

# Mark Andrew Connelly

## Curriculum Vitae

### **Contact Information**

*Work Address:* Children's Mercy, Division of Developmental & Behavioral Pediatrics, 2401 Gillham Road, Kansas City, MO 64108

*E-Mail:* mconnelly1@cmh.edu

*Phone:* (816) 234-3193 (work)

### **PROFESSIONAL POSITIONS**

- September, 2016 - Present     **Professor of Pediatrics**  
*University of Missouri-Kansas City School of Medicine, Kansas City, MO*
- July, 2011 - Present     **Co-Director, Comprehensive Headache Clinic**  
*Children's Mercy Hospitals and Clinics, Kansas City, MO*
- July, 2011 – Present     **Associate Professor of Pediatrics**  
*University of Missouri-Kansas City School of Medicine, Kansas City, MO*
- January, 2011 – Oct., 2014     **Acting Director, Integrative Pain Management**
- Jan, 2007 – Present     **Adjunct Graduate Faculty**  
*University of Missouri-Kansas City, Psychology Department, Kansas City, MO*
- July, 2006 – Dec., 2010     **Co-Director, Integrative Pain Management**  
*Children's Mercy Hospitals and Clinics, Kansas City, MO*
- July, 2006 – Present     **Clinical Health Psychologist, Division of Developmental and Behavioral Sciences**  
*Children's Mercy Hospitals and Clinics, Kansas City, MO*
- July, 2006 – June 2011     **Assistant Professor of Pediatrics**  
*University of Missouri-Kansas City School of Medicine, Kansas City, MO*
- August, 2004 – June, 2006     **Clinical Associate Faculty of Psychiatry and Behavioral Sciences**  
*Duke University Medical Center, Division of Medical Psychology, Durham, NC*

### **EDUCATION**

- August, 2004 – June, 2006     **Postdoctoral Fellowship**  
*Duke University Medical Center*  
Program: Pain Prevention and Research Program

- August, 2000 – July, 2004     **Doctorate Degree**  
*University of Kansas, Lawrence, KS*  
Program: Clinical Health Psychology (APA-accredited)  
Subspecialty: Psychosocial aspects of health and disease  
Minor: Quantitative Psychology
- July, 2003 – July, 2004     **Clinical Psychology Intern**  
*Medical University of South Carolina, Charleston, SC (APA-accredited)*  
Program: Clinical Health Psychology
- August, 1998 – May, 2000     **Master of Arts**  
*University of Kansas, Lawrence, Kansas*  
Program: Clinical Health Psychology (APA-accredited program)  
GPA: 4.0
- Sept, 1994 – May, 1996;  
 Sept, 1997 – May, 1998     **Honors Bachelor of Arts (Summa Cum Laude)**  
*Brock University, St. Catharine's, Ontario*  
Program: Psychology  
Major GPA: 4.0 (3.92 overall)
- August, 1996 – May, 1997     **International Student Exchange Program**  
*Eckerd College, St. Petersburg, Florida*  
Program: Psychology  
GPA: 4.0

## **LICENSES**

- June, 2006-Present     Licensed Clinical Psychologist & Licensed Health Services Provider  
 Missouri License #200616149
- August, 2007-Present     Licensed Clinical Psychologist  
 Kansas License # 1679
- November, 2005 - June, 2006     Licensed Clinical Psychologist & Licensed Health Services Provider  
 North Carolina License #3182

## **AWARDS AND HONORS**

- October, 2009     William Randolph Hearst Endowment Award
- April, 2008     Cross Clinical Scholars Award
- January, 2006     Duke Department of Human Development Research Mentorship Award
- September, 2005     International Headache Society Travel Award
- July, 2005     Selected and sponsored by NIH as a fellow for the 2005 Office of Behavioral and Social Sciences Research (OBSSR) Summer Institute on Randomized Clinical Trials
- August, 2004     Pain in Child Health (PICH) Mayday Fellowship Award

July, 2003 AstraZeneca LP Research Travel Award

June, 2003 Honors for Doctoral Dissertation in Clinical Health Psychology  
*University of Kansas, Lawrence, Kansas*

September, 2002 B. Kent Houston Award for Excellence in Clinical Health Psychology  
*University of Kansas, Lawrence, Kansas*

June, 1998 Cara Chefurka Memorial Prize for Outstanding Academic Achievement in Psychology  
*Brock University, St. Catharine's, Ontario*

June, 1998 Summa Cum Laude  
*Brock University, St. Catharine's, Ontario*

June, 1998 Psychology 3F40 Prize for Most Outstanding Research Project  
*Brock University, St. Catharine's, Ontario*

**GRANTS RECEIVED**

July, 2016 **Identifying Migraine Triggers in Children Using SMARTER Methodology**  
Agency: Marion Merrell Dow Clinical Scholar Award  
Type: Foundation  
Total Amount: \$83,944  
Role: PI

June, 2015 **Registry-Assisted Dissemination of Mobile Pain Management for Youth with Arthritis**  
Agency: Agency for Healthcare Research and Quality (AHRQ)  
Type: R21  
Total Amount: \$285,086  
Role: PI

June, 2015 **Randomized Clinical Trial of FIT Teens for Juvenile Fibromyalgia**  
Agency: National Institutes of Health (NIH)  
Type: U34  
Total Amount: \$363,362  
Role: Site PI/Project Co-I

October, 2014 **Headache Action Plan Project for Youth: System Change through School-Facilitated Intervention**  
Agency: Pfizer  
Type: Independent Grants for Learning and Change  
Total Amount: \$328,447  
Role: PI

August, 2014 **A mobile-based intervention to improve adolescents' headache self-management.**  
Agency: NIH/Inflexxion, Inc. (2R44HD066920)  
Type: SBIR  
Total Amount: \$990,000  
Role: Consultant

October, 2014      **Jointly Managing JIA Online: An Internet-based Psycho-educational Game for Children with Juvenile Idiopathic Arthritis (JIA) and their Parents**  
Agency: CIHR  
Type: Operating grant  
Total Amount: \$298,511  
Role: Co-I

February, 2012      **Pre-Mote: An electronic self-management intervention for pain in JIA**  
Agency: Arthritis Foundation  
Type: Innovative Research Grant  
Total Amount: \$200,000  
Role: Co-PI

October, 2011      **WebSMART: Efficacy of web-based pain self-management for adolescents with JIA**  
Agency: National Institutes of Health (1R01AR061513-01A1)  
Type: R01  
Total Amount: \$2,272,068  
Role: PI

September, 2011      **Improving pain prevention strategies during childhood immunization**  
Agency: Pfizer  
Type: Educational grant  
Total Amount: \$28,640  
Role: Co-I

April, 2009      **Development of an internet-based headache management system for teens**  
Agency: National Institutes of Health (1R43NS065558-01)  
Type: SBIR  
Direct Amount: \$100,020  
Role: PI

September, 2008      **SUPER-KIDZ Consensus Conference**  
Agency: Canadian Institutes of Health Research  
Type: Meetings, Planning and Dissemination Grant (90885)  
Role: Co-I, Co-Chair  
Total Amount: \$25,000

