



# PAIN RELIEF FOUNDATION

RELIEVING CANCER AND OTHER PAIN THROUGH RESEARCH

Clinical Sciences Centre University Hospital Aintree Lower Lane Liverpool L9 7AL  
Tel: 0151 529 5820 · Fax: 0151 529 5821 · E-mail: Lorraine.Roberts@painrelieffoundation.org.uk www.painrelieffoundation.org.uk

## RESEARCH REPORT RE GRANT FUNDED BY PAIN RELIEF FOUNDATION

Complete this form and attach it to the prepared grant report. The report should consist of references to published output and /or images where appropriate, should be listed on a separate paper. List any publication and presentation details on a separate paper. Please submit electronically, in word format, as one document.

Name of Grant Holder	Dr Abbie Jordan
Research base	University of Bath
Project title	A double burden? A multi-method investigation into the experience of paediatric chronic pain and mental health symptoms.
Value of grant	£30,000
Period of grant	02/10/2018 – 01/02/22 (6 month no cost extension from PRF) – see below for new timeframe.  Student has suspended studies this year for 6 months due to ill health so funding stopped during this period. The student is due to submit by Sept 2023 with all extensions (due to Covid) and suspended time included.
Project commenced	02/10/2018
Is this grant part of the funding and linked to another grant?, if yes, provide details	Yes. We received funding from the Sir Halley Stewart Trust too for this grant. The two sets of funding comprise one PhD studentship.
Is any part of the project towards a higher degree, if yes provide details	Yes. The project is funding a PhD in Psychology for Mrs Sharon Bateman.
Is the project proceeding in line with the original timetable? If not, provide details, including any action taken or planned	While the project is broadly proceeding in line with the original timetable, there has been some significant delays to this project due to the pandemic which negatively affected clinical recruitment for the largest empirical study. We have been granted a 6 month no cost extension to mitigate this from both funders. Since October 2021, Mrs Bateman has moved to part time study for health reasons and then subsequently suspended for 6 months due to further ill health (April 2022 – October 2022). This has all been communicated to PRF. The student has now returned to study and is due to submit by Sept 2023.
Is the project proceeding in line with the original costings? If not, provide details, including any action taken or planned	Yes, the project is proceeding in line with the revised costing (due to receipt of funding from Sir Halley Stewart Trust). There are no issues to report here.
Has any dissemination activity taken place? If yes, provide details, e.g. presentations, papers submitted for publication, published papers	Please see the following section which details accepted papers, submitted papers and also a poster presentation.

(provide references where applicable).

We're interested in your opinion of how well your research is progressing, i.e. the extent to which you have fulfilled the objectives you would have expected to at this stage of your grant. Please circle the relevant number below.

0	1	2	3	4	5	6	7	8	9	10
No progress							Excellent progress			



SIGNED ... DATE 14/02/2023.....

(Print name) ... Abbie Jordan.....

**Grant title:** A double burden? A multi-method investigation into the experience of paediatric chronic pain and mental health symptoms.

**Award holders:** Dr Abbie Jordan (University of Bath; PI), Dr Line Caes (University of Stirling), Professor Christopher Eccleston (University of Bath) & Dr Melanie Noel (University of Calgary)

**Grant duration:** 02/10/2018 – 01/02/2022 (including 6 month no cost extension)

**Report:**

This report describes the progress of the above studentship grant over the past twelve-month period (31/03/2022 to 31/03/2023).

**Project aims:**

This PhD studentship aims to provide a detailed account of the challenges that youth who experience chronic pain and mental health symptoms face and how these challenges form barriers to their treatment. The first study will include a review of the current literature to better understand the evidence concerning the relationship between chronic pain in youth and psychopathology. The second study will involve collecting questionnaire and interview data over two-time points from 100 youth aged 11-19 years and their parents/caregivers regarding their pain-related disability, mental health symptoms and social relationships. The final study will use interviews and an online survey to explore how 50 clinicians think about treating youth with chronic pain and mental health symptoms and associated challenges faced in this treatment process.

**Progress so far:**

Specific progress is detailed below with respect to the grant and the student's continuing development as an independent researcher:

1. Study one (scoping review) is under review with Paediatric and Neonatal Health. We hope to hear soon about a decision on this manuscript.
2. Study two (quantitative study) has been written up and submitted to the Journal of Pain.
3. Study three (vignette study) is under review with the supervisory team. This will be submitted for publication in the next six months.
4. A further paper based on the qualitative data from the project has been submitted to European Journal of Pain and is under review.
5. Mrs Bateman presented a poster at the International Symposium for Pediatric Pain in Auckland (March 2022). Due to covid restrictions in New Zealand, this poster was presented remotely.

**Dissemination:****Accepted papers:**

Jones, A., Caes, L., Rugg, T., Noel, M., Bateman, S. and Jordan, A., submitted. Challenging issues of integrity and identity of participants in online qualitative methods. *Methods in Psychology*.

**Submitted papers:**

Bateman, S., Caes, L., Eccleston, C., Noel, N. & Jordan, A. (submitted). Co-occurring chronic pain and primary psychological disorders in adolescents. A scoping review. *Paediatric and Neonatal Pain*.

Bateman, S., Caes, L., Loades, M., Noel, N. & Jordan, A. (submitted). The impact of co-occurring chronic pain and mental health symptoms on adolescent functioning, a cross sectional survey. *Journal of Pain*.

Corser, J., Caes, L., Bateman, S., Noel, M. & Jordan A. (submitted). "A whirlwind of everything": The lived experience of adolescent girls with co-occurring chronic pain and mental health symptoms. *European Journal of Pain*.

**Presented poster abstracts:**

Bateman, S., Caes, L., Eccleston, C., Noel, N., Loades, M. & Jordan, A. (submitted). Co-occurring chronic pain and mental health symptoms in adolescence: A double burden? *International Symposium for Pediatric Pain*. Auckland, March 2022 (remote).