

CURRICULUM VITAE

Jill Chorney (nee MacLaren)

BUSINESS ADDRESS Centre for Pediatric Pain Research
IWK Health Centre, 8th floor (south)
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EDUCATION

Fellowship Department of Anesthesiology, Division of Pediatric
Anesthesiology, Yale University School of Medicine, New Haven,
Connecticut (2006-2008)

Residency A.P.A. Approved pre-doctoral internship in Clinical Child/Pediatric
Psychology, Brown University Clinical Psychology Training
Consortium, Providence, Rhode Island (2005-2006)

Graduate Ph.D. in Clinical Child Psychology, West Virginia University,
Morgantown, West Virginia (2006)

 M.A. in Psychology, West Virginia University, Morgantown,
West Virginia (2003)

Undergraduate Hons B.Sc. with First Class Honours in Psychology, Dalhousie
University, Halifax, Nova Scotia, Canada (2001)

POSITIONS

2010-present Assistant Professor, Department of Psychology, Dalhousie University

2010-present Resident Research Director, Department of Anesthesiology, Dalhousie
University

2009-present Assistant Professor, Department of Anesthesiology, Dalhousie University

2009-present Psychologist, Pediatric Complex Chronic Pain Service, IWK Health Centre

2008-2009 Associate Research Scientist, Department of Anesthesiology, University of California, Irvine

REGISTRATION AND CREDENTIALS

2009-present Registered Psychologist, Province of Nova Scotia, R0629

2009-present Member, Medical, Dental and Scientific Staff, IWK Health Centre

2007-2009 Licensed Psychologist, State of Connecticut, 002581

HONOURS AND AWARDS

2011 New Investigator Award, Canadian Institutes of Health Research, \$300,000 (5 years)

2010 *Routh Early Career Award*, Society of Pediatric Psychology

2009 *IWK Research Investigatorship Award*, IWK Health Centre, \$120,000 (4 years)

2006 *Postdoctoral Fellowship Award*, Canadian Institutes of Health Research (Awarded, declined)

2006 *John T. Goodman Award* for outstanding student contribution to research on pain in children, International Forum on Pediatric Pain, \$1000

2006 *Student Research Award*, American Psychological Society, Division 54, Society for Pediatric Psychology, \$1000

2005 *Dissertation Research Award*, American Psychological Association, \$1000

2005 *Student Research Award*, Behavioral Medicine Special Interest Group, Association for Behavior and Cognitive Therapy, \$250

2005 *Young Investigator Travel Award*, Joint Scientific Meeting of the American Pain Society and the Canadian Pain Society

2004 *Mayday Fund Fellowship* for membership in Pain in Child Health Training Consortium

2004 *Kay Thompson Memorial Scholarship* for training in hypnosis

2003 *Doctoral Student Travel Award*, West Virginia University

2003 *Student Research Award*, Behavioral Medicine Special Interest Group, Association for Advancement of Behavior Therapy, \$250

2002 *Eberly College of Arts and Sciences Travel Award*, West Virginia University

2002 *Routh Student Research Grant*, American Psychological Association, Division 54, Society of Pediatric Psychology, \$500

2001 *HERF Supplementary Fellowship*, West Virginia University

FUNDED RESEARCH GRANTS (*Active Grants)

- 2011-2016 *Kain, Z.N., **Chorney, J.**, Blount, R.L. *Improving pain and anxiety in children undergoing surgery*. National Institutes of Health: National Institute of Child Health and Development. R01HD048935, \$ 2,730,034 (5 years).
- 2010-2014 ***Chorney, J.**, Finley, G.A., McGrath, P.J., Howard, J., El-Hawary, R., Ouellet, J., Gomez, T. Andreou, P. *Pain at home in children following major surgery: Physical, psychological and economic consequences*. Canadian Institutes of Health Research, Operating Grant, \$724,990 (5 years).
- 2010-2012 ***Chorney, J.** *Improving Perioperative Outcomes through Preparation: The Role of Healthcare Provider-Family Interactions*. IWK Health Centre, Recruitment and Establishment Grant \$90,000 (2 years).
- 2010 ***Chorney, J.**, Lakenman, M., McGrath, P.J., Corsten, G., Gillespie, E., Laroque, L. *A Scoping Review of Literature on Preparation Programs for Children Undergoing Surgery and their Families*. Canadian Institutes of Health Research, Knowledge Synthesis Grant, \$50,000 (1 year).
- 2010 McGrath, P.J., Chambers, C.T., Huguet, A., Stinson, J., **Chorney, J.**, et al. Identification of physical and psychosocial predictors of chronic pain in children and adolescents: A first step towards prevention. Canadian Institutes of Health Research, Knowledge Synthesis Grant, \$99,998 (1 year).
- 2009-2010 Kain, Z.N., **Chorney, J.**, McLaren, C. *A tailored Internet-based intervention for pediatric perioperative pain and anxiety*. NIH/National Institutes of Child Health and Development R01. This project involves the development and pilot testing of a tailored internet based intervention for parents and children undergoing outpatient surgery \$362,000, 2 years
- 2009 Kain, Z.N., **MacLaren, J.** *An innovative assessment of adult influences on children's postoperative pain*. NIH/National Institute of Child Health and Development (R21HD057011-01) Note: This grant was originally awarded to Dr. Chorney (see below), but PI-ship was transferred to Dr. Kain in 2009 when Dr. Chorney moved from University of California to Dalhousie. \$100,000 (1 year).
- 2008 **MacLaren, J.** Kain, Z.N. *An innovative assessment of adult influences on children's postoperative pain*. NIH/National Institute of Child Health and Development (R21HD057011-01) This study uses behavioral observation and sequential analytic techniques to evaluate the influences of parent and healthcare provider behavior on children's pain in the post anesthesia care unit and at home. \$125,000 (1 year).