August, 2008      **Ask me where it hurts: Developing a standardized approach to the assessment of pain in pediatric rheumatology**  
Agency: Mayday Foundation  
Type: Private Grant  
Role: Co-PI  
Total Amount: \$61,831

July, 2008      **Electronic diary assessment of pain in childhood arthritis**  
Agency: National Institutes of Health  
Type: R01 (1 R01 AR053845-01A2)  
Role: Co-I  
Total Amount: \$ 1,034,417

May, 2008                    **Integrative method of pain resilience enhancement for scoliosis surgery (IMPRESS): An initial randomized trial**  
Agency: Cross Foundation  
Type: Internal Grant  
Role: PI  
Total Amount: \$49,010

February, 2008            **Online monitoring of changes in pediatric pain and functional disability**  
Agency: Katherine B. Richardson, Children’s Mercy Hospital  
Type: Internal grant  
Role: Co-I  
Total Amount: \$9,915

January, 2008              **Adjunctive self-management of pediatric headache in primary care**  
Agency: U-Inc and Kansas Technology Enterprises Corporation  
Type: Private Grants  
Role: PI  
Total Amount: \$50,000

September, 2007         **‘Headstrong’ proof of concept**  
Agency: Kansas Technology Enterprises Corporation  
Type: Private grant  
Role: PI  
Total Amount: \$25,000

June, 2007                 **An empirical evaluation of self-report scales as indicators of pain treatment response following surgery**  
Agency: Katherine B. Richardson, Children’s Mercy Hospital  
Type: Internal grant  
Role: PI  
Total Amount: \$14,751

July, 2006                 **Real-time assessment of headache triggers in children**  
Agency: National Headache Foundation  
Type: Private grant  
Role: PI  
Total Amount: \$5,200

March, 2005                **Ameliorating attention problems in children with Sickle Cell Disease**  
Agency: National Institutes of Health  
Type: R21 (1 R21HD049244)  
Role: Consultant  
Total Amount: \$150,000

March, 2004                **‘Headstrong’ intervention for recurrent pediatric headache**  
Agency: National Institutes of Health  
Type: R01 (5R01 NS046641)  
Role: Consultant  
Total Amount: \$632,560

June, 2003                    **Predictors of adaptation and cognitive behavioral intervention for African-American adolescents with lupus**  
Agency: NIH (NIAMS)  
Type: R01 Grant (P60 AR049459)  
Role: Consultant  
Total Amount: \$950,000

August, 2002                    **‘Headstrong’: A computer-based cognitive-behavioral intervention for recurrent pediatric headache**  
Agency: AstraZeneca LP  
Type: Educational Grant  
Role: PI  
Total Amount: \$50,000

### **THESES/DISSERTATION/QUALIFYING TASK**

August, 2001 – June, 2003    **‘Headstrong’: A Computer-Based Cognitive-Behavioral Intervention for Recurrent Pediatric Headache**  
*University of Kansas, Lawrence, Kansas*  
Type: Dissertation  
Status: Successfully defended with Honors 06/13/03  
Chairs: Dr. Michael Rapoff and Dr. Douglas Denney

August, 2000 – May, 2001    **The Psychology of Alternative Medicine**  
*University of Kansas, Lawrence, Kansas*  
Type: Qualifying Teaching Task – Comprehensive Exams  
Status: Successfully completed Spring 2001  
Chairs: Dr. James Grobe and Dr. Annette Stanton

March, 1999 - April, 2000    **Discordance Between Physiological and Subjective Responding to Challenge in Primary Alexithymia**  
*University of Kansas, Lawrence, Kansas*  
Type: Master’s Thesis  
Status: Successfully defended April 11<sup>th</sup>, 2000  
Chair: Dr. Douglas Denney

### **CLINICAL EXPERIENCE**

July, 2006 – Present            **Integrative Pain Management Program**  
*Children’s Mercy Hospitals and Clinics, Kansas City, MO*

August, 2010 – Present        **Comprehensive Headache Program**  
*Children’s Mercy Hospitals and Clinics, Kansas City, MO*

August, 2004 – June, 2006    **Pain Prevention and Management Center**  
*Duke University Medical Center, Durham, NC*

August, 2004 – June, 2006    **Pediatric Pain Clinic**  
*Duke University Medical Center, Durham, NC*

- February, 2004-July, 2004 **Weight Management Clinic**  
*Medical University of South Carolina (MUSC), Charleston, SC*
- February, 2004-July, 2004 **Counseling and Psychological Services**  
*Medical University of South Carolina (MUSC), Charleston, SC*
- July, 2003 – January, 2004 **Developmental and Behavioral Pediatrics**  
*Medical University of South Carolina (MUSC), Charleston, SC*
- February, 2001 – June, 2003 **Developmental and Behavioral Pediatrics**  
*University of Kansas Medical Center (KUMC), Kansas City, KS*
- February, 2001 – September, 2001 **Developmental and Behavioral Pediatrics Outreach Clinics**  
*Lawrence Child and Adolescent Clinic, KUMC Satellite Clinic, Lawrence and Kansas City, KS*
- November 2000 – February, 2001 **Pain and Palliative Care Clinics**  
*University of Kansas Medical Center (KUMC), Kansas City, KS*
- August, 2000 – November, 2000 **Rehabilitation Medicine**  
*University of Kansas Medical Center (KUMC), Kansas City, KS*
- June, 1999 – August, 2000; Sept, 2001 – January, 2002 **Counseling and Psychological Services**  
*University of Kansas, Lawrence, Kansas*
- September, 1997-May, 1998 **Adult Inpatient Psychiatric Services**  
*St. Catharine's General Hospital, St. Catharine's, Ontario*

### **TEACHING AND SUPERVISION**

- August, 2012 – Present **UMKC School of Medicine Behavioral Science Course**  
Level: Medical school  
Role: Guest lecturer
- June, 2011 – August, 2011 **Summer Scholars Research Program**  
Level: Undergraduate  
Role: Research mentor
- August, 2008 – Present **Pain Management Clinic Practicum**  
*University of Missouri-Kansas City, Department of Psychology*  
Level: Graduate  
Role: Practicum director and clinical supervisor
- January, 2008 – Present **“Health Psychology Interventions”**  
*University of Missouri-Kansas City, Department of Psychology*  
Level: Graduate  
Role: Guest lecturer
- November, 2007 – Present **“Theoretical Foundations of Health Psychology”**  
*University of Missouri-Kansas City, Department of Psychology*  
Level: Graduate  
Role: Guest lecturer

