



Samantha M.R. Kling

Quantitative Research Scientist, Medicine - Primary Care and Population Health

 Curriculum Vitae available Online

Bio

BIO

Transdisciplinary healthcare researcher and dietitian with expertise in implementation science, childhood nutrition, eating/ingestive behavior, innovations in clinical and community health care, and obesity prevention and treatment.

CURRENT ROLE AT STANFORD

Quantitative Research Scientist in the Evaluation Sciences Unit (ESU)

HONORS AND AWARDS

- Fellow, Stanford Medicine Center for Improvement (2021)

EDUCATION AND CERTIFICATIONS

- RDN, Commission on Dietetic Registration , Registered Dietitian (2017)
- BS, Iowa State University , Dietetics (2011)
- PhD, The Pennsylvania State University , Nutritional Sciences (2016)

Publications

PUBLICATIONS

- **A Novel Approach to Care Redesign Collaboration Between Emergency and Specialty Departments: Qualitative Experience Report.** *JMIR formative research*
Harris, S. R., Rose, C., Kling, S. M., Cohen, B. A., Goldberg, O., Walton, H., Veruttipong, D., Alhadha, M., Laurence, S. K., Ravi, S., Gold, C. A., Shaw, J. G., Yang, et al
2025; 9: e22028
- **Effects of apple form on satiety in 4-6 year-old children: possible evidence of sex differences.** *Appetite*
Reigh, N. A., Rolls, B. J., Baney, B. A., Francis, L. A., Buss, K. A., Hayes, J. E., Hetherington, M. M., Moding, K., Kling, S. M., Keller, K. L.
2025: 108269
- **Implementation of a 3-Tier Priority System for Emergency Department Patients' Follow-up in Orthopaedic Surgery.** *The western journal of emergency medicine*
Kling, S. M., Rose, C., Veruttipong, D., Harris, S. R., Safaeinili, N., Brown-Johnson, C. G., Laurence, S., Ravi, S., Gardner, M. J., Shaw, J. G.
2025; 26 (4): 843-852
- **Quality of Serious Illness Communication with Hospitalized Limited English Proficient Patients: A Mixed Methods Study.** *Palliative medicine reports*
Holdsworth, L. M., Kling, S. M., Winget, M., Mui, H. Z., Garvert, D. W., Veruttipong, D., Seevaratnam, B., Harris, S., Teuteberg, W.
2025; 6 (1): 282-290

