

Jennifer Stinson-Round 12

Development and Testing of a Multidimensional Electronic Pain Diary for Youths with Cancer

Funded in partnership with the Kids with Cancer Society, the Childhood Cancer Canada Foundation, and the Coast-to-Coast Against Cancer Foundation

Publications:

1. Stinson, J, Jibb, L, Nguyen, C, Nathan, P, Maloney, AM, Dupuis, L, Gerstle T, Alman, B, Hopyan, S, Strahlendorf, C, Portwine, C, Johnston, D. Development and Testing of a Multidimensional iPhone Pain Assessment Application for Adolescents with Cancer. *Journal of Medical Internet Research*, 15(3):e51.

Invited Presentations:

1. Jamison R, Reid C, Stinson J. (2014). There Is An App for That: Using Mobile Technology to Improve Chronic Pain. Stinson J. Pain Squad App. 36th Annual Scientific Meeting of the Canadian Pain Society. May 20R23, 2015. Charlottetown, PEI. [Workshop]
2. Stinson. J. (2014). Pain: There's an App for that. Conquering Hurt: Practical Approaches to Pediatric Pain Management. November 6, 2014. Toronto, Ontario.
3. Jamison R, Reid C, Stinson J. (2014). There Is An App for That: Using Mobile Technology to Improve Chronic Pain. Stinson J. Pain Squad App. 33rd Annual Scientific Meeting of the American Pain Society. May 6, 2014. Tampa, Florida. [Workshop]
4. Stinson J. (2014). Pain: There's and App for that. Annual Paediatric Pain Symposia at the Children's Hospital at Westmead. March 6, 2014. Sydney, Australia. [Keynote].
5. Cafazzo J, Stinson J, Woodgate R, Nguyen, C. (2013). IT Innovations and Future of Pediatric Oncology. Stinson J. Pain Squad App. POGO Symposium. November 22R23, 2013. Toronto, ON. [Workshop]
6. Connelly M, Hugué A, Stinson, J. (2013). Pain: There is an app for that. Stinson J. Pain Squad: A mobile app to assess and manage pain in adolescents with cancer. *International Symposium on Pediatric Pain (ISPP)*. June 20, 2013. Stockholm, Sweden. [workshop].
7. Stinson J. (2013). Pain Squad: Patient Driven Medical Apps. *Doctors 2.0 & You Conference*, June 6-7, 2013. Paris, France [keynote].
8. Stinson J, Gauthier L, Gagliese L. (2013). Assessment of cancer pain across the lifespan: Evidence, Challenges and Future Directions.
9. Stinson, J. Pain assessment in children and youth with cancer: Challenges and novel approaches. *Canadian Pain Society*, May 10, 2013. Winnipeg, Canada. [workshop].

10. Stinson, J. (2013). Pain Apps: Promoting Patient Chronic Pain Self-Management Pain Management Conference – Toronto Rehab. *Looking to the Future: Preparing Patients for Reintegration*. March 4, 2013, Toronto, ON. [plenary].
11. Stinson, J. Double click on pain relief: Theoretical and empirical foundations of mobile health innovations. *Canadian Association of Paediatric Health Centres (CAPHC) Annual Conference*; October 30, 2012; Vancouver, British Columbia.
12. Daya, T, Jibb, L, Stinson, J, Nathan, P, Maloney, AM, Dupuis, L, Gerstle, T, Alman, B, Hopyan, S, Strahlendorf, C, Portwine, C, Johnston, D. (2012). Feasibility testing of a multidimensional electronic pain diary application for adolescents with cancer. *Canadian Association of Paediatric Health Centres (CAPHC) Annual Conference*; October 30, 2012; Vancouver, British Columbia. [oral presentation]
13. Stinson, J. (2012). Pain Squad: Mobile-health app for assessment of pain in youth with cancer. *18th Regional Anesthesia & Pain Medicine 2012 Hands-on Workshop*, University of Toronto/McMaster University, October 26, 2012. Niagara-on-the-Lake, Niagara Falls, Ontario. [plenary].
14. Stinson, J. (2012). Use of information and communication technologies to promote pain self-management. Early Career Award. *Canadian Pain Society 2012 Annual Scientific Meeting*, May 26, 2012, Whistler, BC. [keynote].
15. Stinson, J. (2012). Early Career Award Lecture: Information and Communication Technologies to Promote Pain Management. *Canadian Pain Society Meeting*, May 25, 2012, Whistler, BC. [keynote].
16. Stinson, J, Jacob, E. Enhancing research or clinical skills pertinent to the management of pain
17. Stinson, J. (2012). Wireless Pain Management Programs for Young People with Recurrent and Chronic Pain. *31st Annual Scientific Meeting, American Pain Society*, May 15, 2012, Honolulu, Hawaii. [workshop].
18. Stinson, J. (2012). Emerging new technology – News from the lab: Pain Squad. *Apps for Health 2012*, May 10, 2012, Mohawk College, Hamilton, ON.