- August, 2006 – Present      **Clinical Intern Supervisor (APA-Approved Internship Program)**  
*Children’s Mercy Hospitals and Clinics*  
Level: Graduate  
Role: Clinical supervisor
- June, 2006 – Present      **Developmental and Behavioral Sciences Internship Training**  
Level: Graduate (psychology interns)  
Role: Faculty research mentor
- August, 2005 – June, 2006      **Human Development Program**  
*Duke University*  
Level: Undergraduate  
Role: Research mentor
- August, 2004 – June, 2006      **Data Management and Analysis Consulting**  
*Duke University*  
Level: Undergraduate, graduate, and faculty  
Role: Co-leader, Data Management and Statistical Analysis team
- June, 2002 – September, 2002      **“Abnormal Psychology”**  
*University of Kansas*  
Level: Advanced undergraduate course  
Role: Instructor
- August, 2001 – May, 2002      **“Advanced Statistical Analysis”**  
*University of Kansas*  
Level: Graduate course  
Role: Graduate Teaching Assistant
- August 2000 - May 2001      **“The Psychology of Alternative Medicine”**  
*University of Kansas*  
Level: Advanced undergraduate course  
Role: Instructor
- August 1999 – May 2000      **“Introductory Psychology”**  
*University of Kansas*  
Level: Introductory undergraduate course  
Role: Graduate Teaching Assistant
- August 1999 – May 2000      **“Introductory Statistics”**  
*University of Kansas*  
Level: Advanced undergraduate course  
Role: Graduate Teaching Assistant

**DISSERTATION COMMITTEES**

Alison Greenleaf, MD, School of Medicine, Anatomy and Cell Biology, University of Kansas Medical Center  
*Dissertation:* “Effects of Early Life Stress on Pain Syndromes.”

Elizabeth Edmundson, RN, Graduate School of Nursing, University of Missouri-Kansas City  
*Dissertation:* “Effects of Self-Hypnosis on Cumulative Sedative Dosing during Pediatric Medical Procedures”

Jessica Hamilton, MA, Graduate School of Clinical Psychology, University of Missouri-Kansas City  
*Dissertation*: “Modified Affective Modulation of Startle Reflex as a Measure of Emotion Regulation”

### **RESEARCH MENTORING**

Sherilynn Chan, MS, Department of Clinical Psychology, Miami University  
*Intern Project*: “Peer Difficulties among Youth with Chronic Pain: Associations with Pain Characteristics and Emotional Functioning” (2015-2016). Won the Society of Pediatric Psychology Poster Award, April, 2016.

Ali Calkins, Department of Clinical Psychology, University of Kansas  
*Graduate Independent Study*: “Predictors of Severe and Refractory Functional Disability in Children and Adolescents with Persistent Pain Disorders” (2014-2015)

Melissa Childress, Department of Psychology, University of Missouri-Kansas City  
*Undergraduate Independent Study*: “Evaluating the role of treatment expectancies on perceived efficacy of and adherence to multimodal interventions for pediatric chronic pain” (2012-2013)

Robert Dylan Fulmer, Department of Psychology, University of Kansas  
*Undergraduate Honors Thesis*: “Sleep Disruption in Juvenile Primary Fibromyalgia Syndrome” (2010-2011)

### **EDUCATIONAL TALKS**

**“ACT vs CBT: Psychological Treatment Strategies in Chronic Pain Management.”** Invited presentation for *American Society for Pain Management Nursing*, Kansas City, MO (2016)

**“Pain-Full technology: Use of eHealth for the Understanding and Treatment of Pediatric Chronic Pain”**  
*Visiting Professor Seminar*, Cincinnati Children’s Hospital, Cincinnati, OH (2014)

**“Chronic Pain in Teens: All in the Head?”**  
*“Teen Aches and Pains: A Practical-Office Based Approach”* CME Program, Children’s Mercy Hospital (2012)

**Connelly, M.** Pain in pediatrics. Invited speaker for the American College of Rheumatology (ACR) State of the Art Meeting, Chicago, IL (2012)

**Connelly, M.** Psychosocial issues in adolescents with rheumatic disease. Roundtable presentation at the American College of Rheumatology: Pediatric Rheumatology Symposium, Miami, FL (2011)

**“Culturally Sensitive Pain Management”**  
*Grand Rounds*, Children’s Mercy Hospital, Kansas City, MO (2010)

**“Making soft data harder: Daily process methodology and its application to pediatric pain research”**  
*Academic Scholarship Conference*, Children’s Mercy Hospital, Kansas City, MO (2009)

**“Procedural sensitization and what we can do to prevent it”**  
*Grand Rounds*, Children’s Mercy Hospital, Kansas City, MO (2009)

**“Developmental Factors in Pain Assessment and Treatment”**  
*Initiative for Pediatric Palliative Care Curriculum*, Children’s Mercy Hospital, Kansas City, MO (2008)

**“Challenges in Characterizing Pediatric Pain”**

*Clinical Research Seminar Series, Children’s Mercy Hospital, Kansas City, MO (2007)*

**“Assessment and Treatment of Chronic Pain in Children and Adolescents”**

*Developmental and Behavioral Sciences Didactics Series, Children’s Mercy Hospital, Kansas City, MO (recurring)*

**“Toward Improving the Assessment and Treatment of Chronic Pain in Children and Adolescents”**

*Bernard Lubin Lecture Series, University of Missouri-Kansas City (2007)*

**“The Psychology of Pain in Children and Adolescents: It’s All in the Head”**

*Medical Resident Education, Children’s Mercy Hospital (recurring)*

**“Emotion Regulation: Research and Implications”**

*Center for Cognitive Behavioral Research Lecture Series, Duke University Medical Center, Durham, NC (2006)*

**“Psychological Management of Chronic Pain in Children”**

*Pediatric Resident Didactics, Duke University Medical Center, Durham, NC (2005-2006)*

**“Headaches in Children”**

*Pediatric Academic Rounds, Medical University of South Carolina (2004)*

**“Psychological and Physiological Aspects of Recurrent Pediatric Pain”**

*Pediatric Attending Rounds, University of Kansas Medical Center, Kansas City, MO (2003)*

**“Minimal contact behavioral interventions for recurrent pediatric headache”**

*Pediatrics Attending Rounds, University of Kansas Medical Center, Kansas City, MO (2002)*

**PUBLICATIONS**

**A. Peer-Reviewed Research Articles**

Connelly, M., Bromberg, M., Anthony, K., Gil, K., & Schanberg, L. (in press). Use of smartphones to prospectively evaluate predictors and outcomes of caregiver responses to pain in youth with chronic disease. *Pain*.

Schurman, J.V., Deacy, A.D., Johnson, R.J., Parker, J., Williams, K., Wallace, D., Connelly, M., Anson, L., & Mroczka, K. (in press) Using quality improvement methods to increase use of pain prevention strategies for childhood vaccination. *World Journal of Clinical Pediatrics*.

Gaultney, A., Bromberg, M., Connelly, M., Spears, T., & Schanberg, L. (2017). Parent and child report of pain and fatigue in JIA: does disagreement between parent and child predict functional outcomes? *Children, 4*, 11.

Wallace, D.P., Woodford, B., **Connelly, M.** (2016). Promoting psychological flexibility in parents of adolescents with chronic pain: Pilot study of an 8-week group intervention. *Clinical Practice in Pediatric Psychology, 4*, 405-416.