- **Quality of Serious Illness Communication with Hospitalized Limited English Proficient Patients: A Mixed Methods Study** *PALLIATIVE MEDICINE REPORTS*
Holdsworth, L. M., Kling, S. M. R., Winget, M., Mui, H. Z., Garvert, D. W., Veruttipong, D., Seevaratnam, B., Harris, S., Teuteberg, W.
2025; 6 (1): 282-290
- **Hispanic Birthing Parents' Experiences With Lactation Support Received In-Hospital: A Quality Improvement Needs Assessment.** *Journal of human lactation : official journal of International Lactation Consultant Association*
Brown-Johnson, C. G., Kling, S. M., Saliba-Gustafsson, E. A., Williams, Z. K., Najjar, J., Lessios, A. S., Harris, S. R., Shaw, K. A., Goldthwaite, L. M., Shaw, J. G., Crowe, S. D.
2025: 8903344251321777
- **Improving Knowledge and Attitudes About Palliative Care Through Community Collaborations: A Mixed Methods Intervention Evaluation.** *Journal of palliative medicine*
Smith, G. M., Kling, S. M., Bragg, A., Cao-Nasalga, A., Towey, K., Nerimora, O. T., Holdsworth, L. M.
2025
- **Electronic Health Record Alert to Promote Adoption of Limited Transthoracic Echocardiograms in Primary Care and Cardiology Clinics: A Mixed Methods Evaluation.** *Circulation. Cardiovascular quality and outcomes*
Kalwani, N. M., Kling, S. M., Vilendrer, S., Garvert, D. W., Veruttipong, D., Baratta, J., Saliba-Gustafsson, E. A., Levin, E., Gaspar, C., Brown-Johnson, C. G., Tsai, S. A., Winget, M.
2024; 17 (11): e010621
- **Mixed methods evaluation of a specialty-specific system to promote physician engagement in safety and quality reporting in a large academic health system.** *BMJ open quality*
Lessios, A. S., Vilendrer, S., Peterson, A., Brown-Johnson, C., Kling, S. M., Veruttipong, D., Arteaga, M., Gessner, D., Gostic, W. J.
2024; 13 (3)
- **Patient and caregiver perspectives of fluid discharge protocols following pituitary surgery.** *Journal of clinical & translational endocrinology*
Chang, J. J., Amano, A., Brown-Johnson, C., Chu, O., Gates-Bazarbay, V., Wipff, E., Kling, S. M., Alhadha, M., Carlos Fernandez-Miranda, J., Vilendrer, S.
2024; 35: 100336
- **A Nurse-Led Care Delivery App and Telehealth System for Patients Requiring Wound Care: Mixed Methods Implementation and Evaluation Study.** *JMIR formative research*
Brown-Johnson, C. G., Lessios, A. S., Thomas, S., Kim, M., Fukaya, E., Wu, S., Kling, S. M., Brown, G., Winget, M.
2023; 7: e43258
- **An initiative to promote value-based stress test selection in primary care and cardiology clinics: A mixed methods evaluation.** *Journal of evaluation in clinical practice*
Kling, S. M., Kalwani, N. M., Winget, M., Gupta, K., Saliba-Gustafsson, E. A., Baratta, J., Garvert, D. W., Veruttipong, D., Brown-Johnson, C. G., Vilendrer, S., Gaspar, C., Levin, E., Tsai, et al
2023
- **Caregiver Experiences Participating in a Home-Based Primary Care Program: A Pragmatic Evaluation Including Qualitative Interviews and Quantitative Surveys.** *Journal of applied gerontology : the official journal of the Southern Gerontological Society*
Kling, S. M., Lessios, A. S., Holdsworth, L. M., Yefimova, M., Wu, S., Martin, M., Sheffrin, M., Winget, M.
2023: 7334648231176380
- **From Acceptable to Superlative: Scaling a Technologist Coaching Intervention to Improve Image Quality.** *Journal of the American College of Radiology : JACR*
Hwang, G. L., Vilendrer, S., Amano, A., Brown-Johnson, C., Kling, S. M., Faust, A., Willis, M. H., Larson, D. B.
2023; 20 (6): 570-584
- **Evolution of a Project to Improve Inpatient-to-Outpatient Dermatology Care Transitions: Mixed Methods Evaluation.** *JMIR dermatology*
Kling, S. M., Aleshin, M. A., Saliba-Gustafsson, E. A., Garvert, D. W., Brown-Johnson, C. G., Amano, A., Kwong, B. Y., Calugar, A., Shaw, J. G., Ko, J. M., Winget, M.
2023; 6: e43389
- **Improving Public Knowledge and Attitudes About Palliative Care Through Virtual, Community-Based Education**
Smith, G. M., Bragg, A. R., Kling, S. M. R., Holdsworth, L., Towey, K., Cao-Nasalga, A.
ELSEVIER SCIENCE INC.2023: E600