Poster Presentations:

19. Jibb, L, Nguyen, C, Nathan, P, Maloney, A, Dupuis, L, Gerstle, T, Hopyan, S, Alman, B, Strahlendorf, C, Portwine, C, Johnston, D, Stinson, J. Pain Experience of Adolescents with Cancer: Report From a Longitudinal Electronic Momentary Assessment. 10th International Symposium on Pediatric Pain. May 31/June 4, 2015. Seattle, WA.
20. Jibb LA, Stinson J, Nguyen C, Nathan PC, Maloney AM, Dupuis L, Gerstle T, Hopyan

21. S, Alman B, Strahlendorf C, Portwine C, Johnston D. (2014). Pain experience of adolescents with cancer: report from a longitudinal electronic momentary assessment study. POGO Multidisciplinary Symposium on Childhood Cancer – Lymphoma in Children and Adolescents; November 14-15, 2014; Toronto, Canada
22. Jibb LA, Stinson J, Nguyen C, Nathan PC, Maloney AM, Dupuis L, Gerstle T, Hopyan S, Alman B, Strahlendorf C, Portwine C, Johnston D. (2014). Pain experience of adolescents with cancer: report from a longitudinal electronic momentary assessment study. 46th Congress of the International Society of Paediatric Oncology; October 22-25, 2014; Toronto, Canada
23. Jibb, L, Stinson, J, Nguyen, C, Maloney, A, Dupuis, L, Gerstle, T, Hopyan, S, Alman, B, Strahlendorf, C, Portwine, C, Johnston, D. (2014). Pain Experience of Adolescents with Cancer: Report from a Longitudinal Electronic Momentary Assessment. International Association for the Study of Pain World Congress on Pain; October 8, 2014; Buenos Aires, Argentina.
24. Napoleone, M, Stinson, J, Nathan, P, Maloney, AM, Dupuis, L, Gerstle, T, Alman, B, Hopyan, S, Strahlendorf, C, Portwine, C, Johnston, D, Jibb, L, Nguyen, C. (2014). Pain Experience of Youths with Cancer: A Longitudinal Electronic Momentary Assessment (EMA) Study. SickKids Summer Research (SSuRe) Symposium; August 7, 2014; Toronto, Ontario
25. Jibb, L, Stinson, J, Nguyen, C, Nathan, PC, Maloney, AM, Dupuis, L, Gerstle, T, Alman, B, Hopyan, S, Strahlendorf, C, Portwine, C, Johnston, D, Orr, M. Feasibility Testing of a Multidimensional Electronic Pain Diary Application for Adolescents with Cancer. 2012 Annual POGO Symposium – Lost in Transition Adolescent and Young Adult Survivors of Childhood Cancer; November 17, 2012; Toronto, ON.
26. Daya, T, Jibb, L, Stinson, J, Nathan, P, Maloney, AM, Dupuis, L, Gerstle, T, Alman, B, Hopyan, S, Strahlendorf, C, Portwine, C, Johnston, D. (2012). Feasibility testing of a multidimensional electronic pain diary application for adolescents with cancer. *Canadian Association of Paediatric Health Centres (CAPHC) Annual Conference*; October 28-31, 2012; Vancouver, British Columbia. Oral Poster presentation.
27. Jibb, L, Stinson, J, Nathan, P, Maloney, AM, Dupuis, L, Gerstle, T, Alman, B, Hopyan, S, Strahlendorf, C, Portwine, C, Johnston, D. (2012). Feasibility testing of a multidimensional electronic pain diary application for adolescents with cancer. *Canadian Association of Paediatric Health Centres (CAPHC) Annual Conference*; October 28-31, 2012; Vancouver, British Columbia.
28. Daya, T, Jibb, L, Stinson, J, Nathan, P, Maloney, AM, Dupuis, L, Gerstle, T, Alman, B, Hopyan, S, Strahlendorf, C, Portwine, C, Johnston, D. (2012). Feasibility testing of a multidimensional electronic pain diary application for adolescents with cancer. *SickKids Summer Research Program (The SSuRe Program) Symposium*; August 4, 2012; Toronto, Ontario.