RESEARCH GRANTS UNDER REVIEW

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| 2011-2012 | Chorney, J., Mifflin, K., Dick, B., Finley, G. A. IWK Category A Grant. Attention and Working Memory in Adolescents with and without Chronic Pain. \$5000 |
| 2011 | Chorney, J., Chambers, C.T., Finley, G.A., Latimer, M., McGrath, P.J. IWK Bringing People Together Grant. Support for the International Forum on Pediatric Pain. \$3000 |
| 2011 | Chorney, J., Chambers, C.T., Finley, G.A., Latimer, M., McGrath, P.J. Canadian Pain Society Conference/Workshop Grant. Support for the International Forum on Pediatric Pain. \$5000 |

PROFESSIONAL AFFILIATIONS

Society of Pediatric Psychology
 Canadian Pain Society
 Association of Psychologists of Nova Scotia

ADMINISTRATIVE ACTIVITIES and COMMITTEE MEMBERSHIP

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|--------------|--|
| 2010-present | Resident Training Committee, Department of Anesthesia, Dalhousie University |
| 2010-present | Conference Organizing Committee, International Forum on Pediatric Pain |
| 2010 | Conference Organizing Committee, Atlantic Provinces Interdisciplinary Research Conference, IWK Health Centre |
| 2008 | Workshop Organizational Committee, Pain in Child Health Strategic Training Consortium |
| 2003-2005 | Graduate Student Advisory Board, Society of Pediatric Psychology |
| 2003-2004 | Faculty Evaluation Committee, West Virginia University |
| 2002-2003 | Clinical Child Training Committee, West Virginia University |

EDITORIAL ACTIVITIES

Reviewer Panel
Journal of Pediatric Psychology (22)

Guest reviewer
Academic Pediatrics (1)
British Journal of Health Psychology (3)
Children's Health Care (3)

Clinical Journal of Pain (2)
Health Psychology (3)
Journal of Psychosomatic Research (1)
Pain (2)
Pain Medicine (1)
Pain Research and Management (2)
The Journal of Pain (2)

Protocol reviewer

The *Cochrane Collaboration: Pain, Palliative and Supportive Care Review Group* (1)

Grant reviewer

Canadian Institutes of Health Research: Planning Grants Committee
National Grants Program-Sick Kids Foundation
Physician Services Incorporated Foundation
Saskatchewan Health Research Foundation

PEER-REVIEWED PUBLICATIONS (Underline Student Co-author)

1. Martin, S.R., **Chorney, J.**, Tan, E.T., Fortier, M.A., Blount, R.L., Wald, S.H., Shapiro, N.L., Strom, S., Patel, S., Kain, Z. N. (2011). Changing Healthcare Providers' Behavior during Pediatric Inductions with an Empirically Based Intervention. *Anesthesiology*, 115, 18-27.
2. **Chorney, J.**, Garcia, A., Berlin, K., Bakeman, R., Kain, Z.N. (2010). An introduction to time-window sequential analysis for pediatric psychologists. *Journal of Pediatric Psychology*, 35, 1061-1075.
3. Fortier, M.A., Weinberg, M., Vitalano, L.M., **Chorney, J.**, Martin, S., Kain, Z.N. (2010). Effects of therapeutic suggestion in children undergoing general anesthesia: a randomized controlled trial. *Pediatric Anesthesia*, 20, 90-99.
4. Rony, R.Y.Z., Fortier, M.A., **Chorney, J.**, Perret, D., Kain, Z.N. (2010). Parental postoperative pain management: attitudes, assessment, and management. *Pediatrics*, 125, e1372-1378.
5. **Chorney, J.**, Kain, Z.N. (2010). Family-centered pediatric perioperative care. *Anesthesiology* 2010; 112, 751-755
6. **Chorney, J.**, Hammell, C., Blount, R., McLaren, C.E., Chen, W., Kain, Z.N. (2009). Healthcare provider and parent behavior and children's distress and coping at anesthesia induction. *Anesthesiology*, 111, 1290-1296.

