

**Grant title:** Keeping on track: Exploring socio-developmental challenges faced by young people with ongoing pain and their families

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

**Grant duration:** 01/10/2017 – 30/09/2020

**Report:**

This report describes the progress of the above studentship grant over a twelve-month period (01/04/2019 to 31/03/2020).

**Project aims:**

We know that young people who experience ongoing pain report difficulties with engaging in everyday teenage activities, such as visiting friends and becoming more independent from parents. We also know that young people report a sense of being developmentally 'behind' their friends, yet we know nothing about what this sense of being 'behind' looks like. This PhD studentship will involve conducting a series of studies to provide a detailed account of the challenges young people and their families face when young people with pain engage in everyday teenage activities. Specifically, the studies will provide a comprehensive review of existing evidence; momentary recordings over one year on young people's thoughts and experiences of engaging with social activities despite having pain; interviews with family members to gain a familial perspective and will also include obtaining the perspective of both young people with and without pain on having to cancel or alter plans with friends due to pain.

**Progress so far:**

The grant is on track and has met projected timelines for the previous twelve-month period. Specific progress is detailed below:

1. Study one (scoping review of socio-developmental functioning in the context of adolescent chronic pain) has been completed. This study is complete and this paper has been submitted to the Journal of Pediatric Psychology for review. The paper includes international representation from Dr Meghan McMurtry at Guelph University, Canada.
2. All recruitment for the PhD studies described in the original grant proposal is complete.
3. All baseline and follow-up data for study two (longitudinal study) has been collected. Miss Jones is now beginning to analyse the qualitative interview data from both timepoints.
4. Study three (story completion project) is also complete. This project has been recently written up and submitted to PAIN. The manuscript is currently under review with PAIN. This paper includes international collaboration from Dr Melanie Noel at the University of Calgary, Canada.
5. Miss Jones is conducting a fourth study (not included in the grant) using clinical data from the Bath Centre for Pain Services. This will add a quantitative focus to her PhD, providing her with additional methodological skills and expertise. The study will focus on the role of socio-developmental factors and functional outcomes for adolescents who experience chronic pain. This project is being conducted in conjunction with Dr Jeremy Gauntlett-

Gilbert from the Bath Centre for Pain Services, providing evidence of collaborative working between clinicians and researchers.

6. Miss Jones attended the International Symposium for Pediatric Pain (ISPP) in Basel 2020, where she presented her work as a poster presentation. This bi-annual conference attracts a wide international audience and is the largest paediatric pain specific conference in the field. This was an important opportunity for Miss Jones to meet key international leaders in the field of paediatric pain, to gain feedback on her work and learn about the most recent topical and methodological developments in the field of paediatric pain.
7. Miss Jones also attended a third international Pain in Child Health (PICH) trainee meeting. This occurred in Montreal (November, 2019) where she presented her work as a poster. The PICH events are important trainee and mentorship meetings that facilitate networking with paediatric pain clinicians and trainees in the area. Miss Jones continues to be a member of PICH and engage in monthly webinars with fellow paediatric pain trainees and faculty members.

## **Dissemination:**

### **Oral presentations**

Jones, A. (2020). Imagined futures: Using story completion to explore the future narratives of adolescents with chronic pain. Qualitative Research Symposium. University of Bath. January 2020.

Jones, A. (2020). 'Let it go': Methodological and practical challenges associated with working with longitudinal and interview data. Qualitative Research Symposium. University of Bath. January 2020.

Jones, A. (2019). Socio-developmental challenges faced by adolescents who experience chronic pain. Pain in Child Health (PICH) Webinar. December 2019.

### **Poster presentations**

Jones, A. (2019). How adolescents with Complex Regional Pain Syndrome (CRPS) think about their future. PICH 2 Go. Shriners Hospital Montreal. December 2019.

Jones, A. (2019). How adolescents with Complex Regional Pain Syndrome (CRPS) think about their future. International Symposium of Pediatric Pain. Basel, Switzerland. June 2019.

Jones, A. (2019). My future: Using story completion methods to examine how adolescents with Complex Regional Pain Syndrome (CRPS) think about their future. Annual General Meeting. British Pain Society. London. May 2019.

### **Papers**

Jones, A., Caes, L., Eccleston, C., Noel, M. Rugg, T. & Jordan, A. (submitted). Loss-adjusting: Young people's constructions of a future living with Complex Regional Pain Syndrome. PAIN.

Jones, Caes, L., McMurtry, C.M., Eccleston, E. & Jordan, A. (submitted). Socio-developmental challenges faced by young people with chronic pain: A scoping review. Journal of Pediatric Pain.