

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Devine, Katie

eRA COMMONS USER NAME (credential, e.g., agency login): kdevine

POSITION TITLE: Associate Professor

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Cornell University, Ithaca, NY	B.S.	05/2003	Human Development
University of Georgia, Athens, GA	M.S.	05/2006	Clinical Psychology
University of Florida Health Science Center, Gainesville, FL	--	07/2007	Pre-doctoral Internship in Pediatric Psychology
University of Georgia, Athens, GA	Ph.D.	05/2008	Clinical Psychology
Loyola University Chicago, Chicago, IL	--	06/2010	Postdoctoral Fellowship in Pediatric Psychology
University of Rochester School of Medicine, Rochester, NY	M.P.H.	08/2013	Public Health

A. Personal Statement

I am a clinical psychologist with a background in human development. I serve as the Section Chief of Pediatric Population Science, Outcomes, and Disparities Research at Rutgers Cancer Institute of New Jersey. My research focuses on the psychosocial aspects of pediatric, adolescent, and young adult cancer survivorship, including patient and family adaptation to illness, adherence to medical recommendations and survivorship care, and health promotion for survivors. My work addresses the full trajectory of survivorship care, from diagnosis through long-term follow-up. I am the PI of an NCI-funded R37 to evaluate the efficacy of Bright IDEAS-Young Adults, a problem-solving skills training intervention targeted to the unique and extensive needs of young adult patients actively receiving cancer treatment (R37CA240807). We have successfully enrolled over 250 young adults to this trial. I also served as the PI of a recently completed NCI R21 award to develop and evaluate Managing Your Health, an online self-management + peer mentoring intervention to improve transition readiness among young adult survivors of childhood cancer preparing to independently manage their healthcare. This work involved user-centered design and extensive qualitative work to iteratively develop the intervention. I am committed to mentoring trainees at all levels. I have mentored trainees at all levels, including high school, undergraduate, graduate, postdoctoral, and early career faculty. I have served as the primary mentor for two early career psychologists funded through Mattie Miracle Foundation (PIs: Long-Traynor, Amaro), a postdoctoral fellow funded through the New Jersey Commission on Cancer Research (PI: Kwok), and an MD/PhD student funded through NHLBI F30 (PI: Viola).

Ongoing and recently completed projects that I would like to highlight include:

NIH/NCI R37CA240807

Devine (PI)

04/15/20 - 03/31/25

Bright IDEAS-Young Adults: Problem-Solving Skills Training to Reduce Distress among Young Adults with Cancer

NIH/NCI R21CA222936

Devine (PI)

06/01/18 – 05/31/21

Improving Transition Readiness in Adolescent and Young Adult (AYA) Survivors of Childhood Cancer

Citations:

1. Viola AS, Kwok G, Levonyan-Radloff K, Manne SL, Noll RB, Phipps S, Sahler OJZ, **Devine, KA**. Feasibility and acceptability of Bright IDEAS-Young Adults: A problem-solving skills training intervention. *Cancers*, 14(13), 3124, 2022. PMID: [PMC9264826](#)
2. Viola AS, Levonyan-Radloff K, Masterson M, Manne SL, Hudson SV, **Devine KA**. Development of a self-management and peer-mentoring intervention to improve transition readiness among young adult survivors of pediatric cancer: Formative qualitative research study. *JMIR formative research*. 2022; 6(8):e36323. PMID: [PMC9386586](#)
3. **Devine KA**, Viola A, Levonyan-Radloff K, Mackowski N, Bozzini B, Chandler A, Xu B, Ohman-Strickland P, Mayans S, Farrar-Anton A, Sahler OJZ, Masterson M, Manne SL, Arent SM. Feasibility of FitSurvivor: a technology-enhanced group-based fitness intervention for adolescent and young adult survivors of childhood cancer. *Pediatr Blood Cancer*, 2020; e28530. PMID: [32589339](#)
4. Viola A, **Devine KA**, Taggi-Pinto A, Sahler OJZ, Alderfer M. Problem-solving skills, parent-adolescent communication, dyadic functioning, and distress among adolescents with cancer. *Pediatr Blood Cancer*. 2018;65:e26951. doi: 10.1002/pbc.26951 PMID: [PMC5867217](#).

