Williams, P. G., Le, J., Jones, V. F., Trace, M., & Pasquenza, N. (2021). Disparities in ADHD Diagnosis and Treatment by Race/Ethnicity in Youth Receiving Kentucky Medicaid in 2017. *Ethnicity & disease*, 31(1), 67–76. <https://doi.org/10.18865/ed.31.1.67>
4. Davis, D., Feygin, Y., **Creel, L.M.**, Kong, M., Jawad, K., Sun, J., Blum, N., Lohr, D.W., Williams, P.G., Le, J., Jones, V.F., & Pasquenza, N. (2020). Epidemiology of Treatment for Preschoolers on Kentucky Medicaid Diagnosed with Attention-Deficit/Hyperactivity Disorder. *Journal of Child and Adolescent Psychopharmacology*, 30(7), 448-455. doi: 10.1089/cap.2020.0015
5. **Creel, L.M.**, Van Horn, A., Hines, A., & Bush, M.L. (2020). Neonatal Abstinence Syndrome and Infant Hearing Assessment: A Kids' Inpatient Database Review. *The Journal of Early Hearing Detection and Intervention*, 5(1), 20-27. doi: <https://doi.org/10.26077/gdpm-at71>
6. Yingling M.E., **Creel L.M.**, & Bell B.A. (2020). Assessing the Healthy People 2020 Objective to Expand Early Treatment Receipt Among a National Sample of Children with ASD. *Journal of Developmental and Behavioral Pediatrics*. 2020;10.1097/DBP.0000000000000786. doi:10.1097/DBP.0000000000000786
7. Le, J., Feygin, Y., **Creel, L.**, Lohr, W. D., Jones, V. F., Williams, P. G., Myers, J., Pasquenza, N., & Davis, D. W. (2020). Trends in diagnosis of bipolar and disruptive mood dysregulation disorders in children and youth. *Journal of Affective Disorders*, 264, 242-248. doi:10.1016/j.jad.2019.12.018
8. Ghaffari, A. Wells, R., **Creel, L.**, & Sianez, M. (2020). A Relational Perspective on Care Coordination. *Health Care Management Review*. doi:10.1097/hmr.0000000000000208
9. Wattles, B., Vidwan, N., Ghosal, S., Feygin, Y., **Creel, L.**, Myers, J., Woods, C., & Smith, M. (2019). Cefdinir Use in the Kentucky Medicaid Population: A Priority for Outpatient Antimicrobial Stewardship. *Journal of the Pediatric Infectious Disease Society*. doi:10.1093/jpids/piz084
10. Davis, D. W., Feygin, Y., **Creel, L.**, Williams, P. G., Lohr, W. D., Jones, V. F., Le, J., Pasquenza, N., Ghosal, S., Jawak, K., Yah, X, Liu, G., & McKinley, S. (2019). Longitudinal Trends in the Diagnosis of Attention-Deficit/Hyperactivity Disorder and Stimulant Use in Preschool Children on Medicaid. *Journal of Pediatrics*. doi:10.1016/j.jpeds.2018.10.062
11. Lohr, W. D., **Creel, L.**, Feygin, Y., Stevenson, M., Smith, M. J., Myers, J., Woods, C., Liu, G, & Davis, D. W. (2018). Psychotropic Polypharmacy Among Children and Youth Receiving Medicaid, 2012-2015. *Journal of Managed Care and Specialty Pharmacy*, 24(8), 736-744. doi:10.18553/jmcp.2018.24.8.736
12. Fletcher, K., Wolf, A., Muthoka, M., **Creel, L.**, Lester, C., Irungu, C., Ayugi, J., & Bush, M.L. (2018). The Natural History and Rehabilitative Outcomes of Hearing Loss in Congenital Cytomegalovirus: A Systematic Review. *Otology & Neurotology*, 39(7), 854-864. doi:10.1097/mao.0000000000001861
13. Bush, M.L., Taylor, Z., Hoblitt, B., Shackelford, T., Shinn, J., **Creel, L.**, Lester, C., Westgate, P., Jacobs, J., & Studts, T. (2017). Promotion of Early Pediatric Hearing Detection Through Patient Navigation: A Randomized Controlled Clinical Trial. *Laryngoscope*, 127 Suppl 7, S1-s13.
14. **Creel, L.M.**, Thomas, J.A., Homan, S., Thompson, B., Brown, M., Hassell, K.L., Thomas, T., & Kaye, C.I. (2017). Integrating Parents of Children with Special Health Care Needs into the Pediatric Medical Home. *Journal of Family Medicine & Community Health*, 4(4): 1114.
15. Guillory, C., Gong, A., Livingston, J., **Creel, L.M.**, Ocampo, E., & McKee-Garrett, T. (2017). Texas Pulse Oximetry Project (TxPOP): A Multi-center Educational and Quality Improvement Project