**Connelly, M.**, Wallace, D.P., Williams, K., Parker, J., Schurman, J.V. (in press). Parent attitudes toward pain management for childhood immunizations. *Clinical Journal of Pain, 32*(8), 654-658.

Bromberg, M.H., **Connelly, M.**, Anthony, K.K., Gil, K., Schanberg, L.E. (2016). Prospective mediation models of sleep, pain, and daily function in children with arthritis using ecological momentary assessment. *Clinical Journal of Pain, 32*(6), 471-477.

- Brown, J., **Connelly, M.**, Nickols, C., Weigel, J., Neville, K.A. (2015). Developmental changes of normal pupil size and reactivity in children. *Journal of Pediatric Ophthalmology and Strabismus*, 52(3), 147-151.
- Connelly, M.**, Brown, J., Kearns, G., Anderson, R., St. Peter, S., Neville, K. (2014). Pupillometry: a non-invasive technique for pain assessment in paediatric patients. *Archives of Disease in Childhood*, 99, 1125-1131.
- Connelly, M.**, Fulmer, R.D., Prohaska, J., Anson, L., Dryer, L., Thomas, V., Ariagno, J.E., Price, N., Schwend, R. (2014). Predictors of postoperative pain trajectories in adolescent idiopathic scoliosis. *Spine*, 39(3), E174-181.
- Bromberg, M. H., **Connelly, M.**, Anthony, K. K., Gil, K.M., Schanberg, L.E. (2014). Self-reported pain and disease symptoms persist in Juvenile Idiopathic Arthritis despite treatment advances: an electronic diary study. *Arthritis and Rheumatology*, 66, 462-469.
- Rapoff, M.A., **Connelly, M.**, Bickel, J.L., Powers, S.W., Hershey, A.D., Allen, J.R., et al. (2014). Headstrong intervention for pediatric migraine headache: A randomized clinical trial. *The Journal of Headache and Pain*, 15, 12.
- Lumley, M.A., Keefe, F.J., Mosley-Williams, A., Rice, J.R., McKee, D., Waters, S.J., Partridge, R.T., Carty, J.N., Coltri, A.M., Kalaj, A., Cohen, J.L., Neely, L.C., Pahssen, J.K., **Connelly, M.**, Riordan, Y.B., & Riordan, P.A. (2014). The effects of written emotional disclosure and coping skills training in rheumatoid arthritis: A randomized clinical trial. *Journal of Consulting and Clinical Psychology*, 82, 644-658.
- Karlson, C.W., Litzenburg, C.C., Sampilo, M.A., Rapoff, M.A., **Connelly, M.**, Bickel, J., Hershey, A.D., & Powers, S.W. (2013). Relationship between daily mood and migraine in children. *Headache*, 53(10), 1624-1634.
- Brown, R.T., Shaftman, S., Tilley, B., Anthony, K., Kral, M., Maxson, B., Mee, L., Bonner, M., Vogler, L., Schanberg, L., **Connelly, M.**, et al. (2012). The Health Education for Lupus Patients study: a randomized controlled cognitive-behavioral intervention targeting psychosocial adjustment and quality of life in adolescents females with Systemic Lupus Erythmatosus. *American Journal of the Medical Sciences*, 344(4), 274-282.
- Stinson, J., **Connelly, M.**, Jibb, L. A., Schanberg, L. E., Walco, G., Spiegel, L. R., et al. (2012). Developing a standardized approach to the assessment of pain in children and youth presenting to pediatric rheumatology providers: a Delphi survey and consensus conference process followed by feasibility testing. *Pediatric Rheumatology*, 10:7.
- Somers, T.J., Blumenthal, J.A., Guilak, F., Kraus, V.B., Schmitt, D.O., Babyak, M.A., Craighead, L.W., Caldwell, D.S., Rice, J.R., McKee, D.C., Shelby, R.A., Campbell, L.A., Pells, J.J., Sims, EL, Queen, R., Carson, JW, **Connelly, M.**, et al. (2012). Pain coping skills training and lifestyle behavioral weight management in patients with knee osteoarthritis: a randomized controlled study. *Pain*, 153(6), 1199-1209.
- Connelly, M.**, Anthony, K. K., Schanberg, L. E. (2012). Parent perceptions of child vulnerability are associated with functioning and health care use in children with chronic pain. *Journal of Pain and Symptom Management*, 43(5), 953-960.
- Connelly, M.**, Bromberg, M.H., Anthony, K.K., Gil, K.M., Franks, L., & Schanberg, L.E. (2012). Emotion regulation predicts pain and functioning in children with Juvenile Idiopathic Arthritis: an electronic diary study. *Journal of Pediatric Psychology*, 37(1), 43-52.
- Connelly, M.**, & Bickel, J. (2011). An electronic daily diary process study of stress and health behavior triggers of primary headaches in children. *Journal of Pediatric Psychology*, 36(8), 852-862.

**Connelly, M.,** Neville, K. (2010) Comparative prospective evaluation of the responsiveness of single-item pediatric pain intensity self-report scales and their uniqueness from negative affect in a hospital setting. *Journal of Pain, 11(12)*, 1451-1460.

**Connelly, M.,** Miller, T., Gerry, G., Bickel, J. (2010). Electronic momentary assessment of weather changes as a trigger of headaches in children. *Headache, 50*, 779-789.

**Connelly, M.,** Anthony, K.K., Sarniak, R., Bromberg, M.H., Gil, K.M., Schanberg, L.E. (2010). Parent pain responses as predictors of daily activities and mood in children with Juvenile Idiopathic Arthritis: the utility of electronic diaries. *Journal of Pain and Symptom Management, 39(3)*,579-590.

von Baeyer, C.L., Spagrud, L.J., McCormick, J.C., Choo, E., Neville, K., & **Connelly, M.**(2009). Three new datasets supporting use of the Numerical Rating Scale (NRS-11) for children's self-reports of pain intensity. *Pain, 143(3)*, 223-227.

Keefe, F. J., Anderson, M. L., Caldwell, D., Stainbrook, D., McKee, D., Waters, S. J., **Connelly, M.,** Affleck, G., Pope, S., Weis, M., Riordan, P., & Uhlin, B. (2008). A randomized, controlled trial of emotional disclosure in rheumatoid arthritis: can clinician assistance enhance the effects? *Pain, 137(1)*, 164-172.

**Connelly, M.,** Keefe, F. J., Affleck, G., Anderson, T., Lumley, M., & Waters, S. (2007). Effects of day-to-day affect regulation on the pain experience of patients with rheumatoid arthritis. *Pain, 131(1-2)*, 162-170.

**Connelly, M.,** & Denney, D. (2007). Regulation of emotions during experimental stress in alexithymia. *Journal of Psychosomatic Research, 62(6)*, 649-656.

**Connelly, M.,** Rapoff, M.A., Thompson, N., & Connelly, W. (2006). 'Headstrong': A pilot study of a CD-ROM intervention for recurrent pediatric headache. *Journal of Pediatric Psychology, 31(7)*, 737-747.