B. Positions, Scientific Appointments, and Honors

Positions

- 2021 - Associate Professor, Department of Pediatrics, Rutgers Robert Wood Johnson Medical School, Rutgers Cancer Institute of New Jersey, Rutgers, the State University of New Jersey
- 2020 - Chief, Section of Pediatric Population Science, Outcomes, and Disparities Research, Department of Pediatrics, Rutgers Cancer Institute of New Jersey, Rutgers, the State University of New Jersey
- 2013 - 2021 Assistant Professor, Department of Medicine, Section of Population Science, Rutgers Robert Wood Johnson Medical School, Rutgers Cancer Institute of New Jersey, Rutgers, the State University of New Jersey
- 2010 - 2013 Research Assistant Professor and NCI Clinical Cancer Control Research Trainee, University of Rochester School of Medicine & Dentistry, James P. Wilmot Cancer Center

Scientific Appointments

- 2022 - Associate Editor, *Journal of Pediatric Psychology*
- 2021 - Editorial Board Member, *Children's Health Care*
- 2020 Research Grant Peer Reviewer, World Cancer Research Fund International
- 2019 - 2021 Ad hoc reviewer, NIH Special Emphasis Panels (5 Scientific Review Groups)
- 2019 - ACNS1931 Study Committee Member, Children's Oncology Group
- 2018 - AAML18P1 Study Committee Member, Children's Oncology Group
- 2018 - 2020 Division 54 Society of Pediatric Psychology Executive Board, elected Member-At-Large
- 2017 - Member, American Psychosocial Oncology Society (APOS)
- 2016 - Member, Rutgers Health Sciences IRB & IRB Executive Committee, Rutgers University
- 2015 - Co-Chair, Psychosocial Guidelines Working Group, The International Late Effects of Childhood Cancer Guideline Harmonization Group
- 2014 - Member, Rutgers Cancer Institute of New Jersey Scientific Review Board
- 2013 - Editorial Board Member, *Journal of Pediatric Psychology*
- 2011 - 2013 Associate Member, American Society of Clinical Oncology (ASCO)
- 2011 - Member, Children's Oncology Group (Behavioral Science)
- 2010 - Member, Society of Behavioral Medicine (SBM)
- 2010 - 2013 Member, American Society of Preventive Oncology (ASPO)
- 2005 - 2007 Student Representative to Executive Committee, APA 54 Society of Pediatric Psychology
- 2003 - Member, American Psychological Association (APA)
- 2003 - Member, Society of Pediatric Psychology (APA Division 54)

Honors

- 2020: Children's Cancer Cause Survivorship Champion's Prize awarded to Rutgers Cancer Institute of New Jersey LITE Program for Scalability of Programs & Services
- 2015: APA Division 54 Society of Pediatric Psychology Routh Early Career Award

- 2011: Diane Willis Award for Outstanding *Journal of Pediatric Psychology* Article Honorable Mention
- 2011: Selected as Fellow for the NIH Summer Institute on the Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions
- 2011: Poster Prize Winner, American Society of Preventive Oncology Annual Meeting
- 2010: Best Poster in Cancer Control/Epidemiology, Wilmot Cancer Center Scientific Symposium
- 2010: Citation Abstract Winner, Annual Meeting of the Society of Behavioral Medicine
- 2008: Society of Pediatric Psychology (Division 54 of APA) Student Spotlight Award
- 2008: Boardman-Forehand-Jackson Award, University of Georgia
- 2008: Herbert Zimmer Research Scholar Award, University of Georgia
- 2007: Henry E. Adams Memorial Research Award, University of Georgia
- 2006: Florene M. Young Award, University of Georgia

C. Contributions to Science

1. AYA adherence to medical recommendations, survivorship care, and medical decision-making

In collaboration with others, my work has identified individual and family factors associated with adherence to medical regimens. The focus has been on adolescent and young adult populations, including AYA with cancer, spina bifida, solid organ transplants, and asthma. This work has also examined differences in reporters (i.e., parent vs. adolescent) and adherence indicators (i.e., subjective report vs. biological indicators), as well as barriers to adherence and strategies for measuring adherence (e.g., electronic monitoring). Most recently, I have focused on developing interventions to improve transition readiness and self-management skills among AYA survivors of childhood cancer (R21CA222936; Viola et al. 2022) and young adults with sickle cell disease (Viola et al. 2021; medical student mentoring intervention) transitioning from pediatric to adult health care.

