






Want to reach out to someone at CCHMC who worked with Live Well in the past?
Here is a list of individuals of our partners:

PROJECT	DESIGN CHALLENGE	STUDIO OUTCOME	CCHMC STAFF	CONTACT INFO
CCHMC Value	How do we identify and find value in the Live Well Collaborative design process?	Live Well Collaborative Board Game Presentation Deck		
CBDI Care 	What is the optimal journey in pediatric oncology for patients, families, and caregivers?	Rounds Notification ADL 123 Device ¹⁹ CBDI virtual tour Liberty Campus ¹ Remote monitoring options Ideal journey mapping Patient therapy calendar Oncology Handbook ² AYA COVID-19 Physical Activities CBDI Microsite Biorepository Informed Consent	Dr. John Perentesis Rebecca Frye Melissa Scott Kirbi Hais Christopher Dandoy Victoria Hickey John Huber	john.perentesis@cchmc.org rebecca.frye@cchmc.org melissa.scott@cchmc.org kirbi.hais@cchmc.org christopher.dandoy@cchmc.org victoria.hickey@cchmc.org john.huber@cchmc.org
CBDI Educational	How can the CCHMC video presence be expanded after the re-design of their website?	15 Animated videos: Leukemia ³ , nutrition, male & female fertility preservation, HPV vaccine, feeding tubes, TPN, digital navigation suite ⁴ , proton therapy ⁵ , what is research ⁶ , patient reported outcomes ⁷ , remote patient care, infection prevention ⁸ , and more!	Dr. John Perentesis Rebecca Frye Melissa Scott Kirbi Hais	john.perentesis@cchmc.org rebecca.frye@cchmc.org melissa.scott@cchmc.org kirbi.hais@cchmc.org
CBDI Parent 	How can we combat the feeling of uncertainty parents get when their child is diagnosed with cancer?	IMPACT app prototype IMPACT publication ^{14,15} Virtual treatment plan Synchronized calendar	Dr. Ahna Pai	ahna.pai@cchmc.org
Pediatrics Asthma Center 	How can we improve the patient and caretaker understanding of their Asthma Action Plan and discharge instructions?	Tailored video discharge instructions Ideal patient journey map Animated overview of asthma	Dr. Melinda Kovacic Dr. Carolyn Kercsmar	carolyn.kercsmar@cchmc.org
Pediatrics PPC Clinic 	How can clinical wait times for patients and families be utilized to connect them to community resources?	Pediatric primary care clinic redesign of resource desk, resource wall, and entry and kids area Transformation ¹⁶	Dr. Robert Kahn Adrienne Henize, JD Dr. John Morehous	robert.kahn@cchmc.org adrienne.henize@cchmc.org john.morehous@cchmc.org
Pediatrics Anesthesia	Can we design an ideal anesthesia induction for children?	Engaging breathing game Interactive breathing device Functional prototypes Patent App: USSN 16/240,179	Abby Hess Dr. Anna Varughese John Brophy	abby.hess@cchmc.org
Pediatrics Informed Consent	How can we improve the parent/patient engagement during the informed consent process?	ICD redesign "What is research?" video ⁶ Website for PIs to create ICDs ICD app	Dr. Todd Florin	No Contact
Pediatrics Pain Management 	Can we design an optimal pain management experience for Spinal Fusion and Pectus Excavatum?	AIM system: Website App Pocket guide Wearable Gen. Z hero's journey videos	Dr. Victor Garcia Dr. Peter Sturm	victor.garcia@cchmc.org peter.sturm@cchmc.org
Pediatrics PICU	How can situational awareness improve the action response in PICU?	PICU CPR Situational Awareness Digital Prototype Action Response Plan	Dr. Maya Dewan	maya.dewan@cchmc.org
Pediatrics TALI	How can we better educate patient families about technology assisted language intervention (TALI)?	Quick Reference Guide TALI Educational Videos (Self Monitoring & Repairing; Encouraging your child to communicate Using Language)	Dr. Jareen Meinzen-Derr Rosie Sheldon Laura Smith Lane	jareen.meinzen-derr@cchmc.org rose.sheldon@cchmc.org
Pediatrics Center for Simulation And Research	How can we design a CPR toolkit to fit the needs of IDD learners in CPR certification courses?	CPR Learning Toolkit CPR & AED Skills Training Book Sorting card activity Multiplayer board game with CPR manikin and interactive toy AED	Angie Jackson Erin Riehle Mary Ellen Daston Matt Wortman Luke Wasserman	angie.jackson@cchmc.org erin.riehle@cchmc.org maryellen.daston@cchmc.org matt.wortman@cchmc.org luke.wasserman@cchmc.org