**Connelly, M.,** & Rapoff, M. A. (2006). Assessing quality of life in children with recurrent headache: Reliability and validity of the PedsQL™ 4.0 in a pediatric headache sample. *Journal of Pediatric Psychology, 31(7)*,698-702.

Brown, R. T., **Connelly, M.,** Rittle, C., & Cloues, B. (2006). A longitudinal examination predicting emergency department utilization in sickle cell disease and their caregivers. *Journal of Pediatric Psychology, 31(2)*, 163-173.

Kral, M. C., Brown, R. T., **Connelly, M.,** Cure, J. K., Besenski, N., Jackson, S. M., & Abboud, M. R. (2006). Radiographic predictors of neurocognitive functioning in pediatric sickle cell disease. *Journal of Child Neurology, 21(1)*, 37-44.

**Connelly, M.,** Wagner, J. L., Brown, R.T., Riddell, C., Wall, B., & Taylor, L. (2005). Informant discrepancy in perceptions of sickle cell disease status. *Journal of Pediatric Psychology, 30(5)*, 443-448.

Wagner, J.L, **Connelly, M.,** Brown, R.T., Riddell, C., Wall, B., & Taylor, L. (2004). Predictors of social anxiety in children and adolescents with sickle cell disease. *Journal of Clinical Psychology in Medical Settings, 11(4)*, 243-252.

Hall, J. A., Davis, M., & **Connelly, M.** (2000). Dispositional empathy in scientist and practitioner psychologists: Group differences and relationship to self-reported professional effectiveness. *Psychotherapy, 37(1)*, 45-56.

### **B. Peer-Reviewed Review Articles**

Stinson, J., **Connelly, M.,** Kamper, S.J., Herlin, T., & April, K. T. (in press). Models of care for addressing chronic musculoskeletal pain and health in children and adolescents. *Best Practice and Research Clinical Rheumatology.*

Wu, Y., Steele, R.G., **Connelly, M.**, Palermo, T.M., & Ritterband, L. (2014). Pediatric eHealth Interventions: Common challenges during development, implementation, and dissemination. *Journal of Pediatric Psychology*, 39, 612-623.

**Connelly, M.**, Bickel, J. (2013). Chronic daily headache in children and adolescents: science and conjecture. *Pain Management*, 3(1), 47-58.

**Connelly, M.** (2009). Bridging the knowledge-practice divide: using technology to evaluate and modify behavioral aspects of chronic pain in children. *Behavior Therapist*, 32(2), 32-35.

**Connelly, M.**, & Schanberg, L. (2006). Opioid therapy for the treatment of refractory pain in pediatric rheumatic disease. *Nature Clinical Practice Rheumatology*, 2(12), 636-637.

**Connelly, M.** & Schanberg, L. (2006). Latest developments in the assessment and management of chronic musculoskeletal pain syndromes in children. *Current Opinion in Rheumatology*, 18, 496-502.

**Connelly, M.** (2002). Recurrent pediatric headache: a comprehensive review. *Children's Health Care*, 32(3), 153-189.

### **C. Peer-Reviewed Commentaries**

**Connelly, M.** (2013). Cognitive behavioral therapy for treatment of pediatric chronic migraine. *JAMA*, 310(24), 2617-2618.

**Connelly, M.**, von Baeyer, C.L., Stinson, J., Schanberg, L.E. (2011). Pain as a quality of care measure in juvenile idiopathic arthritis – one step forward, but is it the best foot? *Arthritis Care & Research*, 63(9), 1352-1353.

**Connelly, M.** (2010) The verbal numeric rating scale in the pediatric emergency department: What do the numbers really mean? *Pain*, 149(2), 167-168.

**Connelly, M.** (2003). The internship Match hazing process: A survival guide. *The Clinical Psychologist*, 56(4), 24-30.

### **D. Chapters**

Weydert, J., **Connelly, M.** (2016). Integrative approach to pediatric pain management, part 1: procedural and acute pain in children. In R. Bonakdar and A. Sukiennik (Eds.), *Integrative Pain Management*. New York: Oxford University Press.

**Connelly, M.**, & Weydert, J. (2016). Integrative approach to pediatric pain management, part 2: chronic pediatric pain. In R. Bonakdar and A. Sukiennik (Eds.), *Integrative Pain Management*. New York: Oxford University Press.

**Connelly, M.**, Bickel, J. (2013). Chronic daily headache in children (pp. 598-606). In R. F. Schmidt & G. F. Gebhart (Eds.), *Encyclopedia of Pain (2nd edition)*. New York: Springer.

Weydert, J., & **Connelly, M.** (2009). Integrative approach to acute and chronic pain in children. In T. Culbert & K. Olness (Eds.), *Integrative Medicine Library* (pp. 518-568). NY: Oxford Press.

**Connelly, M.**, & Schanberg, L. (2008). Considerations for evaluating and managing pediatric musculoskeletal pain in primary care (pp. 185-200). In G. A. Walco & K. R. Goldschneider (Eds.), *Pediatric Pain Management in Primary Care: A Practical Guide*. Totowa, NJ: The Humana Press.

### **E. Book Reviews**

**Connelly, M.** (2007). Minding the body of evidence to support a new age of medicine. *PsycCritiques – Contemporary Psychology: APA Review of Books*, 52(No. 26), Article 5.

**Connelly, M.** (2007). On CEOs, CPAs, Congress, and the scholarly treatment of child maltreatment. *PsycCritiques – Contemporary Psychology: APA Review of Books*, 52(38), Article 14.

### **E. Abstracts**

Stinson, J., **Connelly, M.**, Huber, A., Luca, N., Spiegel, A. Tsimicalis, S. et al. Development and usability testing of an iPad and desktop psycho-educational game for children with Juvenile Idiopathic Arthritis and their parents. *Journal of Pain*, 17(4), S106.

Stinson, J., **Connelly, M.**, Huber, A., Luca, N., Spiegel, L., Tsimicalis, A., et al. (2016). Development and usability testing of an iPad and desktop psycho-educational game for children with Juvenile Idiopathic Arthritis and their parents. *Pediatric Rheumatology*, 14(Suppl 1), 12.

Stinson, J., Huber, A., **Connelly, M.**, Luca, N., Spiegel, L., Tsimicalis, A., et al. (2015). Development and usability testing of an iPad-based psycho-educational game for children with Juvenile Idiopathic Arthritis and their parents. *Arthritis & Rheumatology*, 67 (suppl 10).

**Connelly, M.** (2015). Pain-less technology: leveraging eHealth to understand and manage chronic pain in juvenile arthritis. *Annals of Behavioral Medicine*, 49(Suppl 1), S138.

**Connelly, M.**, Hoffart, C., Schikler, K., Boneparth, A., & Weiss, J.E. (2014). Changes over time in symptoms and treatment of Juvenile Primary Fibromyalgia Syndrome. *Arthritis and Rheumatology*, 66(Suppl 11), S117.

