

Stanford



Lauren C. Heathcote

Postdoctoral Research Fellow, Anesthesiology, Perioperative and Pain Medicine

Bio

HONORS AND AWARDS

- Postdoctoral Support Grant (\$150,000), Stanford Maternal and Child Health Research Institute (2019-2021)
- Marian R. Stuart Project Grant on the Connection Between Mental and Physical Health (\$18,500), American Psychological Foundation (2019-2020)
- Project Grant: Building Resilience and Values through E-health (BRAVE) (\$80,000), Lucile Packard Foundation for Children's Health Auxiliaries Endowment Fund (2019-2020)
- International Collaboration Award (\$5000), Society of Pediatric Psychology (2017-2018)
- Doctoral Scholarship (\$73,000), Economics and Social Research Council (2013-2016)
- Research Training Fellowship (\$180,000), Action Medical Research for Children (2013-2016)
- Masters Scholarship (\$25,000), UK Medical Research Council (2010-2011)
- Finalist, Jonathan MacQuitty Best Final-Year Life Sciences Student Prize, Sussex University (2010)
- Jane Beattie Prize for the Highest 2nd Year Grade in Psychology, Sussex University (2009)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Secretary, Fear of Cancer Recurrence SIG, International Psycho-Oncology Society (2020 - present)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Oxford (2017)
- MSc in Psychological Research, University of Oxford (2011)

STANFORD ADVISORS

- Laura Simons, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Laura Simons, Biobehavioral Pediatric Pain Lab (10/2/2016)

Publications

PUBLICATIONS

- **Cancer Survivorship-Considering Mindsets.** *JAMA oncology*
Heathcote, L. C., Zion, S. R., Crum, A. J.
2020

- **Attentional biases in pediatric chronic pain: An eye-tracking study assessing the nature of the bias and its relation to attentional control.** *Pain*
Soltani, S., van Ryckeghem, D. M., Vervoort, T., Heathcote, L. C., Yeates, K., Sears, C., Noel, M.
2020
- **A BRIEF 10-ITEM MEASURE FOR RAPID IDENTIFICATION OF PAIN-RELATED FEAR-AVOIDANCE IN YOUTH WITH CHRONIC PAIN**
Rush, G., Heathcote, L. C., Bhandari, R., Timmers, I., Harrison, L., Simons, L. E.
OXFORD UNIV PRESS INC.2020: S787
- **WE DON'T SUFFER ALONE: THE SOCIAL CONTEXT OF FEAR OF CANCER RECURRENCE**
Soriano, E. C., Laurenceau, J., Cohee, A., Revenson, T. A., Heathcote, L. C.
OXFORD UNIV PRESS INC.2020: S421
- **DYNAMICS AND LONGITUDINAL PREDICTORS OF PARENT-CHILD COMMUNICATION ABOUT FEAR OF CANCER RECURRENCE**