7. **Chorney, J.**, Kain, Z.N. (2009). Behavioral Analysis of children's response to induction of anesthesia. *Anesthesia and Analgesia*, 109, 1434-1440.
8. Fortier, M. A., **Chorney, J.**, Rony, R.Y.Z., Karimi-Perret, D., Rhinehart, J. B., Camilon, F. S., Kain, Z.N. (2009). Children's desire for perioperative information. *Anesthesia & Analgesia*, 109, 1085-90.
9. Fortier, M. A., **MacLaren, J.**, Martin, S. R., & Kain, Z. N. (2009). Pediatric pain following ambulatory surgery: Where's the medication? *Pediatrics*, 124, e588-95
10. Kain, Z.N., **MacLaren, J.**, Herrmann, L., Mayes, L., Morrison, D., Hoda, J., Lerman, J. (2009). Preoperative melatonin and its effects on induction and emergence in children undergoing anesthesia and surgery. *Anesthesiology*, 111, 44-49.
11. Thomson, C., **MacLaren, J.**, Kain, Z.N. (2009). Brief Report: Prediction of Children's Preoperative Anxiety by Mothers and Fathers. *Journal of Pediatric Psychology*, 34, 716-721.
12. Cohen, L. L., **MacLaren, J.**, DeMore, M., Fortson, B., Friedman, A., Lim, C. L., & Gangaram, B. (2009). A randomized clinical trial of vapocoolant for pediatric immunization distress relief. *Clinical Journal of Pain*, 25, 490-494.
13. **MacLaren, J.**, Thomson, C., Weinberg, M., Fortier, M.A., Morrison, D., Perret, D., Kain, Z.N. (2009). Prediction of preoperative anxiety in children: Who is most accurate? *Anesthesia and Analgesia*, 108, 1777-82.
14. Kain, Z.N., **MacLaren, J.**, Hammell, C., Novoa, C., Fortier, M.A., Huszti, H., Mayes, L. (2009). Healthcare provider-child-parent communication in the preoperative surgical setting. *Pediatric Anesthesia*, 19, 386-394.
15. Kain, Z.N., **MacLaren, J.**, Weinberg, M., Huszti, H., Anderson, C., Mayes, L. (2009). How many parents should we let into the operating room? *Pediatric Anesthesia*, 19, 244-249.
16. **MacLaren, J.**, Cohen, L.L., Larkin, K.T., & Shelton, E. (2008). Training nursing students in evidence-based behavioral pediatric pain management techniques. *Journal of Nursing Education*, 47, 351-358.
17. **MacLaren, J.**, & Kain, Z.N. (2008). Development of a Brief Behavioral Intervention for Children's Anxiety at Anesthesia Induction. *Children's Health Care*, 37, 196-209.
18. **MacLaren, J.**, & Kain, Z.N. (2008). Prevalence and Predictors of Significant Sleep Disturbances in Children Undergoing Ambulatory Tonsillectomy and Adenoidectomy. *Journal of Pediatric Psychology*, 33, 248-257.

19. **MacLaren, J.**, & Kain, Z.N. (2008). A Comparison of Preoperative Anxiety in Mothers of Children Undergoing Surgery and Female Patients. *Anesthesia and Analgesia*, 106, 810-813.
20. Yaffa Zisk, R., Grey, M., Medoff-Cooper, B. **MacLaren, J.**, Kain, Z.N. (2008). The squeaky wheel gets the grease: Parental pain management of children treated for bone fractures. *Pediatric Emergency Care*, 24, 89-96.
21. Cohen, L.L., & **MacLaren, J.** (2007). Breaking Down the Barriers to Pediatric Procedural Preparation. *Clinical Psychology: Science and Practice*, 14, 144-148.
22. Kain, Z.N., Caldwell-Andrews, A., Mayes, L., Weinburg, M.E., Wang, S.M., **MacLaren, J.**, Blount, R.L. (2007). Family-Centered Preparation for Surgery Improves Perioperative Outcomes in Children: A Randomized Controlled Trial. *Anesthesiology*, 106, 65-74.
23. Kain, Z.N., **MacLaren, J.**, McClain, B.C., Saadat, H., Wang, SM, Mayes, L.C., & Anderson, G.M. (2007). Effects of age and emotionality on the effectiveness of midazolam administered preoperatively to children. *Anesthesiology*, 107, 4, 545-552.
24. **MacLaren, J.**, Cohen, L.L., & Cohen, S. (2007) Children's behavior during immunization injections: A principle components analysis. *Children's Health Care*, 36, 237-248.
25. **MacLaren, J.** & Cohen, L.L. (2007). Interventions for pediatric procedure-related pain in primary care. *Paediatrics and Child Health*, 12, 111-116.
26. Yaffa Zisk, R., Grey, M., **MacLaren, J.**, Kain, Z.N. (2007). Exploring Socio-Demographic and Personality Characteristic Predictors of Parental Pain Perceptions. *Anesthesia and Analgesia*, 104, 790-798.
27. **MacLaren, J.**, Gross, R.T., Sperry, J.A., & Boggess, J. (2006). Opioid use and outcomes of functional restoration. *Clinical Journal of Pain*, 22, 392-398.
28. Cohen, L.L., **MacLaren, J.**, Fortson, B., Friedman, A., DeMore, M.A, Lim, C. et al. (2006). Randomized clinical trial of distraction for infant immunization pain. *Pain*, 125, 165-171.
29. Cohen, L. L., Fancher, A., **MacLaren, J.**, & Lim, C. S. (2006). Correlates of pediatric behavior and distress during intramuscular injections for invasive dental procedures. *Journal of Clinical Pediatric Dentistry*, 31, 44-47.
30. Cohen, L.L., Bernard, R.S., McClellan, C.B., Piazza-Waggoner, C., Taylor, B.K., & **MacLaren, J.** (2006). Topical anesthesia versus distraction for infants' immunization distress: Evaluation with 6-Month follow-up. *Children's Health Care*, 35, 103-121.