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Heart Institute Education 	How does education impact a family's ability to care for their child after heart surgery?	Home care education ¹⁸ Quick reference guide Mobile website Recovery pathway	Dr. Sandra Stavetski Dr. Sam Hanke Dr. Nicolas Madsen Dr. Barbie Giambra	samuel.hanke@cchmc.org nicolas.madsen@cchmc.org barbara.giambra@cchmc.org
Heart Institute VAD Education 	How might we design VAD education modules to fulfill the needs for pediatric patients, families, and clinicians?	22 e-learning courses across four modules Animation, character, layout, and functionality styles	Dr. Angela Lorts Lauren Burkhart Katrina Fields Dr. Chet Villa Dr. Ryan Moore	Lauren.smyth@cchmc.org
Behavioral Medicine Foster Care	How can we education foster care youth on the importance of preventative healthcare and help them make decisions regarding their own healthcare?	IDENTITY Web Portal ^{17, 24} 80 pg "I Care" health guide Brand identity DBT worksheets Animated video ¹⁰ I Care Website - icaretocheck.org ¹¹ HealthHero - EHR for foster youth	Dr. Mary Greiner Dr. Sarah Beal Dr. Judith Dexheimer	mary.greiner@cchmc.org sarah.beal@cchmc.org judith.dexheimer@cchmc.org
Behavioral Medicine Medication Adherence 	How can we create a device to aid in medication adherences as well as capture data to improve patient outcomes?	Device prototype Phone app Patent No.: D812,246 S	Dr. Kevin Hommel	kevin.hommel@cchmc.org
Sickle Cell iTransition I & II 	How can we improve the transition from pediatric to adult care for youth with sickle cell disease?	Customizable patient profiles ²⁰ Transition card series for staff Patient-patient app interface Daily self-management charts	Dr. Lori Crosby	lori.crosby@cchmc.org
Sickle Cell Sickle Cell Trait 	How do we educate and inspire the public to learn more about sickle cell trait?	Website visualizations sicklecelltrait.org ¹² Informative illustrations Animated video ¹³	Dr. Charles Quinn Lisa Shook	charles.quinn@cchmc.org lisa.shook@cchmc.org
Sickle Cell Hematology 	How can we create a toolkit to help providers learn about Hydroxyurea protocol?	Printable supplemental tools Learning modules: quizzes, webinars, & videos HelpSCD.org	Dr. Lori Crosby Lisa Shook Dr. Russell Ware	lori.crosby@cchmc.org lisa.shook@cchmc.org russell.ware@cchmc.org
Sickle Cell SPEAK 	How can we modernize educational materials and tools to better serve the patient family population?	My Care Journey (Print) SCDcare.org (Digital) ²³ Educational Tools (Human)	Lynette Fenchel Dr. Charles Quinn Dr. Lori Crosby Lisa Shook Dr. Patrick McGann	lynette.fenchel@cchmc.org charles.quinn@cchmc.org lori.crosby@cchmc.org patrick.mcgann@cchmc.org
Patient Services Sibling Care 	What is the current sibling experience at CCHMC and how can their needs be better met?	TYS Game Sibling Space Guidelines	Dawn Nebrig	dawn.nebrig@cchmc.org
Transition Medicine Compassionate 	How can we make the end of life experience at CCHMC more comfortable for families?	Privacy lights, comfort quilt, little reminders, remembrance garden, alert lights, spiritual lights, and spatial considerations	Dr. Rachel Thienprayoon Dr. Melissa Mark Daniel Grossoehme	rachel.thienprayoon@cchmc.org melissa.mark@cchmc.org dgrossoehme@akronchildrens.org
Transition Medicine Decision Making Tool	How can we empower patients with ulcerative colitis to participate in shared decision-making?	Brand identity Mobile website	Dr. Ellen Lipstein Dr. Phil Minar Nancy Daraiseh, PhD	ellen.lipstein@cchmc.org phillip.minar@cchmc.org nancy.daraiseh@cchmc.org
Transition Medicine Journey Map Tools	How can we design a home-based palliative care experience that assures we are offering the correct tools to improve patient and caregiver quality of life?	Duchenne Muscular Dystrophy (PPMD) Severe Neurological Impairments (CPN)	Dr. Rachel Thienprayoon Sheryl Blockmer Dr. Mark Meyer Dr. Wendy Chouteau Blyth Lord Jennifer Sideman LaDonna Morales	rachel.thienprayoon@cchmc.org sheryl.blockmer@cchmc.org mark.meyer@cchmc.org wendy.chouteau@cchmc.org blord@courageousparentsnetwork.org jennifer@courageousparentsnetwork.org ladonna.morales@cchmc.org