- a. Viola AS, Levonyan-Radloff K, Masterson M, Manne SL, Hudson SV, **Devine KA**. Development of a self-management and peer-mentoring intervention to improve transition readiness among young adult survivors of pediatric cancer: Formative qualitative research study. *JMIR formative research*. 2022; 6(8):e36323.
- b. **Devine KA**, Viola A, Capucilli P, Sahler OJZ, Andolina, J. Factors associated with non-compliance with long-term follow-up care among pediatric cancer survivors. *J Pediatr Hematol Oncol*, 2017; 39:167-173. PMID: [PMC5364048](https://pubmed.ncbi.nlm.nih.gov/35364048/).
- c. Viola A, Levonyan-Radloff K, Drachtman R, Porter J, Savage B, Kavaney A, Sridharan A, Delnevo C, Coups E, **Devine KA**. Understanding barriers to transition from pediatric to adult care among young adults with sickle cell disease to develop a transition mentor program. *Clin Pract Pediatr Psychol*, 2021; 9(1), 68-81.
- d. Viola A, Levonyan-Radloff K, Drachtman R, Porter J, Savage B, Kavaney A, Sridharan A, Delnevo C, Coups E, **Devine KA**. Feasibility of medical student mentors to improve transition in sickle cell disease. *J Pediatr Psychol*, 2021; doi: 10.1093/jpepsy/jsab031.

2. Improving health behaviors of adolescent and young adult (AYA) cancer survivors - mHealth

My work has focused on health behaviors of survivors of childhood cancers and mHealth interventions to promote physical activity. My work and that of others identified factors associated with insufficient physical activity among AYA survivors. mHealth interventions offer appealing solutions for AYA survivors who are digital natives and use technology to seek health information but have difficulty finding credible and relevant information online. My NCI K07 award project demonstrated the feasibility of a mHealth fitness intervention to promote exercise and healthy lifestyle behaviors for AYA cancer survivors. I also led a review of digital health interventions to improve health behaviors and psychosocial outcomes for AYA survivors.

- a. **Devine KA**, Viola A, Levonyan-Radloff K, Mackowski N, Bozzini B, Chandler A, Xu B, Ohman-Strickland P, Mayans S, Farrar-Anton A, Sahler OJZ, Masterson M, Manne SL, Arent SM. Feasibility of FitSurvivor: a technology-enhanced group-based fitness intervention for adolescent and young adult survivors of childhood cancer. *Pediatr Blood Cancer*, 2020; e28530. doi: 10.1002/pbc.28530 PMID: [32589339](https://pubmed.ncbi.nlm.nih.gov/32589339/)
- b. **Devine KA**, Viola AS, Coups EJ, Wu YP. Digital health interventions for adolescent and young adult (AYA) cancer survivors. *JCO Clinical Cancer Informatics*, 2018(2):1-15. doi:10.1200/cci.17.00138 PMID: [PMC6547376](https://pubmed.ncbi.nlm.nih.gov/306547376/).

- c. **Devine KA**, Mertens AC, Whitton JA, Wilson CL, Ness KK, Gilleland J, Leisenring W, Oeffinger KC, Robison LL, Armstrong GT, Krull KR. Factors associated with physical activity among adolescent and young adult survivors of early childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). *Psycho-Oncol*, 2018; 27: 613-619. PMID: [PMC5807155](#).
- d. Jones LW, Liu Q, Armstrong GT, Ness KK, Yasui Y, **Devine KA**, Tonorezos E, Soares-Miranda L, Sklar CA, Douglas PS, Robison LL, Oeffinger KC. Exercise and risk of major cardiovascular events in adult survivors of Hodgkin Lymphoma: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2014; 32: 3643-3650. PMID: [PMC4220043](#).

