Bio

BIO

Dr. Hood directs NIH- and foundation-funded clinical research aimed at promoting health and quality of life outcomes for people with diabetes. There are two main threads to his work: 1) construct prevention and treatment programs to address modifiable psychological and family factors that create barriers to optimal management of type 1 diabetes, and 2) optimize the use of diabetes devices and technologies to improve outcomes. With regard to the first thread, Dr. Hood has successfully implemented depression screening programs in tertiary pediatric diabetes clinics within a Quality Improvement framework, and is currently conducting a large scale clinical trial on a depression prevention program for teens with type 1 diabetes. From a device and technology standpoint, Dr. Hood coordinates the Human Factors assessments in Drs. Buckingham and Ly's closed loop studies and is recognized as one of the experts in this area nationally and internationally. In addition, he has implemented Human Factors assessments in local and national (e.g., T1D Exchange) studies and registries. These assessments focus on uptake of devices and technologies, and determining strategies to promote uptake and optimize their use. Dr. Hood and his research team have published over 70 scientific articles on these topics and are active presenters at diabetes, behavioral medicine, and advocacy conferences.

Dr. Hood also works closely with people with diabetes in clinical and service settings. Dr. Hood is a licensed clinical psychologist and is part of the diabetes care team at Stanford. He is also the chair of the American Diabetes Association’s Behavioral Medicine and Psychology Interest Group, is on editorial boards for Diabetes Care and the Journal of Pediatric Psychology, and assists with programming for JDRF and Children With Diabetes events. Dr. Hood is the author of a book entitled Type 1 Teens: A Guide to Managing Your Life with Diabetes and an ADA book (with Drs. Harris and Weissberg-Benchell) for clinicians working with teens with diabetes. All of these efforts are aimed at improving the quality of life and health outcomes of people with diabetes and their families.

Complete List of Published Work in My Bibliography (may need to copy and paste link in your browser):

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Pediatrics - Endocrinology and Diabetes
- Professor - Med Center Line, Psychiatry and Behavioral Sciences

Research & Scholarship

CLINICAL TRIALS

- Remote Monitoring of Diabetes in Young Children With Type 1 Diabetes, Recruiting
- Initiation of Continuous Glucose Monitoring at Diagnosis of Type 1 Diabetes, Recruiting
Teaching

STANFORD ADVISEES
Postdoctoral Faculty Sponsor
Rebecca Adams, Estibaliz Iturralde, Molly Tanenbaum

Postdoctoral Research Mentor
Jessie Wong

Publications

PUBLICATIONS

  2015; 9 (4): 925-928

- Diabetes Technology: Uptake, Outcomes, Barriers, and the Intersection With Distress. *Journal of diabetes science and technology*
  Naranjo, D., Tanenbaum, M. L., Iturralde, E., Hood, K. K.
  2016; 10 (4): 852-858

- Whose quality of life is it anyway? Discrepancies between youth and parent health-related quality of life ratings in type 1 and type 2 diabetes *QUALITY OF LIFE RESEARCH*
  Yi-Frazier, J. P., Hilliard, M. E., Fino, N. F., Naughton, M. J., Liese, A. D., Hockett, C. W., Hood, K. K., Pihoker, C., Seid, M., Lang, W., Lawrence, J. M.
  2016; 25 (5): 1113-1121

- Toward Development of Psychosocial Measures for Automated Insulin Delivery. *Journal of diabetes science and technology*
  2016; 10 (3): 799-801

- Resilience in Youth and Families Living With Pediatric Health and Developmental Conditions: Introduction to the Special Issue on Resilience. *Journal of pediatric psychology*
  Hilliard, M. E., McQuaid, E. L., Nabors, L., Hood, K. K.
  2015; 40 (9): 835-839

- From Individuals to International Policy: Achievements and Ongoing Needs in Diabetes Advocacy *CURRENT DIABETES REPORTS*
  2015; 15 (9)

- Depressive Symptoms in a Trial Behavioral Family Systems Therapy for Diabetes: A Post Hoc Analysis of Change *DIABETES CARE*
  Riley, A. R., Duke, D. C., Freeman, K. A., Hood, K. K., Harris, M. A.
  2015; 38 (8): 1435-1440

- Perceptions about professionally and non-professionally trained hypoglycemia detection dogs *DIABETES RESEARCH AND CLINICAL PRACTICE*
  2015; 109 (2): 389-396

- Technology Use for Diabetes Problem Solving in Adolescents with Type 1 Diabetes: Relationship to Glycemic Control *DIABETES TECHNOLOGY & THERAPEUTICS*
  2015; 17 (7): 449-454

- Psychosocial Assessment of Artificial Pancreas (AP): Commentary and Review of Existing Measures and Their Applicability in AP Research *DIABETES TECHNOLOGY & THERAPEUTICS*
  Barnard, K. D., Hood, K. K., Weissberg-Benchell, J., Aldred, C., Oliver, N., Laffel, L.
  2015; 17 (4): 295-300