

# Dr. Corey J. Hawes DCN, RD, CNSC, CSO, LD

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## EDUCATION

<i>Institution</i>	<i>Degree</i>	<i>Date Conferred</i>	<i>Field(s) of Study</i>
University of Kentucky	Ph.D.	Present	Exercise Physiology
Rutgers University	DCN	2022	Clinical Nutrition
University of Kentucky	MS	2014	Nutritional Sciences, Clinical Nutrition
University of Kentucky	BS	2013	Dietetics (Minor: Spanish)

## CERTIFICATION AND LICENSURE

<i>Dates</i>	<i>Description</i>
2023 - present	Point-of-Care Ultrasound, Musculoskeletal
2020 - present	Board Certified Specialist in Oncology Nutrition (ONS)
2015 - present	Certified Nutrition Support Dietitian (CNSD)
2013 - present	Registered Dietitian (RD)
2013 - present	Licensed Dietitian, Kentucky (LD)

## TEACHING EXPERIENCE

**Clinical Assistant Professor**, University of Texas Rio Grande Valley 2022 – Present

Teach graduate students in the Master of Science in Health Science, nutrition concentration through online asynchronous and synchronous curriculum. Teach undergraduate and graduate students in the Bachelor's and Master's Dietetics program. Job responsibilities include preparing course materials including syllabi, assignments, and exams. Delivering lectures and facilitate classroom discussion boards.

Courses include Advanced nutrition and metabolism, Pathophysiology of disease, Nutrition in diabetes, Nutrition Concepts, Integrative Nutrition, Eating Disorders, and Nutrition therapy for sports.

**Adjunct Clinical Professor**, Rutgers University 2022 – Present

Teaching doctoral students in the DCN program and providing mentorship for manuscript development and publication through online courses. Job responsibilities include preparing course materials including syllabi, assignments, and exams. Delivering lectures and facilitate classroom discussion boards.

Courses include Human metabolism and body composition, Vitamin and mineral metabolism, and Current hot topics in nutrition.

**Adjunct Clinical Professor**, University of Kentucky 2021 – 2023

Teaching undergraduate and graduate students in the Dietetics and Human Nutrition and the Nutritional Sciences program both face to face and asynchronously. Job responsibilities include preparing course materials including syllabi, assignments, and exams. Delivering lectures and facilitate classroom discussion boards.

Courses include Research methodology and Counseling (DHN program); Nutraceuticals and functional food, Advanced medical nutrition therapy, and Assessment skills in clinical nutrition (Nutritional Sciences Program).

## CLINICAL EXPERIENCE

**Pediatric Dietitian**, Kentucky Children's Hospital 2017 – Present

Develop nutritional plans for patients (inpatient and outpatient) in the Pediatric Hematology/Oncology division. Monitor weight and nutritional status to provide appropriate interventions. Educated patients on diet, nutrition support, and pharmacology management. Aided in securing formula and food for all patients in accordance with appropriate medical nutrition therapy based on status and lab values.

Attended daily inpatient rounds, and all multidisciplinary Pediatric Hem/Onc tumor boards and meetings.

Worked with fellow Hem/Onc team members to maintain appropriate enteral/parenteral nutrition records and orders for outpatient therapy. Aided with insurance authorization for medications and nutrition support for patients. Scheduled patients for outpatient visits.

Maintained knowledge of clinical trial, chemotherapy medications, and attend conferences to maintain most up-to-date evidenced based practice. Ensured team members and residents are up to date on the newest dietary recommendations and available resources for patients. Also assessed, managed, and treated nutritional needs for pediatric patients with congenital heart disease in the outpatient setting.

**Clinical Dietitian**, University of Cincinnati Medical Center

2016 – 2017

Assess, manage, and treat nutritional needs for Hematology/Oncology, Bone marrow transplant, and Solid organ transplant patients.

Monitor weight and nutritional status to provide appropriate interventions. Educated patients on diet, nutrition support, and pharmacology management. Aided in securing formula and food for all patients in accordance with appropriate medical nutrition therapy based on status and lab values. Attended daily inpatient rounds with the multidisciplinary team.

Maintained knowledge of clinical trial, chemotherapy medications, and attend conferences to maintain most up-to-date evidenced based practice. Ensured team members and residents were up to date on the newest dietary recommendations and available resources for patients.

**Clinical Dietitian**, Morrison Management Specialist

2014 – 2016

Assess, manage, and treat nutritional needs for Hematology/Oncology and GI surgical nutrition support patients. Cross trained/covered in Pediatrics and Critical care.

Monitor weight and nutritional status to provide appropriate interventions. Educated patients on diet, nutrition support, and pharmacology management. Attended daily inpatient rounds with the multidisciplinary team.

Completely managed parenteral nutrition needs of patients throughout the hospital, including macronutrients, micronutrients, electrolytes, fluids, and additives.