Weiss, J.E., Hoffart, C., Schikler, K., Boneparth, A., & **Connelly, M.** (2014). Symptom and treatment characteristics of Juvenile Primary Fibromyalgia Syndrome in the CARRA Registry: are males and females created equal? *Arthritis and Rheumatology*, 66(Suppl 11), S134.

Brown, J., **Connelly, M.**, Nickols, C., Weigel, J., & Neville, K. (2013). Normative pupillometry in pediatrics. *Clinical Pharmacology and Therapeutics*, 93, SE14-E15.

Hallman, M., & **Connelly, M.** (2013). The effects of parental perceptions on children's adherence in chronic pain. *Journal of Pain*, 14(1), S103.

Wallace, D., Anson, L, Kessler, E., **Connelly, M.**, & Schurman, J (2012). Do parents really want pain prevention strategies for immunizations? *Journal of Pain*, 13(4), S34.

**Connelly, M.**, Wallace, D.P., Cushing, C.C., Lathrom, N., & Schurman, J.V. (2011) Tracking of pain in children with daily diaries: what questions should be asked? *Journal of Pain*, 12(4), 82.

Lumley, M.A., Keefe, F.J., Slatcher, R., Mosley-Williams, A., Rice, J., Mayo, A., Kalaj, A., Carty, J., McKee, D., **Connelly, M.**, et al. (2011). The RAISED Trial: Effects of coping skills training and written emotional disclosure on daily diary outcomes of patients with rheumatoid arthritis. *Psychosomatic Medicine*, 73, A-120.

**Connelly, M.**, Bromberg, M.H., Anthony, K.K., Franks, L., Gil, K. M., & Schanberg, L. E. (2010) Daily electronic reports of pain and activity difficulties in children with JIA versus children with other rheumatic diseases. *Arthritis and Rheumatism*, 62(10), S945.

Bromberg, M.H., Valrie, C.R., **Connelly, M.**, Anthony, K.K., Franks, L., Gil, K. M., & Schanberg, L. E. (2010). Sleep in polyarticular juvenile idiopathic arthritis: an electronic daily diary study. *Arthritis and Rheumatism*, 62(10), S584-85.

Lumley, M.A., Keefe, F.J., Mosley-Williams, A., Rice, J., Mayo, A., Kalaj, A., Carty, J., McKee, D., **Connelly, M.**, Waters, S., Cohen, J., Neely, L., & Stevenson, J. (2010). The RAISED Trial (Rheumatoid Arthritis Instruction in Skills and Emotional Disclosure): Main effects of coping skills training and written emotional disclosure. *Psychosomatic Medicine*, 72, A-142.

Stinson, J, **Connelly, M**, Chalom, E, Chira, P, Schanberg, L, Rapoff, M, Walco, G, Tse, SML, Spiegel, L. (2009). Ask Me Where it Hurts?: Developing a standardized approach to the assessment of pain in children and youth presenting to pediatric rheumatology providers. *Arthritis and Rheumatism*, 60, Suppl 10, S577.

**Connelly, M.**, Anthony, K., Gil, K. M., Sarniak, R., Hood, M., Wootton, J., & Schanberg, L. (2007). Electronic momentary assessment of child pain, parent responses, and emotion in children with arthritis. *Arthritis and Rheumatism*, 56(9), S552.

**Connelly, M.**, Anthony, K., Wootton, J., Rittgers, S., Edwards, C., & Schanberg, L. (2006). The effect of caregiver perceptions of child vulnerability on functioning and health care utilization in children with chronic pain. *Pain Research and Management*, 11(Supp B), 69.

**Connelly, M.** (2006). Distinguishing clinical levels of depression in children with chronic pain syndromes: influence of caregiver depression and child coping strategies. *Pain Research and Management*, 11(Supp B), 70.

**Connelly, M.** (2006). The effect of caregiver perceptions of child vulnerability on functioning and health care utilization in children with chronic pain syndromes. *Journal of Developmental and Behavioral Pediatrics*, 27(5), 435.

**Connelly, M.** (2005). A pilot clinical trial of an adjunctive CD-ROM behavioral intervention for recurrent pediatric headache. *Cephalalgia*, 25(12), 1194.

### **ACADEMIC PRESENTATIONS**

Stinson, J., **Connelly, M.**, & Kohut, S.A. Digital health: using technology to optimize disease self-management in youth and young adults with arthritis. Symposium presented at ACR/AHRP Conference, Washington, DC, November 2016.

Stinson, J., Huber, A., **Connelly, M.**, Luca, N., Spiegel, L., Tsimicalis, A., et al. Development and usability testing of an iPad-based psycho-educational game for children with Juvenile Idiopathic Arthritis and their parents. Poster presented at the European Pediatric Rheumatology Congress (PReS), Genoa, Italy, September 28-October 1, 2016.

Hoffman, A., **Connelly, M.**, & Woods, G. Children and adolescents with Sickle Cell Disease report reduction in pain and negative affect and increases in cheerfulness and calm following therapeutic massage. Poster presented at the International Congress of Integrative Medicine and Health, Las Vegas, NV, May 17-20, 2016.

Kingsley, R., Rose, J., **Connelly, M.** An exploration into essential oil preferences among children and adolescents with chronic pain. Poster presentation at the International Congress on Integrative Medicine and Health, Las Vegas, NV, May 17-20, 2016.

Stinson, J., Huber, A., **Connelly, M.**, Luca, N., Spiegel, L., Tsimicalis, A., et al. Development and usability testing of an iPad-based psycho-educational game for children with Juvenile Idiopathic Arthritis and their parents. Poster presentation at the 35th Annual American Pain Society Scientific Meeting, Austin, Texas, May 11-14, 2016.

Davis C, Wallace DP, Lewandowski M, Calkins A, **Connelly M**. Predictors of healthcare utilization among youth with chronic pain. Poster presentation at the American Pain Society Annual Conference, Austin, TX, May 11-14, 2016.

Bickel J, **Connelly M**. Toward improving migraine management in primary care: the HAPPY project. Oral and poster presentation at the American Academy of Neurology 68<sup>th</sup> Annual Meeting, Vancouver, BC, April 15-21, 2016.

Chan S, **Connelly M**, Wallace DP. Peer difficulties among youth with chronic pain: associations with pain characteristics and emotional functioning. Poster presentation at the Society for Pediatric Psychology Conference, Atlanta, GA, April 14-16, 2016.

Calkins A, Wallace DP, **Connelly M**. Psychosocial predictors of school functioning in a pediatric chronic pain population. Poster presentation at the Society for Pediatric Psychology Conference, Atlanta, GA, April 14-16, 2016.

Schurman, J., **Connelly, M.**, & Karazsia, B. Evaluation of CALI-21 items for daily measurement of functional limitation in pediatric chronic pain. Poster presented at the Annual Convention of the American Psychological Association, Toronto, ON, Canada, August, 2015.

**Connelly, M.**, Bromberg, M., Gil, K., Schanberg, L., & Anthony, K. Daily variations in parent pain responses predict pain intensity in youth with arthritis. Poster presented at the International Symposium on Pediatric Pain, Seattle, WA, June, 2015.