- for Implementation of Critical Congenital Heart Disease Screening using Pulse Oximetry. *American Journal of Perinatology*, 34(9), 856-860. doi:10.1055/s-0037-1599214
16. Gong, A., Guillory, C., **Creel, L.**, Livingston, J. E., McKee-Garrett, T. M., & Fortunov, R. (2017). A Multicenter Initiative for Critical Congenital Heart Disease Newborn Screening in Texas Neonatal Intensive Care Units. *American Journal of Perinatology*. doi:10.1055/s-0037-1599053
 17. **Creel, L.M.**, Gregory, S., McNeal, C. J., Beeram, M. R., & Krauss, D. R. (2017). Multicenter neonatal databases: Trends in research uses. *BMC Research Notes*, 10(1), 42. doi:10.1186/s13104-016-2336-4
 18. Benitez, J. A., **Creel, L. M.**, & Jennings, J. A. C. (2017). Who and Where Are Kentucky's Remaining Uninsured? *Medical Care*, 55(3), 215-219. doi:10.1097/mlr.0000000000000646
 19. Benitez, J., **Creel, L.M.**, & Jennings, J.A. (2016). Kentucky's Medicaid Expansion Showing Early Promise on Coverage and Access to Care. *Health Affairs*. 25(3). doi:10.1377/hlthaff.2015.1294

Manuscripts Under Review

1. Yingling, M.E., **Creel, L.M.**, & Ruther, M. Association between Neonatal Abstinence Syndrome and Enrollment in Special Education Services. (Under Review at *Journal of Developmental and Behavioral Pediatrics*)
2. Davis, D.W., Jawad, K., Feygin, Y., Lohr, W.D., Creel, L.M. Pasquenza, N., Jones, V.F., Williams, P.G., Trace, M., & Le, J. Differential Diagnosis and Treatment of Severe Mental Health in Children by Health Professional Shortage Areas and Demographic Characteristics. (Under Review at *Psychiatric Services*)

Manuscripts In Progress

1. **Creel, L.M.**, Niyongabo, D., & Thomas, J. Hospitalizations among a High Need Population with Rare Genetic Conditions, 2003-2016. (Preparing for Submission)
2. **Creel, L.M.**, Feygin, Y., Davis, D., Stevenson, M., Pasquenza, N., Myers, J., Smith, M., Liu, G., Lohr, D., Jawad, K., & Woods, C. Gaps in Medicaid Coverage from 2012 to 2017 among Thirteen Pediatric Age-Based Cohorts in Kentucky. (Preparing for Submission)
3. **Creel, L.M.**, Feygin, Y., Lohr, W.D., & Davis, D.W. HEDIS Quality Outcomes for Children in Medicaid Receiving an Antipsychotic Medication Prescription. (Preparing for Submission)
4. **Creel, L.M.** Outcomes of Newborn Hearing Screening in a NICU Setting. (Preparing for Submission)
5. Creel, L.M., and **Jennings, J. C.** "Trends in Hospital Health Promotion Services before and after the ACA." (Working Paper)
6. **Creel, L.M.** Newborn Hearing Screening, Discharge Hospital Scheduling, and Follow-Up Outcomes. (Working Paper in collaboration with Bush, M. & Lester, C.)