Appendix & Links

Website Links

1. <https://www.cincinnatichildrens.org/service/c/cancer-blood/cancer/proton>
2. <https://www.cincinnatichildrens.org/service/c/cancer-blood/cancer/oncology-handbook>
9. <https://identity.cchmc.org/identityCore2>
10. <http://icare2check.org/Home/YourCareGuide>
11. <http://icare2check.org/>
12. <http://sicklecelltrait.org/>
13. <http://sicklecelltrait.org/teen>
23. <http://SCDcare.org>

Video Links

3. <https://www.youtube.com/watch?v=UXfANnRyStM> - What is Leukemia?
4. <https://www.youtube.com/watch?v=yJPIGsYU3WM> - Digital Navigation Suite
5. <https://www.youtube.com/watch?v=t3duL9gKx8M> - What is Proton Therapy?
6. <https://www.youtube.com/watch?v=HVcfbLEgyMU> - What is Research?
7. <https://www.youtube.com/watch?v=mO1mWBIB50U> - Patient Reported Outcomes
8. <https://www.youtube.com/watch?v=nU5HHs2Llrl> - Cancer Patient Journey: Preventing Infections

Publications

14. Morrison CF, Szulczewski L, Strahlendorf LF, Lane JB, Mullins LL, and Pai AL. "Designing Technology to Address Parent Uncertainty in Childhood Cancer" in *Technologies, Nursing & Health*, vol. 39, issue 1, March 2016, 15-25.
15. Marsolo K, Shuman W, Nix J, Morrison CF, Mullins LL, Pai AL. "Reducing Parental Uncertainty Around Childhood Cancer: Implementation Decisions and Design Trade-Offs in Developing an Electronic Health Record-Linked Mobile App." in *Journal of Medical Internet Research*, vol. 6, issue 6, June 2017.
16. Henize AW, et al "Transformation of a Pediatric Primary Care Waiting Room: Creating a Bridge to Community Resources" in *Maternal and Child Health Journal*, vol. 22, no. 3, June 2018, 779-785.
17. Greiner MV, Beal SJ, Dexheimer JW, Divekar P, Patel V, Hall ES. "Improving Information Sharing for Youth in Foster Care." *Pediatrics*, vol 144, issue (2), August 2019.
18. Lane B, Hanke S, Giambre B, Madsen N, Staveski S. (n.d.). Development of clinician-parent home care education intervention. *Cardiology in the Young*, 1-6.
19. Hickey V, Flesch L, Lane A, Pai A, Huber J, Badia P, Davies S, Dandoy C. Token economy to improve adherence to activities of daily living, *Pediatric Blood Cancer*. 2018;65:e27387
20. Crosby L, Joffe N, Dunseath L, and Lee R. "Design Joins the Battle Against Sickle-Cell Disease". DMI Summer 2013 Edition.
21. Crosby, L.E., Ware, R.E., Goldstein, A., Walton, A., Joffe, N.E., Vogel, C., & Britto, M.T. (2016). Development and evaluation of iManage: A self-management app co-designed by adolescents with sickle cell disease. *Pediatric Blood Cancer*, 1-7. doi:10.1002/pbc.26177.
22. Vogel, C., Dunseath, L., & Crosby, L. (2015). iTransition: promoting healthcare independence for teens with chronic illness. In *Tauke, B., Smith, K., & Davis, C. (Eds.), Diversity and Design: Understanding Hidden Consequences*. Routledge.
23. "Saving A Life: Meeting Learners Where They Are" <https://inspire.cincinnatichildrens.org/inspire-june-2021/cpr-kit/>
24. Beal SJ, Nause K, Lutz N, Greiner MV. The Impact of Health Care Education on Utilization Among Adolescents Preparing for Emancipation From Foster Care. *J Adolesc Health*. 2020 Jun;66(6):740-746. doi: 10.1016/j.jadohealth.2019.12.009. Epub 2020 Jan 25. PMID: 31987723; PMCID: PMC7263967.

Awards

1. Fast Company Magazine Oct/Nov 2020 - Honorable Mention
Health Innovation - ADL 123 Device
2. Design Management Institute - Design Value Award 2019
Third place - ADL 123 Device