31. Cohen, L.L., Bernard, R.S., McClellan, C.B., & **MacLaren, J.** (2005). Assessing medical room behavior during infants' painful medical procedures: The Measure of Adult and Infant Soothing and Distress (MAISD). *Children's Health Care*, 34, 81-94.
32. **MacLaren, J.**, & Cohen, L.L. (2005). Teaching behavioral pain management to healthcare professionals: A systematic review of research in training programs. *Journal of Pain*, 6, 481-492.
33. **MacLaren, J.**, & Cohen, L.L. (2005). A comparison of distraction strategies for venipuncture distress in children. *Journal of Pediatric Psychology*, 30, 387-396.
34. Bernard, R.S., Cohen, L.L., McClellan, C.B., & **MacLaren, J.** (2004). Pediatric procedural approach-avoidance coping and distress: A multitrait-multimethod assessment. *Journal of Pediatric Psychology*, 29, 131-141.
35. Breau, L.M., **MacLaren, J.**, McGrath, P.J., Camfield, C., & Finley, G.A. (2003). Caregivers' beliefs regarding pain in children with cognitive impairment: The relation between pain sensation and reaction increases with severity of impairment. *Clinical Journal of Pain*, 19, 335-344

PEER REVIEWED MANUSCRIPTS IN PRESS (underline student coauthor)

1. Martin, S., Fortier, M.A., Chorney, J., Mayes, L., Kain, Z.N. Preoperative Anxiety in Adolescents undergoing Surgery: A Pilot Study. *Pediatric Anesthesia*.
2. Martin, S., **Chorney, J.**, Tan, E., Blount, R., Kain, Z.N. Changing Healthcare Provider Behavior during Pediatric Inductions with an Empirically-Based Intervention. *Anesthesiology*.

PEER REVIEWED MANUSCRIPTS SUBMITTED (underline student coauthor)

1. **Chorney, J.**, Tan, E., Martin, S., Fortier, M., Kain, Z.N. Children's Behavior in the Post-Anesthesia Care Unit: The Development of the Child Behavior Coding System-PACU (CBCS-P). *Journal of Pediatric Psychology*.
2. Mifflin, K., Hackmann, T., **Chorney, J.** Distraction at Inhalation Induction: Using Streamed Video Clips to Reduce Anxiety in Children. *Anesthesia and Analgesia*.
3. Petter, M., Chambers, C.T., **Chorney, J.** Distraction versus Mindfulness for experimental pain in children. *Health Psychology*.

CHAPTERS

1. **Chorney, J., Crofton, K., McLain, B.** (2011). Theories on Common Adolescent Pain Syndromes. In B.C. McLain and S. Suresh (Eds.). *Handbook of Pediatric Chronic Pain*. (pp.27-44). New York, NY: Springer.
2. Kain, Z.N., **MacLaren, J.**, & Mayes, L. (2009). Perioperative Behavior Stress in Children. In C.J. Cote, J. Lerman, I.D. Todres (Eds.). *A Practice of Anesthesia for Infants and Children* (4th ed.). (pp.25-36). Philadelphia, PA: Elsevier.
3. Blount, R. L., McCormick, M. L., **MacLaren, J.**, & Kain, Z. (2008). Preparing children for invasive procedures and surgery. In G. A. Walco & K. R. Goldschneider (Eds.). *Pain in children: A practical guide for primary care*. (pp. 93-99). Totowa, NJ: Humana Press.
4. Cohen, L. L., **MacLaren, J.**, & Lim, C. S. (2008). Pain and pain management. In R. G. Steele, T. D. Elkin, & M. C. Roberts (Eds.). *Handbook of evidence based therapies for children and adolescents*. (pp. 281-295). New York: Springer Publishers.

EDITORIALS AND OTHER PUBLICATIONS

1. **Chorney J**, McGrath P, Finley GA. (2010). Pain as the neglected adverse event. *Canadian Medical Association Journal*, 187:732.
2. **MacLaren, J.**, Kain, Z.N. (2008). Research to Practice in Pediatric Pain: What are we missing? *Pediatrics*, 122:443-4
3. **MacLaren, J.**, Kain, Z.N. (2007). Biopsychosocial Perioperative Research: The future is here. *Clinical Anesthesia* 19, 410-412.
4. **MacLaren, J.**, & Kain, Z.N. (2007). Editorial: Pediatric preoperative preparation: A call for evidence-based practice. *Pediatric Anesthesiology*, 17, 1019-1020.
5. Cohen, L.L., Stack, C., & **MacLaren, J.** (2005). Pain management in the 21st century: Psychology's contribution. *Psycritiques: Online database*.
6. **MacLaren, J.**, Schwartz, L., & Simons, L. (2004). On the student front: Multidisciplinary teams. *Progress Notes, Newsletter of the Society of Pediatric Psychology*, 28, 2-4.

SYMPOSIA AND INVITED PRESENTATIONS

1. **Chorney, J.** (March, 2011). Motivational Enhancement and Chronic Pain. Pain Rounds, Capitol District Health Authority, Halifax, NS.