TECHNICAL REPORTS AND OTHER PUBLICATIONS

1. **Creel, L.M.** & Buchino, S. (2016). ACA Implementation in Metro Louisville: Outreach, Enrollment, and the Remaining Uninsured. Available at <http://louisville.edu/sphis/departments/commonwealth-institute-of-kentucky/docs-and-pdfs-1/aca-implementation-louisville>.

2. **Creel, L.**, Wendel, M. (September 2015). Chapter 9: Stakeholder feedback, evaluation goals 9 and 10. In *Evaluation of the Texas Healthcare Transformation Quality Improvement program 1115(a) Demonstration Waiver*. Austin, TX: Texas Health and Human Services Commission.
3. **Creel, L.**, Wendel, M. (September 2015). Chapter 10: Changes in regional healthcare partnership collaboration, evaluation goal 9 in *Evaluation of the Texas Healthcare Transformation Quality Improvement program 1115(a) Demonstration Waiver*. Austin, TX: Texas Health and Human Services Commission.
4. **Creel, L.**, Wendel, M. (September 2015). Chapter 11: Learning collaboratives as a quality improvement process. In *Evaluation of the Texas Healthcare Transformation Quality Improvement program 1115(a) Demonstration Waiver*. Austin, TX: Texas Health and Human Services Commission.
5. McMaughan, D., DeSalvo, D., **Creel, L.** Maternal and Child Health in Rural United States: Updates and Challenges. In: Bolin JN, Bellamy G, Ferdinand AO, et al. eds. Rural Healthy People 2020. Vol. 1. College Station, TX: Texas A&M University Health Science Center, School of Public Health, Southwest Rural Health Research Center; 2015:119-125.
6. Armstrong, T., Brossart, D., **Creel, L.**, Du, Y., Ghaffari, A., Gregory,, S.T., Helduser, J., Kum, H.C., McMaughan, D., Ohsfeldt, R., Olutola, O., Pennel, C., Tamayo, L., Wells, R. and Zhao, H. (2014). DSRIP funded Patient Care Navigation to Reduce ED Use: Report to Participating Sites. Strategic Decision Support, Texas Health and Human Services Commission.
7. Brown, H.S., Madsen, K.K., Perry, C.L., Stigler, M., Colwell, B., Blakely, C., & **Creel, L.M.** *Smoke-free workplace environments: the benefits to Texans and their communities*. Austin, TX: Smoke-Free Texas. Available at:
http://s3.amazonaws.com/smokefree/fact_sheets/original/Secondhand%20Smoke%20Economic%20Study_FINAL.pdf#.
8. Bohr, D., Barrera, S., Torres G., **Creel, L.** (2006). *Report of the National Steering Committee on Hospitals and the Public's Health*. Chicago, IL: Health Research & Educational Trust. Available at: <http://www.hret.org/upload/resources/reportnsc.pdf>.

CONFERENCE PUBLICATIONS AND PRESENTATIONS

1. Niyongabo, D., **Creel, L.M.**, & Thomas, J. Association between Publication of the Recommended Uniform Screening Panel and Pediatric Hospitalizations Related to Genetic Diagnoses. Poster presentation at: AcademyHealth Annual Research Meeting; July/August 2020; virtual.
2. Niyongabo, D., **Creel, L.M.**, & Thomas, J. Hospitalizations among a High Need Population with Rare Genetic Conditions, 2003-2016. Poster presentation at: AcademyHealth Annual Research Meeting; June 2019; Washington, DC.
3. **Creel, L.M.**, Feygin, Y., Davis, D., Stevenson, M., Pasquenza, N., Myers, J., Smith, M., Liu, G., Lohr, D., Jawad, K., & Woods, C. Gaps in Medicaid Coverage from 2012 to 2017 among Thirteen Pediatric Age-Based Cohorts in Kentucky. Platform presentation at: Pediatric Academic Societies Meeting; April 2019; Baltimore, Maryland.
4. Bush, M.L., Cosetti, M., **Creel, L.**, Babu, S., & Moberly, A. Policy and Practice: How Changing Policy Affects Hearing Healthcare Delivery. Panel presentation at: AAO-HNSF Annual Meeting; October 2018; Atlanta, Georgia.
5. **Creel, L.M.** Policy and Pediatric Hearing Loss. Platform presentation at: Commonwealth Colloquium on Hearing and Balance; September 2018; Lexington, Kentucky.

