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):

CLINICAL FOCUS

• Psychology
ACADEMIC APPOINTMENTS
• Professor - Med Center Line, Pediatrics - Endocrinology and Diabetes
• Professor - Med Center Line, Psychiatry and Behavioral Sciences
• Member, Child Health Research Institute

PROFESSIONAL EDUCATION
• University of Florida College of Medicine (2003) FL
• Fellowship: Joslin Diabetes Center (2005) MA
• Internship: Children's Hospital Boston MA

Research & Scholarship

CLINICAL TRIALS
• Initiation of Continuous Glucose Monitoring at Diagnosis of Type 1 Diabetes, Recruiting
• Remote Monitoring of Diabetes in Young Children With Type 1 Diabetes, Recruiting

Teaching

STANFORD ADVISEES
Postdoctoral Faculty Sponsor
Rebecca Adams
Postdoctoral Research Mentor
Jessie Wong

Publications

PUBLICATIONS
  2015; 9 (4): 925-928

• Stabilization of glycemic control and improved quality of life using a shared medical appointment model in adolescents with type 1 diabetes in suboptimal control PEDIATRIC DIABETES
  Floyd, B. D., Block, J. M., Buckingham, B. B., Ly, T., Foster, N., Wright, R., Mueller, C. L., Hood, K. K., Shah, A. C.
  2017; 18 (3): 204-212

• Expectations and Attitudes of Individuals With Type 1 Diabetes After Using a Hybrid Closed Loop System DIABETES EDUCATOR
  2017; 43 (2): 223-232

• Quality of Life of College Students Living With Type 1 Diabetes: A Qualitative View. Western journal of nursing research
  Fredette, J., Mawn, B., Hood, K., Fain, J.
  2016; 38 (12): 1595-1610

• Psychosocial Care for People With Diabetes: A Position Statement of the American Diabetes Association DIABETES CARE
  Young-Hyman, D., de Groot, M., Hill-Briggs, F., Gonzalez, J. S., Hood, K., Peyrot, M.
  2016; 39 (12): 2126-2140

• 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.
A randomized clinical trial aimed at preventing poor psychosocial and glycemic outcomes in teens with type 1 diabetes (T1D). *Contemporary clinical trials*

Weissberg-Benchell, J., Rausch, J., Iturralde, E., Jedraszko, A., Hood, K.
2016; 49: 78-84

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

Stabilization of glycemic control and improved quality of life using a shared medical appointment model in adolescents with type 1 diabetes in suboptimal control. *Pediatric diabetes*

Floyd, B. D., Block, J. M., Buckingham, B. B., Ly, T., Foster, N., Wright, R., Mueller, C. L., Hood, K. K., Shah, A. C.
2016

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