2. **Chorney, J.** (June, 2010). Perioperative Care Research: Past (and future?) directions. Operating Staff Rounds, IWK Health Centre.
3. **Chorney, J.** (May, 2010). Caring for Children around the time of Surgery: Preoperative Distress and Postoperative Pain. IWK Excellence in Research Symposium.
4. **Chorney, J.M.**, Martin, S., Hammell, C., Kain, Z.N. (March, 2010). In L. Cohen (Chair), Parent-Child Interactions during Pediatric Pain: Patterns across Populations and Procedures. Workshop to be presented at the International Symposium on Pediatric Pain, Acapulco, Mexico.
5. **Chorney, J.** (February, 2010). Pediatric Medical Stress and Coping: A Perioperative Model. Lecture for Cross Appointment, Department of Psychology, Dalhousie University
6. **Chorney, J.M.** (October, 2009). Psychological influences on pediatric pain. Invited presentation. Atlantic Provinces Interprofessional Pain Conference. Halifax, Nova Scotia.
7. **MacLaren, J.** (October, 2008). Social Influences on children's pain: The role of family. Pediatric Grand Rounds, Connecticut Children's Medical Center, Hartford, CT
8. **MacLaren, J.** (October, 2008). Perioperative Anxiety in Children: Behavioral contributors and interventions. Pain Task Force Meeting, Connecticut Children's Medical Center, Hartford, CT
9. **MacLaren, J.** (November, 2007). Pediatric procedural pain and medical stress in primary care. Pediatric Grand Rounds, Saskatoon Health Region, Saskatoon, SK
10. Kain, Z.N., & **MacLaren, J.** (November, 2007). Winning their hearts and minds: The perioperative stress response. Public Lecture, University of Saskatchewan and Saskatoon Health Region, Saskatoon, SK.
11. Cohen, L. L., **MacLaren, J.**, Fortson, B., Friedman, A., DeMore, M., Lim, C. S., Shelton, E., & Gangaram, B. (May, 2006). Distraction for infant immunization pain. In K. Slifer (Chair). *Behavior Analysis Contributions to Managing Pediatric Pain*. Symposium presented at the Association for Behavior Analysis, Atlanta, GA.
12. **MacLaren, J.**, Cohen, L.L., Penwell, L., Hitchens, L. Speer, K.L., Chorney, D.B., & Stanley, V. (April, 2006). Improving pain management in children: Training nursing students in evidence-based behavioral techniques. In R. Brown (Chair). *Emerging Areas in Pediatric Psychology*. Paper presented at the National Conference on Child Health Psychology, Gainesville, FL
13. Adams, C.D., Joseph, K.E., **MacLaren, J.**, DeMore, M.A., Koven, L., Graves, M. et al. (April, 2006). A parent-youth teamwork intervention for improving adherence in pediatric asthma. Paper presented at the National Conference on Child Health Psychology, Gainesville, FL

14. **MacLaren, J.** (October, 2004). Dissemination of nonpharmacological pain management strategies to healthcare professionals. Invited presentation at the Pain in Child Health Strategic Training Consortium Meeting, Whitepoint, NS, Canada.
15. **MacLaren, J.**, Manni, P.J., Lewis, S.M., & Slater, H. (September, 2004). Factors related to burn camp nonattendance. Symposium presented at the Eastern Great Lakes Burn Study Group, Cleveland, OH.
16. **MacLaren, J.** & Cohen, L.L. (February, 2004). Distraction strategies for venipuncture distress in children. Invited presentation to the Pain in Child Health Strategic Training Consortium, International Online Lab Meeting.
17. Cohen, L.L., & **MacLaren, J.** (November, 2003). Movie distraction for pediatric procedural pain. In S. Safren (Chair) & D. Ahern (Discussant), *Use of Technology in Behavioral Assessments and Interventions*. Symposium presented at the Association for Advancement of Behavior Therapy Convention, Boston.

ABSTRACTS and POSTER PRESENTATIONS (Underline student co author)

1. Tan, E.T., **Chorney, J.**, Strom, S., Kain, Z.N. (2011) Children's behaviors in the recovery room: Developing the Recovery Room Child-Adult Medical Procedures Interaction Scale (R-CAMPIS). Abstract to be presented at American Society of Anesthesiologists.
2. Tan, E.T., **Chorney, J.**, Strom, S., Wang, S., Kain, Z.N. (2011). Mother and Child Behavior in the Post-Anesthesia Care Unit: A Video Coding Study. Abstract to be presented at American Society of Anesthesiologists.
3. Petter, M., Chambers, C.T., **Chorney, J.** (June, 2011). A comparison of mindful attention versus distraction on pain outcomes in children during the cold pressor. Joint Meeting of the British and Canadian Pain Societies.
4. Bennett, S., **Chorney, J.**, Dick, B. (June, 2011). Meaningful measures of "outcome" in chronic pain in children and adolescents: A multisite initiative. Joint Meeting of the British and Canadian Pain Societies.
5. Martin, S.A., **Chorney, J.**, Blount, R.L., Wald, S., Kain, Z.N., Shapiro, N., Strom, S. (2010). Changing adult behaviors in the pediatric perioperative environment: A pilot study. American Society of Anesthesiologists.
6. Al-Howary, A., Hackmann, T., **Chorney, J.** (April, 2010). Emergence Delirium after anesthesia in children: An audit. Resident Research Day, Department of Anesthesia, Dalhousie University