6. David, D., **Creel, L.M.**, Feygin, Y., Ghosal, S., Williams, P., Jones, V., Pasquenza, N., Lohr, W.D., & Le, J. ADHD Diagnosis and Stimulant Use for Preschool Children on Medicaid. Poster presentation at: Pediatric Academic Societies Meeting; May 2018; Toronto, Canada.
7. Woods, A., Jawad, K., Myers, J., **Creel, L.M.**, & Woods, C. Characteristics of Orbital Cellulitis Hospitalizations in Children, United States, 2003 – 2012. Poster presentation at: Pediatric Academic Societies Meeting; May 2018; Toronto, Canada.
8. Myers, J., Jawad, K., Feygin, Y., **Creel, L.M.**, Espinosa, C., Kong, M., & Duncan, S. Social Inequality's Impact on the Rate of Neonatal Abstinence Syndrome among Low-Income Children. Poster presentation at: Pediatric Academic Societies Meeting; May 2018; Toronto, Canada.
9. Lohr, W.D., Ghosal, S., Feygin, Y., Davis, D., **Creel, L.M.**, Pasquanza, N., & Myers, J. Predicting Duration of High Level Psychotropic Polypharmacy in Children in Foster Care. Oral presentation at: Pediatric Academic Societies Meeting; May 2018; Toronto, Canada.
10. Lohr, W.D., Ghosal, S., Feygin, Y., Davis, D., **Creel, L.M.**, Pasquanza, N., & Myers, J. The Duration of Antipsychotic Prescribing in Very Young Low-Income Children. Poster presentation at: Pediatric Academic Societies Meeting; May 2018; Toronto, Canada.
11. Lester, C., **Creel, L.M.**, & Jacobs, J. EHDI and University Collaborations – Leveraging the Partnership to Enhance Program Implementation and Outcomes. Oral Presentation at: EHDI Annual Conference; March 2018; Denver, CO.
12. **Creel, L.M.**, Benitez, J., Davis, D., Lohr, W.D., Feygin, Y., Smith, M., & Liu, G. Achieving Quality Outcomes in Youth Prescribed Antipsychotic Medications: What Matters? Oral Presentation in the Child Health Services Interest Group Meeting at: AcademyHealth Annual Research Meeting; June 2017; New Orleans, LA.
13. **Creel, L.M.**, Jennings, J.C., Lester, C., & Bush, M. Impact of Hospital Scheduling on Follow-up Appointments After Failed Newborn Hearing Screening. Poster presentation at: AcademyHealth Annual Research Meeting; June 2017; New Orleans, LA.
14. Davis, D., **Creel, L.M.**, Benitez, J., Lohr, W.D., Feygin, Y., Smith, M., & Liu, G. Achieving Quality Outcomes in Youth Prescribed Antipsychotic Medications: What Matters? Oral Presentation at: Pediatric Academic Societies Annual Conference; May 2017; San Francisco, CA.
15. **Creel, L.M.**, Lester, C., & Bush, M. Impact of Hospital Scheduling on Follow-up Appointments After Failed Newborn Hearing Screening. Oral presentation at: EHDI Annual Conference; February 2017; Atlanta, GA.
16. **Creel, L.M.** & Jennings, J.C. Trends in Hospitals' Health Promotion Services Before and After the ACA. Oral presentation at: AcademyHealth Annual Research Meeting; June 2016; Boston, MA.
17. Jennings, J.C. & **Creel, L.M.** Trends in Hospitals' Health Promotion Services Before and After the ACA. Poster presentation at: AcademyHealth Annual Research Meeting; June 2016; Boston, MA.
18. Buchino, S. **Creel, L.M.**, & Wendel, M. Consumer Experiences with the Affordable Care Act in Kentucky. Poster presentation at: AcademyHealth Annual Research Meeting; June 2016; Boston, MA.
19. Wendel, M, **Creel, L.M.**, Wells, R, Gregory, S.T., Cummings, A., & Roper-Coleman, S. Using Network Analysis to Measure Changes in Local collaboration Resulting from Implementation of the Texas Healthcare Transformation and Quality Improvement Program. Oral presentation at: American Public Health Association Annual Meeting; November 2015; Chicago, IL.
20. Wendel, M, **Creel, L.M.**, McMaughan, D., Cummings, A., & Roper-Coleman, S. Stakeholder Perceptions of Strengths and Challenges in Texas' Healthcare Transformation and Quality Improvement Program. Oral presentation at: American Public Health Association Annual Meeting; November 2015; Chicago, IL.