Heathcote, L. C., Murphy, L. K., Prussien, K., Rodriguez, E., Ferrante, A., Fisher, R., Gerhardt, C., Vannatta, K., Compas, B.
OXFORD UNIV PRESS INC.2020: S423
- **PAINFULLY MISSING SPORTS: THE ROLE OF SPORTS PARTICIPATION AND ATHLETIC IDENTITY IN PEDIATRIC CHRONIC PAIN**
Loecher, N., Simons, L. E., Heathcote, L. C.
OXFORD UNIV PRESS INC.2020: S788
- **ATTENTION TO PAIN IN CHILDREN WITH CHRONIC PAIN: A CHILD VERSION OF THE PAIN VIGILANCE AND AWARENESS QUESTIONNAIRE (PVAQ-C)**
Heathcote, L. C., Simons, L. E.
OXFORD UNIV PRESS INC.2020: S627
- **DIAGNOSTIC UNCERTAINTY IN PARENTS OF CHILDREN WITH CHRONIC PAIN**
Heirich, M., Heathcote, L. C., Tanna, V., Simons, L. E.
OXFORD UNIV PRESS INC.2020: S788
- **Parent Responses to Their Child's Pain: Systematic Review and Meta-Analysis of Measures.** *Journal of pediatric psychology*
Harrison, L. E., Timmers, I., Heathcote, L. C., Fisher, E., Tanna, V., Duarte Silva Bans, T., Simons, L. E.
2020
- **Parent physical and mental health contributions to interpersonal fear avoidance processes in pediatric chronic pain.** *Pain*
Birnle, K. A., Heathcote, L. C., Bhandari, R. P., Feinstein, A., Yoon, I. A., Simons, L. E.
2020
- **Stuck on pain? Assessing children's vigilance and awareness of pain sensations.** *European journal of pain (London, England)*
Heathcote, L. C., Simons, L. E.
2020
- **Making sense of pain after cancer: A mixed-methods project spanning theory development through intervention**
Heathcote, L.
WILEY.2020: 58
- **Cancer-related worry among adult survivors of childhood cancer**
McDonnell, G., Brinkman, T., Wang, M., Gibson, T., Heathcote, L., Ehrhardt, M., Srivastava, D., Robison, L., Hudson, M., Alberts, N.
WILEY.2020: 55–56
- **Symptom monitoring and the uncertain threat of disease recurrence: A deductive thematic analysis with adolescent and young adult (AYA) cancer survivors.**
Heathcote, L. C., Loecher, N., Spunt, S. L., Simon, P., Dahl, G., Moiceanu, S., Cruanes, G., Tutelman, P., Schapira, L., Mueller, C., Chiu, B., Simons, L.
AMER SOC CLINICAL ONCOLOGY.2019
- **"My Surgical Success": Effect of a Digital Behavioral Pain Medicine Intervention on Time to Opioid Cessation After Breast Cancer Surgery-A Pilot Randomized Controlled Clinical Trial** *PAIN MEDICINE*
Darnall, B. D., Ziadni, M. S., Krishnamurthy, P., Flood, P., Heathcote, L. C., Mackey, I. G., Taub, C., Wheeler, A.
2019; 20 (11): 2228–37
- **Rapid identification and clinical indices of fear-avoidance in youth with chronic pain.** *Pain*