- **Home-Based Primary Care for Older Adults: Matched Case-Control Evaluation of Program's Impact on Healthcare Utilization** *HOME HEALTH CARE MANAGEMENT AND PRACTICE*
Kling, S. M. R., Garvert, D. W. W., Lessios, A., Yefimova, M., Martin, M., Sheffrin, M., Winget, M.
2023
- **Coordination between Primary Care and Women, Infants, and Children to Prevent Obesity for Infants from Low-Income Families: A Pragmatic Randomized Clinical Trial.** *Childhood obesity (Print)*
Savage, J. S., Moore, A. M., Kling, S. M., Marini, M., Hernandez, E., Franceschelli Hosterman, J., Hassink, S., Paul, I. M., Bailey-Davis, L.
2022
- **Evaluating clinician-led quality improvement initiatives: A system-wide embedded research partnership at Stanford Medicine.** *Learning health systems*
Vilendrer, S., Saliba-Gustafsson, E. A., Asch, S. M., Brown-Johnson, C. G., Kling, S. M., Shaw, J. G., Winget, M., Larson, D. B.
2022; 6 (4): e10335
- **Evaluating clinician-led quality improvement initiatives: A system-wide embedded research partnership at Stanford Medicine** *LEARNING HEALTH SYSTEMS*
Vilendrer, S., Saliba-Gustafsson, E. A., Asch, S. M., Brown-Johnson, C. G., Kling, S. M. R., Shaw, J. G., Winget, M., Larson, D. B.
2022
- **Teledermatology to Facilitate Patient Care Transitions From Inpatient to Outpatient Dermatology: Mixed Methods Evaluation.** *Journal of medical Internet research*
Kling, S. M., Saliba-Gustafsson, E. A., Winget, M., Aleshin, M. A., Garvert, D. W., Amano, A., Brown-Johnson, C. G., Kwong, B. Y., Calugar, A., El-Banna, G., Shaw, J. G., Asch, S. M., Ko, et al
2022; 24 (8): e38792
- **Mindfulness-Based Group Medical Visits in Primary Care for Stress and Anxiety: An Observational Study.** *Journal of integrative and complementary medicine*
Juarez-Reyes, M., Purington, N., Kling, S. M.
2022
- **Nursing Workflow Change in a COVID-19 Inpatient Unit Following the Deployment of Inpatient Telehealth: An Observational Study Using a Real-Time Locating System.** *Journal of medical Internet research*
Vilendrer, S., Lough, M. E., Garvert, D. W., Lambert, M. H., Lu, J. H., Patel, B., Shah, N. H., Williams, M. Y., Kling, S. M.
2022
- **Examining the Role of Food Form on Children's Self-Regulation of Energy Intake.** *Frontiers in nutrition*
Reigh, N. A., Rolls, B. J., Francis, L. A., Buss, K. A., Hayes, J. E., Hetherington, M. M., Moding, K. J., Kling, S. M., Keller, K. L.
2022; 9: 791718
- **Patient and Clinician Perspectives of New and Return Ambulatory Teleneurology Visits.** *Neurology. Clinical practice*
Kling, S. M., Falco-Walter, J. J., Saliba-Gustafsson, E. A., Garvert, D. W., Brown-Johnson, C. G., Miller-Kuhlmann, R., Shaw, J. G., Asch, S. M., Yang, L., Gold, C. A., Winget, M.
1800; 11 (6): 472-483
- **Financial Incentives for Medical Assistants: A Mixed-Methods Exploration of Bonus Structures, Motivation, and Population Health Quality Measures.** *Annals of family medicine*
Vilendrer, S., Brown-Johnson, C., Kling, S. M., Veruttipong, D., Amano, A., Bohman, B., Daines, W. P., Overton, D., Srivastava, R., Asch, S. M.
2021; 19 (5): 427-436
- **How Feedback Is Given Matters: A Cross-Sectional Survey of Patient Satisfaction Feedback Delivery and Physician Well-being.** *Mayo Clinic proceedings*
Vilendrer, S. M., Kling, S. M., Wang, H., Brown-Johnson, C., Jayaraman, T., Trockel, M., Asch, S. M., Shanafelt, T. D.
2021
- **Predicting and Responding to Clinical Deterioration in Hospitalized Patients by Using Artificial Intelligence: Protocol for a Mixed Methods, Stepped Wedge Study.** *JMIR research protocols*
Holdsworth, L. M., Kling, S. M., Smith, M., Safaeinili, N., Shieh, L., Vilendrer, S., Garvert, D. W., Winget, M., Asch, S. M., Li, R. C.
2021; 10 (7): e27532
- **Patient and surgeon experiences with video visits in plastic surgery-toward a data-informed scheduling triage tool.** *Surgery*