21. **Creel, L.M.**, Gregory, S.T., McNeal, C.J., Beeram, M., Krauss, D. Multicenter Neonatal Databases: Trends in Research Uses. Poster presentation at: Academy Health Annual Research Meeting; June 2015; Minneapolis, MN.
22. Wendel, M, **Creel, L.M.**, Wells, R, Gregory, S.T., Cummings, A., & Roper-Coleman, S. Using Network Analysis to Understand Regional Differences in Collaboration Resulting from the Texas Healthcare Transformation and Quality Improvement Program 1115(a) Medicaid Waiver. Poster presentation at: Academy Health Annual Research Meeting; June 2015; Minneapolis, MN.
23. Ghaffari, A., Wells, R., Armstrong, T., **Creel, L.M.**, Kum, H., Brossart, D., Roper-Coleman, S. & Sunbury, T. Applying Relational coordination to Inter-Agency Teamwork and Patient Experiences with Providers. Paper presentation at: Organization Theory in Health Care Association Annual Conference; May 2015, Richmond, VA.
24. Wendel, M. & **Creel, L.M.** Evaluation of the Texas Healthcare Transformation and Quality Improvement Program: 1115(a) Medicaid Demonstration Waiver. Platform presentation at: 2014 Statewide Learning Collaborative Summit; September 2014; Austin, TX.
25. **Creel, L.M.**, Gregory, S.T., McNeal, C.J., Beeram, M.R., & Krauss, D.R. Trends in Newborn Hearing Screening & Risk of NICU Admission on Hearing Loss in Infants at Scott & White. Poster presentation at: Scott and White Research Days; May 2014; Temple, TX.
26. Oluyomi, A., Lee, C., Nehme, E., Dowdy, D., Ory, M., Hoelscher, D., & **Creel, L.M.** Parental safety concerns and active school commute: correlates across multiple domains in the home-to-school journey. Platform presentation at: 2014 Active Living Research Annual Conference; March 2014; San Diego, CA.
27. **Creel, L.M.**, Au, S., & NCC Telegenetics Workgroup. Quality improvement in telegenetics: the development of common evaluation measures. Platform presentation at: 2013 American Telemedicine Association Annual Meeting; April 2013; Austin, TX.
28. **Creel, L.M.**, Kaye, C.I., Hooker, J., Hassell, K., & Miller, C. Engaging Native American families in community health transformation: a case study. Platform presentation at: Eighth National Conference on Quality Health Care for Culturally Diverse Populations; March 2013; Oakland, CA.
29. **Creel, L.M.** The application of telehealth in genetic services delivery: a model for the HRSA MCHB regional genetic services collaboratives. Platform presentation at: HRSA Office for the Advancement of Telehealth Grantee Meeting; March 2012; Washington, DC.
30. Hasegawa L, **Creel L**, Kubendran S, Au S. Telegenetics clinics in the United States: success, challenges, and future directions. Poster presentation at: American College of Medical Genetics Annual Clinical Genetics Meeting; March 2012; Charlotte, NC.
31. **Creel, L.M.**, Landgren, S. MSGRC telemedicine projects: an overview. Platform presentation at: The Northwest Regional Telehealth Resource Center Annual Conference; March 2012; Billings, MT.
32. **Creel L.M.**, Eckman J, Griffin J, Harris KB, Keehn A, Stock J, Waisbren S, Whitehead S. Transition activities among the regional collaboratives. Poster presentation at: Association of Maternal and Child Health Programs Conference; February 2012; Alexandria, VA.
33. Borgfeld, L, Williams, D, **Creel, L**, Hooker, J, Kaye, C, writing for the MSGRC Emergency Preparedness Workgroup. Newborn screening emergency planning: understanding laboratory capacity and backup sources in the mountain states region (AZ, CO, MT, NM, NV, TX, UT, WY). Association of Public Health Laboratories 2011 Newborn Screening and Genetic Testing Symposium; November 2011; San Diego, CA.
34. Perry W, Borgfeld L, Williams D, Tanksley S, Freedenberg D, Martinez D, Taylor L, Torres J, **Creel L**, Hooker J. Newborn screening program emergency preparedness: Texas-Florida partnership.