7. **Chorney, J.**, Hammell, C., Fortier, M.A., Kain, Z.N. (March, 2010). Sequential Analysis of Parent Influences on Children's Distress Behavior in the Immediate Postoperative Period. Poster to be presented at the International Symposium on Pediatric Pain, Acapulco, Mexico.
8. Fortier, M.A., Martin, S., **Chorney, J.**, Kain, Z.N. (March, 2010). What Children Want to Know about Their Surgery: Is it Going to Hurt? Poster to be presented at the International Symposium on Pediatric Pain, Acapulco, Mexico
9. Fortier, M.A., **MacLaren, J.**, Martin, S.R., Kain, Z.N. (May, 2009). Children's Pain at Home Following Ambulatory Surgery. Poster presented at the American Pain Society, San Diego, CA
10. **MacLaren, J.**, Weinberg, M., Hammell, C., & Kain, Z.N. (November, 2008). Anesthesiologist and Child Behavior at Anesthesia Induction: A video coding study. Abstract presented at the American Society of Anesthesiology, Orlando, FL.
11. Kain, Z.N., **MacLaren, J.**, Herrmann, L., Mayes, L., Lerman, J. (November, 2008). Preoperative melatonin and its effects on induction and emergence in children undergoing anesthesia and surgery. Abstract presented at the American Society of Anesthesiology, Orlando, FL.
12. **MacLaren, J.**, Weinberg, M., Kain, Z.N. (October, 2008). Modifications to increase the feasibility of ADVANCE preparation for surgery in real-world settings. Poster presented at the International Forum on Pediatric Pain, Whitepoint, Canada
13. **MacLaren, J.**, Thompson, C.C., Kain, Z.N. (April, 2008). Predicting Children's Anxiety at Anesthesia Induction: Accuracy of Mothers, Fathers, and Anesthesiologists. Poster presented at the National Conference on Child Health Psychology. Miami, FL.
14. **MacLaren, J.**, Novoa, C., Hammell, C., Lew, V., Kain, Z.N., Blount, R. (April, 2008) The perioperative version of the Child-Adult Medical Procedure Interaction Scale (P-CAMPIS): Reliability for anesthesiologists and preliminary assessment of physician-child interactions at anesthesia induction. Poster presented at the National Conference on Child Health Psychology, Miami, FL.
15. **MacLaren, J.**, Hammell, C., Novoa, C. Mednick, L., Kain, Z.N. (November, 2007). How much Time do we spend in Preoperative Holding: Findings of a Video Capture System. American Society of Anesthesiology, San Antonio, TX.
16. Marakets, I., **MacLaren, J.**, Thompson, C., Chen, J.A., Kain, Z.N. (November, 2007). Prediction of preoperative anxiety in children: Who is most accurate? American Society of Anesthesiology, San Antonio, TX.

17. **MacLaren, J.**, Cohen, L.L., Larkin, K.T., & Shelton, E. (May, 2007). Improving pain management in children: Training nursing students in evidence-based behavioral techniques. Poster presented at the American Pain Society, Washington, DC.
18. **MacLaren J.**, Thompson, C., Crofton, K., Hammell, C., Kain, Z.N. (May, 2007). Evaluation of a Brief Intervention to Train Parents in Behavioral Pain Management Strategies for Post-operative Pain. Poster presented at the American Pain Society, Washington, DC.
19. Lim, C. S., Cohen, L. L., **MacLaren, J.**, DeMore, M., Fortson, B., & Friedman, A. (April, 2007). An evaluation of vapocoolant for reducing children's immunization pain. Regional Conference on Child Health Psychology, Cincinnati, OH.
20. Kain, Z.N., **MacLaren, J.**, Caldwell-Andrews, A., Mayes, L., & Yaffa Zisk, R. (October, 2006). What children want to know about their surgery. Poster presented at the American Society of Anesthesiologists, Chicago, IL.
21. Kain, Z.N., **MacLaren, J.**, Wang, S., Caldwell-Andrews, A., Yaffa Zisk, R., & Mayes, L. (October, 2006). Facilitating perioperative research: Validity of short electronic measures for anxiety and temperament. Poster presented at the American Society of Anesthesiologists, Chicago, IL.
22. Kain, Z.N., **MacLaren, J.**, Wang, S., Caldwell-Andrews, A., & Smith, G. (October, 2006). Pre-surgical preparation programs for children undergoing outpatient surgery: Current status. Poster presented at the American Society of Anesthesiologists, Chicago, IL.
23. Vowles, K.E., **MacLaren, J.**, & Gross, J.E. (May, 2006). Continued depressive symptoms as a risk of decreased treatment effect following interdisciplinary treatment. Poster presented at the American Pain Society, San Antonio, TX.
24. **MacLaren, J.**, Cohen, L.L., & Lim, C. (April, 2006). Distraction for pediatric immunizations in a rural setting: Implementation and outcomes across sites. Poster presented at the National Conference on Child Health Psychology, Gainesville, FL.
25. Tien, K.J., Adams, C.D., Muller, C.E., DeMore, M.A., **MacLaren, J.**, Skidmore, B.A. et al. (April, 2006). Caregiver Factors Related to Unintentional Burn Injuries in Young Children. Poster presented at the National Conference on Child Health Psychology, Gainesville, FL.
26. **MacLaren, J.**, Gross, R.T., Sperry, J.A., & Boggess, J. (November, 2005). Impact of opioid use on psychological, physical, and return to work outcomes of functional restoration for chronic pain. Poster presented at the Behavioral Medicine Special Interest Group, Association for Behavior and Cognitive Therapy conference, Washington, DC.

