

Stanford



Samantha M.R. Kling

Quantitative Research Scientist, 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 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

- **Improving Public Knowledge and Attitudes About Palliative Care Through Virtual, Community-Based Education**
Smith, G. M., Bragg, A. R., Kling, S. 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. R., Garvert, D. 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. R., Shaw, J. G., Winget, M., Larson, D. B.
2022
- **Tele dermatology 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 Teleurology 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. 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. 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. 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., Stamet, 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