Association of Public Health Laboratories 2011 Newborn Screening and Genetic Testing Symposium; November 2011; San Diego, CA.

35. Hasegawa L, **Creel L**, Kubendran S, Andersson H, Au S. Telegenetics clinics in the United States: success, challenges, and future directions. 12th International Congress of Human Genetics; October 2011; Montreal, QC.
36. Hooker J., **Creel L.M.**, Thomas J., Brilliant M., Kaye C.I. MSGRCC projects promote access to genetic services. Platform presentation at: 138th American Public Health Association Annual Meeting; November 2010; Denver, CO.
37. **Creel L.M.**, Hooker J., Kaye C.I., MSGRCC Consumer Advocacy Workgroup. The life rope: engagement of diverse populations for recruitment and representation in genetics. Poster presentation at: Academy for Health Equity, 2010 Conference; August 2010; Denver, CO.
38. Madsen, K.K., **Creel, L.M.**, Woodbury, V.M. Community health behind bars: opportunities in correctional health. Platform presentation at: Association for Community Health Improvement Annual Meeting; March 2009; Los Angeles, CA.
39. Madsen, K.K., **Creel, L.M.**, Miller, C.D., Potter, R.H., Loe, H., Mitias, M. Jail re-entry in Dallas: achieving public health goals through system based partnerships and leadership. Poster presentation at: American Public Health Association Annual Meeting; October 2008; San Diego, CA.
40. **Creel, L.M.** Panelist: A Neighborly Conversation, ANC Radio, November 2006, Show Topic: Pandemic Preparedness.
41. Madsen, K.K., Pickens, S., **Creel, L.M.** Advancing health system effectiveness through non-traditional workforce: a case study. Poster presentation at: International Hospital Federation Conference; 2007; Geneva, Switzerland.
42. **Creel, L.M.** Public Health Stakeholder Engagement. Panel presentation at: Texas Rural Health Conference; 2006; Austin, Texas.

RELATED EMPLOYMENT EXPERIENCE

University of Texas Health Science Center at San Antonio Department of Pediatrics

Independent Contractor, Data Analyst

College Station, TX
June 2013 – June 2015

Texas Pulse Oximetry Project (TxPOP), Phases 1 and 2

This project is funded through the Texas Department of State Health Services and seeks to pilot pulse oximetry screening for critical congenital heart disease (CCHD) in well-baby nurseries and neonatal intensive care units in Texas. Pilot data are used to inform CCHD screening policy in Texas and across the United States.