**Connelly, M.**, Calkins, A., & Wallace, D. Can we predict which treatment-seeking youth with chronic pain will require an intensive pain rehabilitation program? Poster presented at the International Symposium on Pediatric Pain, Seattle, WA, June, 2015.

**Connelly, M.**, Weiss, J., for the CARRA Registry Investigators. A comparison of pain, disability, and their association in youth with juvenile fibromyalgia versus pediatric rheumatologic disease: Results from the Child Arthritis and Rheumatology Research Alliance Registry. Poster presented at the International Symposium on Pediatric Pain, Seattle, WA, June, 2015.

**Connelly, M.**, Anthony, K., Bromberg, M., Gil, K., Stinson, J., & Schanberg, L.E. Pain-LESS technology: Leveraging eHealth to understand and manage persistent pain in youth with chronic arthritis. Symposium paper presented at the Society of Behavioral Meeting 36<sup>th</sup> Annual Meeting, San Antonio, TX, April, 2015.

Schurman, J.V., Parker, J., Wallace, D., **Connelly, M.**, Deacy, A., Johnson, R., Anson, L., Williams, K., & Mroczka, K. Using quality improvement methods to increase use of evidence-based pain prevention during routine childhood immunization: The QUIT Pain experience. Oral presentation at the Society of Pediatric Psychology Annual Conference, San Diego, CA, April, 2015.

Weiss, J.E., Hoffart, C., Schikler, K., Boneparth, A., & **Connelly, M**. Symptom and treatment characteristics of Juvenile Primary Fibromyalgia Syndrome: are males and females created equal. Poster presented at ACR/ARHP Annual Meeting, Boston, MA, November, 2014.

**Connelly, M.**, Hoffart, C., Schikler, K., Boneparth, A., & Weiss, J.E. Changes over time in symptoms and treatment of Juvenile Primary Fibromyalgia Syndrome. Poster presented at: Pediatric Rheumatology Symposium, Orlando, FL, April, 2014

Weiss, J.E., Hoffart, C., Schikler, K., Boneparth, A., & **Connelly, M.** Symptom and treatment characteristics of Juvenile Primary Fibromyalgia Syndrome in the CARRA Registry: are males and females created equal. Poster presented at: Pediatric Rheumatology Symposium, Orlando, FL, April, 2014.

**Connelly, M.** Optimizing health outcomes through emotion regulation in youth with Juvenile Idiopathic Arthritis. Oral presentation as part of the symposium, "Self-regulation and chronic illness management across childhood and adolescence," Society for Pediatric Psychology Conference, Philadelphia, PA, March, 2014.

Bromberg, M.H., **Connelly, M.**, Anthony, K.K., Gil, K.M., Schanberg, L.E. The role of emotion recovery in the momentary association between sleep quality and pain intensity in youth with Juvenile Idiopathic Arthritis. Poster presentation at the Society for Pediatric Psychology Conference, Philadelphia, PA, March, 2014.

**Connelly, M.** PreMOTE app for smart pain coping in children and adolescents with JIA. Oral presentation as part of the symposium "Pain: there is an app for that," International Symposium on Pediatric Pain, Stockholm, Sweden, June, 2013.

**Connelly, M.**, Fulmer, R.D., Prohaska, J., Anson, L., Dryer, L., Schwend, R. Predictors of pain trajectories after spinal fusion surgery for idiopathic scoliosis. Poster presentation at the International Symposium on Pediatric Pain, Stockholm, Sweden, June, 2013.

Hallman, M., **Connelly, M.** How does the perception of certain treatments affect adherence in children with chronic pain? Poster presentation at the Annual Meeting of the American Pain Society, New Orleans, LA, May, 2013.

Brown, J., Nikols, C., **Connelly, M.**, Weigel, J., Neville, K. Developmental Changes of Normal Pupil Size and Reactivity in Children 1-17 Years. Poster presentation at the Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Indianapolis, IN, March, 2013.

**Connelly, M.** Methods for phenotyping pain: real-time assessment and objective measures of function. Invited oral presentation as part of the American College of Rheumatology Clinical Research Conference: Pain Research, Washington, DC, November 2012.

Bromberg, M.A., **Connelly, M.**, Anthony, K.K., Gil, K.M., Schanberg, L.E. Frequent self-reported pain and disease symptoms in Juvenile Idiopathic Arthritis persist despite advances in medication therapies: an electronic diary study. Poster presented at American College of Rheumatology Annual Meeting, Washington, DC, November, 2012.

**Connelly, M.** Harnessing technology for pediatric headache self-management: what business do we have? Oral presentation as part of symposium, "Lessons learned from implementing eHealth interventions: logistical and process issues," American Psychological Association, Orlando, FL, August, 2012.

**Connelly, M.** What can (electronic) pain diaries tell us about patterns, predictors, and consequences of persistent pain in children? Oral presentation as part of a symposium, "Making sense of pain diary data: Implications for clinical practice and clinical trial design," Canadian Pain Society Annual Conference, Whistler, BC, May, 2012.

Wallace, D. P., Anson, L., Kessler, E. D., **Connelly, M.**, & Schurman, J. V. Do parents really want pain prevention strategies for immunizations? Poster presented at the American Pain Society Annual Conference in Honolulu, Hawaii, May, 2012.

**Connelly, M.**, Anthony, K., Bromberg, M. H., Franks, L., Gil, K. M., Schanberg, L. E. Emotion regulation predicts pain and functioning in children with Juvenile Idiopathic Arthritis. Poster presented at the American College of Rheumatology: Pediatric Rheumatology Symposium, Miami, FL, June, 2011

Jibb, L, Stinson, J, **Connelly, M**, Chalom, E, Chira, P, Schanberg, L, Rapoff, M, Walco G. Ask me where it hurts: A comparison of mediums for implementing uniform pain assessment in paediatric rheumatology practice. Poster presented at the American College of Rheumatology: Pediatric Rheumatology Symposium, Miami, FL, June, 2011

**Connelly, M.**, Wallace, D.P., Cushing, C.C., Lathrom, N., Schurman, J.V. Tracking of pain in children with daily diaries: what questions should be asked? Poster presented at the 30<sup>th</sup> Annual Scientific Meeting of the American Pain Society, Austin, TX, May, 2011.

**Connelly, M.**, Fulmer, R. D., Smith, A., Anson, L., Poull, J. Predictors of pre-operative and post-operative quality of life in children and adolescents undergoing spinal fusion surgery for Idiopathic Scoliosis. Oral presentation at the National Conference in Pediatric Psychology, San Antonio, TX, April, 2011.

Rapoff, M. A., **Connelly, M.**, Belmont, J. M., Lootens, C. C., Karlson, C. W. Headstrong intervention for recurrent pediatric headache. Poster presentation at the National Conference in Pediatric Psychology, San Antonio, TX, April, 2011.