Heathcote, L. C., Bhandari, R. P., Timmers, I., Harrison, L. E., Simons, L. E.

2019

- **Assessing the content specificity of interpretation biases in community adolescents with persistent and interfering pain.** *Pain*
Lau, J. Y., Badaoui, M., Meehan, A. J., Heathcote, L. C., Barker, E. D., Rimes, K. A.
2019
- **Somatic Symptoms in Pediatric Patients With Chronic Pain: Proposed Clinical Reference Points for the Children's Somatic Symptoms Inventory (Formerly the Children's Somatization Inventory)** *JOURNAL OF PAIN*
Stone, A. L., Walker, L. S., Heathcote, L. C., Hernandez, J., Basch, M. C., Wilson, A. C., Simons, L. E.
2019; 20 (8): 932–40
- **When "A Headache is Not Just a Headache": A Qualitative Examination of Parent and Child Experiences of Pain After Childhood Cancer.** *Psycho-oncology*
Tutelman, P. R., Chambers, C. T., Urquhart, R., Fernandez, C. V., Heathcote, L. C., Noel, M., Flanders, A., Guilcher, G. M., Schulte, F., Stinson, J. N., MacLeod, J., Stern, M.
2019
- **"My Surgical Success": Effect of a Digital Behavioral Pain Medicine Intervention on Time to Opioid Cessation After Breast Cancer Surgery-A Pilot Randomized Controlled Clinical Trial.** *Pain medicine (Malden, Mass.)*
Darnall, B. D., Ziadni, M. S., Krishnamurthy, P., Flood, P., Heathcote, L., Mackey, I. G., Taub, C. J., Wheeler, A.
2019
- **Response to learned threat in youth with chronic pain**
Simons, L., Heathcote, L. C., Timmers, I., Alto, P., Borsook, D.
LIPPINCOTT WILLIAMS & WILKINS.2019: A204
- **Commentary: From Symptoms to Sensations: Moving Toward a Normal Psychology of Somatic Experiences in Youth.** *Journal of pediatric psychology*
Heathcote, L. C.
2019
- **Pain neuroscience education on YouTube** *PEERJ*
Heathcote, L. C., Pate, J. W., Park, A. L., Leake, H. B., Moseley, G., Kronman, C. A., Fischer, M., Timmers, I., Simons, L. E.
2019; 7: e6603
- **Somatic symptoms in pediatric patients with chronic pain: Proposed clinical reference points for the Children's Somatic Symptoms Inventory (formerly Children's Somatization Inventory).** *The journal of pain : official journal of the American Pain Society*
Stone, A. L., Walker, L. S., Heathcote, L. C., Hernandez, J. M., Basch, M. C., Wilson, A. C., Simons, L. E.
2019
- **Pharmacological interventions for chronic pain in children: an overview of systematic reviews.** *Pain*
Eccleston, C., Fisher, E., Cooper, T. E., Grégoire, M. C., Heathcote, L. C., Krane, E., Lord, S. M., Sethna, N. F., Anderson, A. K., Anderson, B., Clinch, J., Gray, A. L., Gold, et al
2019; 160 (8): 1698–1707
- **The CogBIAS longitudinal study of adolescence: cohort profile and stability and change in measures across three waves.** *BMC psychology*
Booth, C., Songco, A., Parsons, S., Heathcote, L. C., Fox, E.
2019; 7 (1): 73
- **Digitally enabled patient-reported outcome measures in cancer care - Authors' reply.** *The Lancet. Oncology*
Heathcote, L. C., Goldberg, D. S., Eccleston, C., Spunt, S. L., Simons, L. E., Sharpe, L., Earp, B. D.
2019; 20 (1): e3
- **Pain Education for Adolescents and Young Adults Living Beyond Cancer: An Interdisciplinary Meeting Report.** *Journal of adolescent and young adult oncology*
Heathcote, L. C., Allen, J. M., Gunn, K. M., Fox, S., Harvie, D. S., Olver, I., Skinner, I. W., Smith, A. G., Stanton, T. R., Whitford, H. S., Moseley, G. L.
2019
- **Pharmacological interventions for chronic pain in children: an overview of systematic reviews.** *Pain*
Eccleston, C., Fisher, E., Cooper, T. E., Grégoire, M. C., Heathcote, L. C., Krane, E., Lord, S. M., Sethna, N. F., Anderson, A. K., Anderson, B., Clinch, J., Gray, A. L., Gold, et al