- Developed and maintained web-based data collection instruments
- Monitored data collection and served as point-of-contact for Nurse Champions who enter data
- Performed all data cleaning and analysis
- Prepared results, data summaries, tables, and figures for study reports and manuscripts

Texas Health Institute

Director of Community and Collaborative Projects

Austin, TX
June 2006 - May 2013

Directed projects in community health improvement and public health infrastructure development, including projects to improve access to care, increase health coverage, prevent

chronic disease, and encourage policies and programs that improve the health of individuals and populations.

- Conducted assessments of community health needs and priorities and developed recommendations to meet identified needs. Included work under the CDC Community Transformation Grant Program, ACA-required hospital community health needs assessments, and contracts from local health departments.
- Served as Project Manager for the Mountain States Genetics Regional Collaborative (MSGRC), an eight state collaborative focusing on strengthening and sustaining the newborn screening and genetic services system across the region. Responsibilities included analysis of relevant interventions and policy options, developing policy recommendations, workgroup coordination, literature reviews, stakeholder surveys, budget management, writing abstracts and reports, and subgrantee selection. Coordinated stakeholder engagement across sectors, including public health, clinical providers, and consumer advocacy groups, which led to project success. States covered under the MSGRC included Arizona, Colorado, Montana, Nevada, New Mexico, Texas, Utah, and Wyoming.
- Oversaw the planning, implementation, and evaluation of these projects through budget development and monitoring, strategic planning, staff coordination, and partner engagement.
- Staffed activities of the Partnership for a Healthy Texas: Conquering Obesity, a coalition of more than 50 statewide organizations focusing on health policies to prevent and reduce obesity.
- Identified, planned, prepared, and submitted grant applications. Successful in obtaining over \$600,000 in annual program funding from the Health Resources and Services Administration for the MSGRC, as well as multiple contracts in Texas.
- Managed one full-time staff member, one half-time staff member, and between 2-5 contractors at any one time.

PROFESSIONAL AFFILIATIONS

- Member, AcademyHealth
- Member, American Public Health Association
- Member, Alpha Eta Society
- Member, Alpha Omega Society

SERVICE

- Co-Chair, National Coordinating Center for the Regional Genetics Networks, Data Collection and Evaluation Workgroup, 2020-present
- Member, University of Louisville School of Public Health and Information Sciences, Faculty Council, 2019-present
- Member, University of Louisville School of Public Health and Information Sciences Department of Health Management and Systems Sciences, Health Leadership Committee, 2019-present
- Member, University of Louisville School of Public Health and Information Sciences, Student Grievance Committee, 2017-present
- Member, University of Louisville School of Public Health and Information Sciences Department of Health Management and Systems Sciences, PhD Committee, 2015-present
- Member, University of Louisville School of Medicine Child and Adolescent Health Research and Design Unit Executive Committee, 2018-present
- Data Consultant, Kentucky Early Hearing Detection and Intervention Advisory Board, 2016-present

- Reviewer, Quality Management in Healthcare, 2019-present
- Reviewer, Journal of Family and Community Health, 2019-present
- Reviewer, PLOS One, 2018-present
- Reviewer, American Journal of Public Health, 2015-present
- Member, Louisville Metro Dual Diagnosis Cross Functional Team, 2015-2018
- Member, Kentucky Title V Data Advisory Committee, 2016-2017
- Reviewer, Texas Public Health Association Journal, 2015-2016
- Student representative, TAMU HPM Faculty Search Committee, 2014
- Member, Texas Pregnancy Risk Assessment Monitoring System (PRAMS) Steering Committee, 2009 to 2013
- Co-chair, Telegenetics Workgroup of the National Coordinating Center for the Genetic and Newborn Screening Service Collaboratives, 2011 to 2013