27. Manni, P.J., **MacLaren, J.**, Lewis, S.M., & Slater, H (May, 2005). Explanations for children's refusal to attend burn camp: An exploratory study. Poster presented at the American Burn Association, Chicago, IL.
28. Cohen, L.L., Bernard, R.S., McClellan, C.B., & **MacLaren, J.** (November, 2004). Interactions during infants' injections: The Measure of Adult and Infant Soothing and Distress (MAISD). Poster presented at the Association for Advancement of Behavior Therapy, New Orleans, LA.
29. Fancher, A., Cohen, L.L., & **MacLaren, J.** (November, 2004). Correlates of pediatric dental behavior. Poster presented at the Association for Advancement of Behavior Therapy, New Orleans, LA.
30. **MacLaren, J.**, & Cohen, L.L. (October, 2004). Teaching behavioral pain management to healthcare professionals: A systematic review of research in training programs. Poster presented at the International Forum on Pediatric Pain, Whitepoint, Canada.
31. **MacLaren, J.** & Cohen, L.L. (May, 2004). Children's coping styles and the efficacy of distraction for procedural pain. Poster presented at the Joint Scientific Meeting for the Canadian and American Pain Society, Vancouver, Canada.
32. **MacLaren, J.** & Cohen, L.L. (May, 2004). The Procedural Pain Attitudes Scale: Relations among parent attitudes, parent anxiety, and child pain. Poster presented at the Joint Scientific Meeting for the Canadian and American Pain Society, Vancouver, Canada.
33. Adams, C. D., Joseph, K.E., **MacLaren, J.**, DeMore, M., Koven, L., Muller, C., Wilson, N.W., & Hogan, M. B. (April, 2004). Improving adherence to pediatric asthma medication through a parent-youth teamwork intervention. Poster presented at the SPP National Conference on Child Health Psychology, Charleston, SC.
34. Cohen, L.L., & **MacLaren, J.** (April, 2004). Parent and nurse report of pediatric procedural anxiety and pain: A cross-sectional analysis. Poster presented at the SPP National Conference on Child Health Psychology, Charleston, SC.
35. **MacLaren, J.**, McCourt, V.M., Cohen, L.L. (April 2004). Parent health care attitudes and children's procedural distress. Poster presented at the SPP National Conference on Child Health Psychology, Charleston, SC.
36. Joseph, K.E., Adams, C.D., Muller, C., DeMore, M., **MacLaren, J.**, Skidmore, D., Manni, P.J., & Slater, H. (March, 2004). Caregiver factors related to unintentional burn injuries in young children. Poster presented at the 8th Annual Research Symposium on Mental Health Sciences, Brown University, Providence, RI.
37. Adams, C.D., Joseph, K.E., **MacLaren, J.**, DeMore, M., Koven, L., Muller, C., Wilson, N.W., & Hogan, M.B. (March, 2004). Parent-youth teamwork in pediatric asthma

management. Poster presented at the American Academy of Allergy, Asthma, and Immunology (AAAAI), San Francisco, CA.

38. Fancher, A., Cohen, L.L., & **MacLaren, J.** (February, 2004). Predictors of pediatric distress during invasive dental procedures. Poster presented at the Undergraduate Research Day at the Capitol, Charleston, WV.
39. **MacLaren, J.**, & Cohen, L.L. (November, 2003). Active versus passive distraction for venipuncture in children. Poster presented at the Association for Advancement of Behavior Therapy, Boston, MA.
40. **MacLaren, J.**, Breau, L.M., Camfield, C., McGrath, P.J., & Finley, G.A. (May, 2002). Professionals' and students' opinions of pain in children with cognitive impairment. Poster presented at the Canadian Pain Society, Toronto, Canada.
41. Cohen, L.L., McClellan, C.B., Bernard, R.S., & **MacLaren, J.** (November, 2002) A comparison of distraction and topical anaesthesia for infants undergoing routine injections: A prospective study. Poster presented at the annual conference of the Association for Advancement of Behavior Therapy, Reno, NV.
42. **MacLaren, J.** & Cohen, L.L. (September, 2002). A comparison of distraction strategies for pre-surgery venipuncture. Poster presented at the International Forum on Pediatric Pain, Whitepoint, Canada.
43. Cohen, L.L., McClellan, C.B., Bernard, R.S., Piazza-Waggoner, C., Taylor, B.K., & **MacLaren, J.** (September, 2002). Topical anesthesia versus distraction for infants' pain: A prospective analysis. Poster presented at the International Forum on Pediatric Pain, Whitepoint, Canada.
44. **MacLaren, J.**, Breau, L.M., McGrath, P.J., Camfield, C., & Finley, G.A. (June, 2001). Caregivers' beliefs regarding pain in cognitively impaired children. Poster presented at the Canadian Psychological Association, St. Foy, Canada
45. **MacLaren, J.** (May, 2001). Students' opinions of pain in children with cognitive impairment: A quantitative and qualitative approach. Symposium presented at the Atlantic Provinces Interdisciplinary Council of Sciences, Halifax, Canada.

CLINICAL EXPERIENCE

2009-present	<p><i>Registered Psychologist (R0629), Pediatric Complex Pain Service, IWK Health Centre, Halifax, Nova Scotia</i></p> <p>Provides consultation to multidisciplinary chronic and acute pain management team. Conducts initial assessments of psychological factors contributing to children's pain. Provides individual and group based</p>
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cognitive behavioral and psychoeducational interventions for chronic pain and related disorders including sleep disorders, anxiety and depression.