2019

- **The interaction between stress and chronic pain through the lens of threat learning.** *Neuroscience and biobehavioral reviews*
Timmers, I., Quaedflieg, C. W., Hsu, C., Heathcote, L. C., Rovnaghi, C. R., Simons, L. E.
2019
- **Brain signatures of threat-safety discrimination in adolescent chronic pain.** *Pain*
Heathcote, L. C., Timmers, I., Kronman, C. A., Mahmud, F., Hernandez, J. M., Bentley, J., Youssef, A. M., Pine, D. S., Borsook, D., Simons, L. E.
2019
- **Is Empathy for Pain Unique in Its Neural Correlates? A Meta-Analysis of Neuroimaging Studies of Empathy** *FRONTIERS IN BEHAVIORAL NEUROSCIENCE*
Timmers, I., Park, A. L., Fischer, M. D., Kronman, C. A., Heathcote, L. C., Hernandez, J., Simons, L. E.
2018; 12
- **Advancing shared decision making for symptom monitoring in people living beyond cancer** *LANCET ONCOLOGY*
Heathcote, L. C., Goldberg, D. S., Eccleston, C., Spunt, S. L., Simons, L. E., Sharpe, L., Earp, B. D.
2018; 19 (10): E556–E563
- **Precipitating events in child and adolescent chronic musculoskeletal pain.** *Pain reports*
Becker, A. J., Heathcote, L. C., Timmers, I., Simons, L. E.
2018; 3 (Suppl 1): e665
- **Parent Attributions of Ambiguous Symptoms in Their Children: A Preliminary Measure Validation in Parents of Children with Chronic Pain.** *Children (Basel, Switzerland)*
Heathcote, L. C., Williams, S. E., Smith, A. M., Sieberg, C. B., Simons, L. E.
2018; 5 (6)
- **Cognitive Biases in Children and Adolescents With Chronic Pain: A Review of Findings and a Call for Developmental Research** *JOURNAL OF PAIN*
Lau, J. F., Heathcote, L. C., Beale, S., Gray, S., Jacobs, K., Wilkinson, N., Crombez, G.
2018; 19 (6): 589–98
- **Topical Review: Pain in Survivors of Pediatric Cancer: Applying a Prevention Framework** *JOURNAL OF PEDIATRIC PSYCHOLOGY*
Stone, A. L., Karlson, C. W., Heathcote, L. C., Rosenberg, A. R., Palermo, T. M.
2018; 43 (3): 237–42
- **Assessment of Pain Anxiety, Pain Catastrophizing, and Fear of Pain in Children and Adolescents With Chronic Pain: A Systematic Review and Meta-Analysis** *JOURNAL OF PEDIATRIC PSYCHOLOGY*
Fisher, E., Heathcote, L. C., Eccleston, C., Simons, L. E., Palermo, T. M.
2018; 43 (3): 314–25
- **Rapid Screening of Risk in Pediatric Headache: Application of the Pediatric Pain Screening Tool** *JOURNAL OF PEDIATRIC PSYCHOLOGY*
Heathcote, L. C., Rabner, J., Lebel, A., Hernandez, J. M., Simons, L. E.
2018; 43 (3): 243–51
- **Attention bias modification training for adolescents with chronic pain: a randomized placebo-controlled trial** *PAIN*
Heathcote, L. C., Jacobs, K., Van Ryckeghem, D. L., Fisher, E., Eccleston, C., Fox, E., Lau, J. F.
2018; 159 (2): 239–51
- **Social interaction and pain: An arctic expedition** *SOCIAL SCIENCE & MEDICINE*
Block, P., Heathcote, L. C., Heyes, S.
2018; 196: 47–55
- **Is Empathy for Pain Unique in Its Neural Correlates? A Meta-Analysis of Neuroimaging Studies of Empathy.** *Frontiers in behavioral neuroscience*
Timmers, I., Park, A. L., Fischer, M. D., Kronman, C. A., Heathcote, L. C., Hernandez, J. M., Simons, L. E.
2018; 12: 289
- **Attention bias modification training for adolescents with chronic pain: a randomized placebo-controlled trial.** *Pain*
Heathcote, L. C., Jacobs, K., Van Ryckeghem, D. M., Fisher, E., Eccleston, C., Fox, E., Lau, J. Y.
2018; 159 (2): 239–51