Awards for App:

- IHDCYH Talks Video Competition – 2nd place 2015, Canadian Institutes of Health Research Institute—Institute of Human Development, Child and Youth Health
- Canadian Marketing Awards – Best of the Best 2012

- Canadian Marketing Awards – Customer Management – Gold - 2012
- Canadian Marketing Awards – Digital – Silver - 2012
- Canadian Marketing Awards – Experiential and Innovative Media – Gold – 2012
- Strategy - Campaign of the Year Award 2012
- FastCo – Our Innovation by Design Award: Interactive Design Winner 2012
- Gold CLIO (US) - Interactive I Mobile App - 2012
- Gold Lion (Cannes) - Mobile - Best User Experience - 2012
- Gold Lion (Cannes) - Mobile - Charities, Not for Profit and Public Information - 2012
- Gold - Marketing Awards (Canada) - Digital Apps/Mobile - 2012
- Best in Show - Marketing Awards (Canada) – 2012
- FWA Mobile of the Day (June 16, 2012)

Media related to App—Television

Date	Feature
January 2015	TVO – Pain Squad App: The Agenda with Steve Paikin: Gaming Cancer
May 2012	CBC Toronto – Pain Squad App
May 2012	Global National – Pain Squad App
May 2012	CTV News – Pain Squad App
July 2012	CityTV – Cancer patients testing Pain Squad app at Toronto's SickKids hospital

Media related to App—Radio

Date	Feature
May 2012	Radio National (Australia) – Apps To Ease Cancer, Digital Radio

Media related to App—Newspaper/Newsletters

Date	Feature
May 2012	The Toronto Star – SickKids' iPhone app, Pain Squad, helps children with cancer report their pain
May 2012	Hamilton Spectator – SickKids' iPhone app, Pain Squad, helps children with cancer report their pain
May 2012	Moneyville – SickKids' iPhone app, Pain Squad, helps children with cancer report their pain
May 2012	Marketing Magazine – Cundari games the pain for SickKids
May 2012	The Globe and Mail – No pain, big gain
May 2012	The Ottawa Citizen – Postmedia News R The doc's on the phone
May 2012	Vancouver Sun – Postmedia News R The doc's on the phone

February 2014	Moderna Lakare (Modern Doctors) Swedish Magazine – Pain Squad App best in the world
January 2014	Marketing Magazine Advertising, Media and PR in Canada. Pain Squad wins globe “Best of the Best”
May 2012	The Star Phoenix – Postmedia News R The doc's on the phone
May 2012	Dawson Creek Daily News – Postmedia News R The doc's on the phone
May 2012	New Brunswick Telegraph Journal – Postmedia News R The doc's on the phone
May 2012	Windsor Star – SickKids: Using Mobile Technology to Monitor and Treat the Youngest Among Us
July 2012	HealthTech Zone – SickKids: Using Mobile Technology to Monitor and Treat the Youngest Among Us

Media related to App—Websites/Online

Date	Feature
December 2014	Cancer Knowledge Network – Pain Squad App
November 2014	SickKids presents: The Pain Squad App (via YouTube.com)
February 2014	Medgadget.com (blog for healthcare technology) – Pain Squad
January 2014	Humber News (School of Media Studies and Information Technology Humber Institute of Technology and Advanced Learning) – Sick Kids Scientist wins Award for App Managing Cancer Pain
May 2012	Mashable – How One App Eases Cancer Treatment for Children
May 2012	Creativity Online – Hospital for Sick Children Pain Squad Interactivevideo Creativity
May 2012	The Inspiration Room – Sick Kids Pain Squad App
May 2012	Co Create – Pain Squad app helps sick kids track pain as a game