- Brown-Johnson, C. G., Spargo, T., Kling, S. M., Saliba-Gustafsson, E. A., Lestoquoy, A. S., Garvert, D. W., Vilendrer, S., Winget, M., Asch, S. M., Maggio, P., Nazerali, R. S.
2021
- **Evaluation of Patient and Clinician Perspectives for New and Return Ambulatory Teleneurology Visits, with special attention to subspecialty differences**
Falco-Walter, J., Kling, S., Saliba-Gustafsson, E., Yang, L., Miller-Kuhlmann, R., Garvert, D., Brown-Johnson, C., Shaw, J., Asch, S., Winget, M., Gold, C.
LIPPINCOTT WILLIAMS & WILKINS.2021
 - **Agreement in Infant Growth Indicators and Overweight/Obesity between Community and Clinical Care Settings** *JOURNAL OF THE ACADEMY OF NUTRITION AND DIETETICS*
Harris, H. A., Kling, S. M. R., Marini, M., Hassink, S. G., Bailey-Davis, L., Savage, J. S.
2021; 121 (3): 493–500
 - **The prevalence of COVID-19 in healthcare personnel in an adult and pediatric academic medical center.** *American journal of infection control*
Shepard, J., Kling, S. M., Lee, G., Wong, F., Frederick, J., Skhiri, M., Holubar, M., Shaw, J. G., Stafford, D., Schilling, L., Kim, J., Ick Chang, S., Frush, et al
2021; 49 (5): 542–46
 - **Using a Real-Time Locating System to Evaluate the Impact of Telemedicine in an Emergency Department During COVID-19: Observational Study.** *Journal of medical Internet research*
Patel, B., Vilendrer, S., Kling, S. M., Brown, I., Ribeira, R., Eisenberg, M., Sharp, C.
2021
 - **Accessing behavioral health care during COVID: rapid transition from in-person to teleconferencing medical group visits.** *Therapeutic advances in chronic disease*
Juarez-Reyes, M., Mui, H. Z., Kling, S. M., Brown-Johnson, C.
2021; 12: 2040622321990269
 - **Advanced Health Information Technologies to Engage Parents, Clinicians, and Community Nutritionists in Coordinating Responsive Parenting Care: Descriptive Case Series of the Women, Infants, and Children Enhancements to Early Healthy Lifestyles for Baby (WEE Baby) Care Randomized Controlled Trial.** *JMIR pediatrics and parenting*
Kling, S. M., Harris, H. A., Marini, M., Cook, A., Hess, L. B., Lutcher, S., Mowery, J., Bell, S., Hassink, S., Hayward, S. B., Johnson, G., Franceschelli Hosterman, J., Paul, et al
2020; 3 (2): e22121
 - **Development and Pilot Testing of Standardized Food Images for Studying Eating Behaviors in Children** *FRONTIERS IN PSYCHOLOGY*
Kling, S. M. R., Pearce, A. L., Reynolds, M. L., Garavan, H., Geier, C. F., Rolls, B. J., Rose, E. J., Wilson, S. J., Keller, K. L.
2020; 11: 1729
 - **Accelerated launch of video visits in ambulatory neurology during COVID-19: Key lessons from the Stanford experience.** *Neurology*
Yang, L., Brown-Johnson, C. G., Miller-Kuhlmann, R., Kling, S. M., Saliba-Gustafsson, E. A., Shaw, J. G., Gold, C. A., Winget, M.
2020
 - **FEASIBILITY OF AN INTEGRATED APPROACH TO COORDINATE CARE ACROSS CLINICAL AND COMMUNITY SETTINGS TO PREVENT CHILDHOOD OBESITY**
Savage, J. S., Davis, L., Kling, S. M. R., Harris, H., Mowery, J., Lutcher, S., Marini, M.
OXFORD UNIV PRESS INC.2020: S246
 - **Rapid implementation of video visits in neurology during COVID-19: a mixed methods evaluation.** *Journal of medical Internet research*
Saliba-Gustafsson, E. A., Miller-Kuhlmann, R. n., Kling, S. M., Garvert, D. W., Brown-Johnson, C. G., Lestoquoy, A. S., Verano, M. R., Yang, L. n., Falco-Walter, J. n., Shaw, J. G., Asch, S. M., Gold, C. A., Winget, et al
2020
 - **Feasibility of enhancing well-child visits with family nutrition and physical activity risk assessment on body mass index.** *Obesity science & practice*
Bailey-Davis, L., Kling, S. M., Wood, G. C., Cochran, W. J., Mowery, J. W., Savage, J. S., Stametz, R. A., Welk, G. J.
2019; 5 (3): 220-230
 - **A Biopsychosocial Model of Sex Differences in Children's Eating Behaviors.** *Nutrients*
Keller, K. L., Kling, S. M., Fuchs, B. n., Pearce, A. L., Reigh, N. A., Masterson, T. n., Hickok, K. n.

2019; 11 (3)

- **Portion size has sustained effects over 5 days in preschool children: a randomized trial.** *The American journal of clinical nutrition*
Smethers, A. D., Roe, L. S., Sanchez, C. E., Zuraikat, F. M., Keller, K. L., Kling, S. M., Rolls, B. J.
2019; 109 (5): 1361–72
- **Integrating and coordinating care between the Women, Infants, and Children Program and pediatricians to improve patient-centered preventive care for healthy growth.** *Translational behavioral medicine*
Bailey-Davis, L. n., Kling, S. M., Cochran, W. J., Hassink, S. n., Hess, L. n., Franceschelli Hosterman, J. n., Lutcher, S. n., Marini, M. n., Mowery, J. n., Paul, I. M., Savage, J. S.
2018; 8 (6): 944–52
- **A patient-centered, coordinated care approach delivered by community and pediatric primary care providers to promote responsive parenting: pragmatic randomized clinical trial rationale and protocol.** *BMC pediatrics*
Savage, J. S., Kling, S. M., Cook, A. n., Hess, L. n., Lutcher, S. n., Marini, M. n., Mowery, J. n., Hayward, S. n., Hassink, S. n., Hosterman, J. F., Paul, I. M., Seiler, C. n., Bailey-Davis, et al
2018; 18 (1): 293
- **What is eaten when all of the foods at a meal are served in large portions?** *Appetite*
Roe, L. S., Kling, S. M., Rolls, B. J.
2016; 99: 1–9
- **Double trouble: Portion size and energy density combine to increase preschool children's lunch intake.** *Physiology & behavior*
Kling, S. M., Roe, L. S., Keller, K. L., Rolls, B. J.
2016; 162: 18–26
- **Does milk matter: Is children's intake affected by the type or amount of milk served at a meal?** *Appetite*
Kling, S. M., Roe, L. S., Sanchez, C. E., Rolls, B. J.
2016; 105: 509–18