- **Biased interpretations of ambiguous bodily threat information in adolescents with chronic pain.** *Pain*
Heathcote, L. C., Jacobs, K., Eccleston, C., Fox, E., Lau, J. Y.
2017; 158 (3): 471-478
- **Pain and cancer survival: a cognitive-affective model of symptom appraisal and the uncertain threat of disease recurrence.** *Pain*
Heathcote, L. C., Eccleston, C.
2017
- **Antidepressants for chronic non-cancer pain in children and adolescents (Protocol)** *Cochrane Database of Systematic Reviews*
Cooper, T. E., Heathcote, L. C., Clinch, J., Gold, J., Howard, R., Lord, S., Schechter, N., Wood, C., Wiffen, P. J.
2017; 2
- **Antiepileptic drugs for chronic non-cancer pain in children and adolescents** *COCHRANE DATABASE OF SYSTEMATIC REVIEWS*
Cooper, T. E., Wiffen, P. J., Heathcote, L. C., Clinch, J., Howard, R., Krane, E., Lord, S. M., Sethna, N., Schechter, N., Wood, C.
2017: CD012536
- **Non-steroidal anti-inflammatory drugs (NSAIDs) for cancer-related pain in children and adolescents** *COCHRANE DATABASE OF SYSTEMATIC REVIEWS*
Cooper, T. E., Heathcote, L. C., Anderson, B., Gregoire, M., Ljungman, G., Eccleston, C.
2017: CD012563
- **Antidepressants for chronic non-cancer pain in children and adolescents** *COCHRANE DATABASE OF SYSTEMATIC REVIEWS*
Cooper, T. E., Heathcote, L. C., Clinch, J., Gold, J. I., Howard, R., Lord, S. M., Schechter, N., Wood, C., Wiffen, P. J.
2017: CD012535
- **The CogBIAS longitudinal study protocol: cognitive and genetic factors influencing psychological functioning in adolescence.** *BMC psychology*
Booth, C., Songco, A., Parsons, S., Heathcote, L., Vincent, J., Keers, R., Fox, E.
2017; 5 (1): 41
- **Non-steroidal anti-inflammatory drugs (NSAIDs) for cancer-related pain in children and adolescents (Protocol)** *Cochrane Database of Systematic Reviews*
Cooper, T. E., Heathcote, L. C., Anderson, B., Gregoire, M., Eccleston, C.
2017; 2
- **Biased interpretations of ambiguous bodily threat information in adolescents with chronic pain** *Pain*
Heathcote, L. C., Jacobs, K., Eccleston, C., Fox, E., Lau, J. Y.
2017; 158 (3): 471-478
- **Pain and cancer survival: A cognitive-affective model of symptom appraisal and the uncertain threat of disease recurrence** *Pain*
Heathcote, L. C., Eccleston, C.
2017
- **Antiepileptic drugs for chronic non-cancer pain in children and adolescents (Protocol)** *Cochrane Database of Systematic Reviews*
Wiffen, P. J., Cooper, T. E., Heathcote, L. C., Clinch, J., Howards, R., Krane, E., Lord, S., Sethna, N., Schechter, N., Wood, C.
2017; 2
- **Child attention to pain and pain tolerance are dependent upon anxiety and attention control: An eye-tracking study** *European Journal of Pain*
Heathcote, L. C., Lau, J. Y., Mueller, S. C., Fox, E., Bosmans, M., Vervoort, T.
2017; 21 (2): 250-263
- **Pain Neuroscience Education: State of the Art and Application in Pediatrics.** *Children (Basel, Switzerland)*
Robins, H., Perron, V., Heathcote, L. C., Simons, L. E.
2016; 3 (4)
- **Negative Interpretation Bias and the Experience of Pain in Adolescents** *JOURNAL OF PAIN*
Heathcote, L. C., Koopmans, M., Eccleston, C., Fox, E., Jacobs, K., Wilkinson, N., Lau, J. Y.
2016; 17 (9): 972-981
- **Pain neuroscience education: State of the art and application in pediatrics** *Children*
Robins, H., Perron, V., Heathcote, L. C., Simons, L. E.
2016; 3 (43)

- **High trait anxiety during adolescence interferes with discriminatory context learning** *NEUROBIOLOGY OF LEARNING AND MEMORY*
Kadosh, K. C., Haddad, A. D., Heathcote, L. C., Murphy, R. A., Pine, D. S., Lau, J. Y.
2015; 123: 50-57
- **The puzzle of attentional bias to pain: beyond attention** *PAIN*
Crombez, G., Heathcote, L. C., Fox, E.
2015; 156 (9): 1581-1582
- **The relationship between adolescents' pain catastrophizing and attention bias to pain faces is moderated by attention control** *PAIN*
Heathcote, L. C., Vervoort, T., Eccleston, C., Fox, E., Jacobs, K., Van Ryckeghem, D. M., Lau, J. Y.
2015; 156 (7): 1334-1341
- **Systematic Review and Meta-Analysis of Psychological Therapies for Children With Chronic Pain** *JOURNAL OF PEDIATRIC PSYCHOLOGY*
Fisher, E., Heathcote, L., Palermo, T. M., Williams, A. C., Lau, J., Eccleston, C.
2014; 39 (8): 763-782
- **Age-related changes in attentional control across adolescence: how does this impact emotion regulation capacities?** *Frontiers in psychology*
Cohen Kadosh, K., Heathcote, L. C., Lau, J. Y.
2014; 5: 111-?