3. Parent and AYA patient adaptation to illness

Much of my work has focused on parent and patient adaptation to illness for a variety of populations, including youth with solid organ transplants, spina bifida, and cancer. One contribution of this work was the initial validation of a measure of parenting stress, the Pediatric Parenting Stress Inventory (PPSI), conducted with mothers of children with cancer in the context of a problem-solving skills training intervention. I collaborated on a non-inferiority trial testing in-person vs. web-based Bright IDEAS problem-solving training for parents of children recently diagnosed with cancer. I led the adaptation of Bright IDEAS for AYA and I am currently the PI of a multisite trial to evaluate the efficacy of Bright IDEAS to reduce distress among young adult patients newly diagnosed with cancer (R37CA240807).

- a. Viola AS, Kwok G, Levonyan-Radloff K, Manne SL, Noll RB, Phipps S, Sahler OJZ, **Devine, KA**. Feasibility and acceptability of Bright IDEAS-Young Adults: A problem-solving skills training intervention. *Cancers*, 14(13), 3124, 2022. PMID: [PMC9264826](#)
- b. **Devine KA**, Heckler CE, Katz ER, Fairclough DL, Phipps S, Sherman-Bien S, Dolgin MJ, Noll RB, Askins MA, Butler RW, Sahler OJZ. Evaluation of the psychometric properties of the Pediatric Parenting Stress Inventory (PPSI) [in mothers of children with cancer]. *Health Psychol*, 2014; 33, 130-138. PMID: [PMC4055079](#).
- c. **Devine KA**, Manne SL, Mee L, Bartell AS, Sands SA, Myers-Virtue S, Ohman-Strickland P. Barriers to psychological care among primary caregivers of children undergoing hematopoietic stem cell transplantation. *Support Care Cancer*. 2016;24:2235-42. PubMed PMID: [26576965](#); PubMed Central PMID: [PMC4805489](#).
- d. Phipps S, Fairclough DL, Noll RB, **Devine KA**, Dolgin MJ, Schepers SA, Askins MA, Schneider NM, Ingman K, Voll M, Katz ER. In-person vs. web-based administration of a problem-solving skills intervention for parents of children with cancer: Report of a randomized noninferiority trial. *EClinicalMedicine*. 2020 Jul 1;24:100428.

4. Social functioning and peer relationships of children and adolescents with chronic illness

Social functioning and peer relationships are critical aspects of functioning for youth, and some youth with chronic illnesses are at risk for poorer functioning in these domains. My work has focused on youth with brain tumors, spina bifida, diabetes, and other endocrine disorders. I served as the Site PI of a St. Baldrick's Foundation grant that developed and evaluated the feasibility of a peer-mediated intervention to improve the social functioning of childhood brain tumor survivors. Our group also recently completed a systematic review of technology-based peer support interventions for adolescents with chronic illness.

- a. **Devine KA**, Willard VW, Hocking MC, Stapleton JL, Rotter D, Bukowski WM, Noll RB. PROMIS Peer Relationships Short-Form: How well does self-report correlate with data from peers? *J Pediatr Psychol*. 2018; 43: 1059-1067. PMID: [PMC6147751](#).
- b. **Devine KA**, Bukowski WM, Sahler OJ, Ohman-Strickland P, Smith TH, Lown EA, Patenaude AF, Korones DN, Noll RB. Social Competence in Childhood Brain Tumor Survivors: Feasibility and Preliminary Outcomes of a Peer-Mediated Intervention. *J Dev Behav Pediatr*. 2016; 37:475-82. PubMed PMID: [27355881](#); PubMed Central PMID: [PMC4930377](#).
- c. **Devine KA**, Holmbeck GN, Gayes L, Purnell JQ. Friendships of children and adolescents with spina bifida: Social adjustment, social performance, and social skills. *J Pediatr Psychol*, 2012; 37: 220-231. PMID: [PMC3282280](#).
- d. Berkanish P, Pan S, Viola A, Rademaker Q, **Devine KA**. Technology-based peer support interventions for adolescents with chronic illness: A systematic review. *J Clin Psychol Med Settings*, 2022. <https://doi.org/10.1007/s10880-022-09853-0>

Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/katie.devine.1/bibliography/47954562/public/?sort=date&direction=descending>