Maintained knowledge of clinical trial, chemotherapy medications, and attend conferences to maintain most up-to-date evidenced based practice for all services covered. Ensured team members were up to date on the newest dietary recommendations and available resources for patients.

**Home Infusion Dietitian**, Lincare

2013 – 2014

Assess, manage, and treat enteral and parenteral needs for home infusion patients.

Educated patients on how to administer nutrition via feeding tube or parenteral nutrition at home.

Checked with insurance to make sure all services were covered and obtained documentation needed to cover services that were needed.

## **RESEARCH EXPERIENCE**

### **Research Currently in Progress**

Pediatric Oncology Interventional Nutrition Therapy (POINT) Trial - *Ongoing*

The incidence of malnutrition in the pediatric oncology population is significant, leading to a decreased 5-year survival, increased infection risk, and decreased event free survival. Despite the concerning health impact of malnutrition, clinical interventions are limited in this group of patients. Although some interventions have proven to be efficacious, the effect on body composition in pediatrics is not well defined. Clinically, it has been demonstrated that increased adiposity and decreased lean body mass in pediatric cancer patients can be detrimental to treatment outcomes and increase the risk of secondary cancers. This study will analyze the effect of variable nutritional interventions on body composition utilizing ultrasound measurements of quadriceps muscle layer thickness among pediatric cancer patients randomized to oral nutrition supplements, appetite stimulants, or enteral nutrition.

Comprehensive Assessment of Changes in Body Composition, Physical Activity, and Nutritional Intake During Treatment for Acute Lymphoblastic Leukemia – *Ongoing*

Acute lymphoblastic leukemia (ALL) is the most common childhood cancer. Due to the development of increasingly effective therapies, 90% of children diagnosed with ALL are now long-term survivors. Unfortunately, these long-term survivors are at risk for life-affecting complications with over one-fifth developing a serious chronic medical condition within 25 years from diagnosis. Furthermore, obese children have worse event-free survival following treatment for ALL. Weight is one of the few modifiable risk factors that affect the outcome of this disease. Therefore, it is important to gain a better understanding of the factors contributing to the development of. This study will measure body composition using a 4-compartment model, analyzing nutritional intake and physical activity, and biomarkers that could help predict obesity risk.

## Grant Support

### Active Grants

01/01/2023 – 12/31/2024

PI: Corey Hawes, UK Maternal and Pediatric Research Alliance, UL1TR001998, \$25,000

## Publications

Stanfar K, **Hawes C**, Radler D, Byham-Gray L, Ghajar M. Diet Modification Reduces Pain and Improves Function in Adults with Osteoarthritis: a systematic review. *J Human Nutrition*. Accepted, pending publication.

**Hawes, C**, Gomes, A, Byham-Gray, L, Henderson, S. The effect of oral nutrition supplements and appetite stimulants on weight status among pediatric cancer patients: a systematic review. *Nutr Clin Pract*. 2022; 1- 14. doi:10.1002/ncp.10919

**Hawes, C**. "Pediatric Cancer and the Use of Appetite Stimulants for Weight Gain." PNPG Building Block for Life 41.4 (2018): 9-12.

Redzic M., Thomas D., **Hawes C**. "A Pilot Study Promoting Healthy Lifestyles in a Targeted Minority Setting." Abstract, Tracy Farmer Institute for Sustainability and the Environment 4<sup>th</sup> Annual Research Showcase, University of Kentucky (2014).

## Presentations

"The effect of oral nutritional supplements and appetite stimulants on weight status among children diagnosed with a pediatric malignancy: A systematic review". *13th Annual SHP Student Research & Scholarship Symposium*. May 2023

## SERVICE

### Clinical

<i>Dates</i>	<i>Activity</i>	<i>Role</i>
2024- present	American Society of Parenteral and Enteral Nutrition Pediatric Clinical Practice (ASPEN)	Chairperson
2020- present	ASPEN Research Committee	Member
2019-2022	ASPEN Nutrition Support Fundamentals Review Committee	Member
2018-2020	ASPEN Clinical Practice Committee	Member
2017-2018	ASPEN Self-Assessment Committee	Member

### Professional

<i>Dates</i>	<i>Activity</i>	<i>Role</i>
2018- present	Academy of Nutrition and Dietetics (AND) Nutrition Care Manual	Board of Editors
2017-2020	AND Pediatric Nutrition Dietetics Practice Group	Mentor
2016-2020	AND Nutrition Support Dietetics Practice Group	Mentor
2015-2020	AND Oncology Dietetics Practice Group	Mentor
2019-2021	Kentucky AND Nominating Committee	Chairperson
2017-2019	Kentucky AND	Teller's Chair

### Public

<i>Dates</i>	<i>Activity</i>	<i>Role</i>
2019- present	Down Syndrome Association of Central Kentucky Board of Directors	Chairperson
2022- present	Nutrition in Clinical Practice	Peer reviewer
2022- present	Journal of Parenteral and Enteral Nutrition	Peer reviewer