2006-2007 *Postdoctoral Fellow, Pediatric Pain Service, Yale University School of Medicine and Yale-New Haven Children's Hospital, New Haven, Connecticut.*
Supervisors: Diane Findley, Ph.D. and Brenda McClain, M.D.
Provided consultation to multidisciplinary chronic pain management team.
Provided brief behaviorally-based interventions for coping with chronic pain and recommendations for continued pain management strategies.

2005-2006 *Predoctoral Clinical Internship, Child/Pediatric Track, Brown University Clinical Psychology Training Consortium, Providence, Rhode Island.*

Rotation: Early Childhood Center, Bradley Hospital
Supervisors: Christine Low, Ph.D., Susan Dickstein, Ph.D.
Completed assessments and screening interviews and provided recommendations to facilitate placement of children entering Head Start. Consulted to Head Start programs to provide recommendations and work with teachers to implement individual and class-based interventions for children with behavioral and psychosocial difficulties.

Rotation: Pediatric Psychology, Rhode Island Hospital
Supervisors: Elissa Jelalian, Ph.D., Jack Nassau, Ph.D., Julie Boergers, Ph.D., Robyn Mehlenbeck, Ph.D.
Provided on call consultation-liaison services to pediatric medical inpatients with psychiatric concerns. Provided individual and family therapy to children with chronic medical conditions in a day treatment setting. Participated in a multidisciplinary sleep clinic to complete evaluations and provide recommendations for behavioral treatment. Conducted biofeedback intervention for children with headache and other recurrent or chronic pain conditions.

Rotation: Women's Partial Hospitalization Program, Butler Hospital.
Supervisor: Ellen Costello, Ph.D.
Conducted psychoeducational groups and individual therapy within a Dialectical Behavior Therapy framework for women with borderline personality disorder and other psychiatric conditions in a day treatment program. Conducted initial assessment and facilitated appropriate placement for adult patients being admitted for psychiatric treatment.

2004-2005 *Practicum Student, Oasis Occupational Rehabilitation and Pain Management, Morgantown, WV.*
Supervisors: Richard Gross, Ph.D., Jeannie Speary, Ph.D.
Worked as part of a multidisciplinary functional restoration program to provide psychoeducational groups and individual relaxation training for

Conducted vocational evaluations including intelligence, achievement, and career interest components to facilitate return to work for patients with disabilities.

- 2003-2004 *Pediatric Psychology Extern, Burn Trauma Unit, Western Pennsylvania Hospital, Pittsburgh, PA*
Supervisor: Lee Weinberg, Ph.D.
Provided psychological consultation and brief therapy to inpatient and outpatient children to facilitate treatment and adjustment to burn injuries. Provided distraction and relaxation-based interventions for procedure-related pain. Coordination psychological portion of a one-week summer camp for survivors of burn injuries.
- 2003-2004 *Graduate Student Therapist School-based Psychology Clinical Team, Mountainview Elementary School, Morgantown, WV.*
Supervisor: Amy Strange, Ph.D.
Conducted screening assessments to facilitate appropriate classroom placement and provided recommendations for behavior management issues in the classroom. Provided individual and group therapy for children with anxiety and social skills deficits.
- 2002-2003 *Graduate Student Therapist, Pediatric Psychology Clinical Team, Quin Curtis Center, West Virginia University.*
Served as a consultant to pediatric hematology/oncology service. Attended multidisciplinary rounds, assisted in case conceptualization and recommendations. Consulted to pediatric hospitalist service in the management of patients with difficulty adjusting to illness and hospitalization.
- 2001-2003 *Graduate Student Therapist, Child Psychology Practicum Team, Quin Curtis Center, West Virginia University.*
Conducted assessment, individual, and family therapy for children with a range of internalizing and externalizing disorders. Included provision of parent-training interventions.

TEACHING AND SUPERVISION

Clinical Supervision: Provide supervision to practicum students and psychology residents on the Pediatric Complex Pain Team. Includes modeling, direct observation, case discussion, and review of written materials.

2010-2011 Joanne Vallely, Psychology Resident

Volunteer Graduate Instructor: Developed course plan and syllabus, prepared and presented weekly lectures, selected texts and readings, prepared examination materials, graded weekly quizzes and class examinations, and facilitated discussion in a seminar format.

2004	Health Psychology, West Virginia University, (Undergraduate)
2003	Controversial Issues in Psychology, West Virginia University, (Undergraduate)

Teaching Assistant: Delivered lectures, graded assignments, tracked and reported student progress for undergraduate and graduate courses.

2003	Child Behavior Modification, West Virginia University, (Graduate)
2003	Behavioral Assessment, West Virginia University, (Graduate)
2002	Introduction to Clinical Psychology, West Virginia University, (Graduate)
2001-2002	Introduction to Psychology, West Virginia University, (Undergraduate)

Guest Lectures: Prepared and delivered invited guest lectures for a postgraduate seminar and community-based educators.

2010	Behavioral coding and analysis. Workshop presented at the Pain in Child Health Training Institute, Montreal, QC
2007	“Physiological Stress Reduction,” Seminar in Empirically Supported Treatments, Yale University Child Study Center, New Haven, CT
2005	“Sleep in infants and toddlers,” Tritown Community Action Program, Providence, RI.

Research Supervision:

2010-present	Shelly Lowther. Masters of Nursing Thesis Committee
2009-present	Katherine Mifflin. Summer Research Student and Honours Student. Funded by IWK Summer Student Program
2009-2010	Mark Petter. Psychology Comprehensive Project.