Bromberg, M. H., Anthony, K. K., **Connelly, M.**, Franks, L., Gil, K., Schanberg, L. E. Sleep and perceptions of child vulnerability in caregivers of children with Juvenile Idiopathic Arthritis. Poster presentation at the National Conference in Pediatric Psychology, San Antonio, TX, April, 2011.

Cushing, C. C., **Connelly, M.**, Wallace, D. P., Drews, A. A., Schurman, J. V. Feasibility and acceptability of an online pain diary for children and adolescents. Poster presentation at the National Conference in Pediatric Psychology, San Antonio, TX, April, 2011.

Schurman, J., **Connelly, M.**, Cushing, C.C., Wallace, D. P., & Drews, A. A., Multilevel modeling analysis of daily pain diary data: predictors of pain and functional impairment. Poster presentation at the National Conference in Pediatric Psychology, San Antonio, TX, April, 2011.

Lumley, M.A., Keefe, F.J., Slatcher, R., Mosley-Williams, A., Rice, J., Mayo, A., Kalaj, A., Carty, J., McKee, D., **Connelly, M.**, Waters, S., Cohen, J., Neely, L., & Stevenson, J. The RAISED Trial: Effects of coping skills training and written emotional disclosure on daily diary outcomes of patients with rheumatoid arthritis. Oral presentation at the annual meeting of the American Psychosomatic Society, San Antonio, Texas, March, 2011.

**Connelly, M.**, Bromberg, M. H., Anthony, K. K., Franks, L., Gil, K. M., Schanberg, L. E. Daily electronic reports of pain and activity difficulties in children with JIA versus children with other rheumatic diseases. Oral presentation at the American College of Rheumatology Annual Scientific Meeting, Atlanta, GA, November, 2010.

Bromberg, M.H., Valrie, C.R., **Connelly, M.**, Anthony, K.K., Franks, L., Gil, K.M., Schanberg, L.E. Sleep in polyarticular juvenile idiopathic arthritis: an electronic daily diary study. Oral presentation at the American College of Rheumatology Annual Scientific Meeting, Atlanta, GA, November, 2010.

Jibb, L, Stinson, J, **Connelly, M**, Chalom, E, Chira, P, Schanberg, L, Rapoff, M, Walco G. Ask me where it hurts: A comparison of mediums for implementing uniform pain assessment in paediatric rheumatology practice. Poster presentation at the Canadian Child Health Clinician Scientist Program 8<sup>th</sup> Annual National Symposium, October 15, 2010.

**Connelly, M.** What a pain arthritis can be: toward improving the pain experience of youth with Juvenile Idiopathic Arthritis. Invited oral presentation at the Canadian Arthritis Network Annual Scientific Meeting, Gatineau, QC, September, 2010.

Jibb, L., Stinson, J., **Connelly**, M., Chalom, B., Chira, P., Schanberg, L., Rapoff, M., & Walco, G. Ask me where it hurts: A comparison of mediums for implementing uniform pain assessment in paediatric rheumatology practice. Poster presentation at the Canadian Arthritis Network Annual Scientific Meeting, Gatineau, QC, September, 2010.

**Connelly, M.**, Franks, L., Bromberg, M. H., Anthony, K. K., Gil, K., Schanberg, L. E. Functional limitation in JIA: A matter of pain or disease severity? Poster presentation at the 17th Pediatric Rheumatology European Society Congress, Valencia, Spain, September, 2010.

**Connelly, M.** Managing pediatric chronic pain in the school environment. Poster presentation at the National Association of School Nurses' 42nd Annual Conference, Chicago, IL, June, 2010.

**Connelly, M.** The effect of pain and analgesic expectancies on postoperative pain in children: Are all expectancies created equal? Poster presentation at the 13<sup>th</sup> World Congress on Pain, Montreal, Canada, August, 2010.

Neville K, **Connelly M.** Pupillometry: a pharmacodynamic tool to measure opioid analgesia in pediatrics. Oral presentation at the Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics, Atlanta, 2010.

**Connelly M.**, Stinson, J., McGrath, PJ. Double click on health: use of interactive health communication applications for managing pain in children. Symposium presentation at the International Symposium on Pediatric Pain, Acapulco, 2010.

**Connelly M**, Anthony K, Hood M, Gil K, Schanberg L. Parent pain responses as predictors of daily activities and mood in children with Juvenile Idiopathic Arthritis. Poster presentation at the International Symposium on Pediatric Pain, Acapulco, March, 2010.

**Connelly M**, Griggs R, Anderson R, Neville, K. Measures of pediatric pain intensity in the inpatient hospital setting: Are they comparable? Poster presentation at the International Symposium on Pediatric Pain, Acapulco, , March 2010.

Neville K, **Connelly M**, Anderson R, Griggs R. Clinical applications of quantitative pupillometry: What can children's eyes tell us about pain and treatment response? Poster presentation at the International Symposium on Pediatric Pain, Acapulco, March, 2010

Stinson J, **Connelly M.** Ask Me Where it Hurts?: Developing a standardized approach to the assessment of pain in children and youth presenting to pediatric rheumatology providers. Poster presentation at the International Symposium on Pediatric Pain, Acapulco, March, 2010.

Lumley, M.A., Keefe, F.J., Mosley-Williams, A., Rice, J., Mayo, A., Kalaj, A., Carty, J., McKee, D., **Connelly, M.**, Waters, S., Cohen, J., Neely, L., & Stevenson, J. The RAISED Trial (Rheumatoid Arthritis Instruction in Skills and Emotional Disclosure): Main effects of coping skills training and written emotional disclosure. Oral presentation at the annual meeting of the American Psychosomatic Society, Portland, March, 2010.

Stinson J, **Connelly M**, Chalom E, Chira P, Schanberg L, Rapoff MA, Walco G, Tse S, Spiegel L. 'Ask me where it hurts': Developing a standardized approach to the assessment of pain in children and youth presenting to pediatric rheumatology providers. Poster presentation at the American College of Rheumatology Annual Scientific Meeting, Philadelphia, 2009.

**Connelly M**, Miller T, Anderson R, Gerry G, Bickel J. Empirically evaluating putative headache triggers in children using real-time electronic sampling. Oral presentation at the Midwest Pediatric Psychology Conference, Kansas City, 2009.

**Connelly M.**, Stinson J, and Palermo T. Use of e-Health Technologies in the Assessment and Management of Pediatric Pain. Symposium presentation at the American Pain Society, Tampa, 2008.

**Connelly M**, Anthony K, Schanberg L, Gil K. Use of electronic diaries in tracking parent responses to pain in children with juvenile idiopathic arthritis. Paper presentation at the American College of Rheumatology Conference, Boston, 2007.

**Connelly, M.**, Anthony, K., Schanberg, L., Wootton, J., Ritgers, S. The effect of caregiver perceptions of child vulnerability on functioning and health care utilization in children with chronic pain. Poster presentation at the 7<sup>th</sup> International Symposium on Pediatric Pain (ISPP), Vancouver, 2006.

**Connelly, M.** Distinguishing clinical levels of depression in children with chronic pain syndromes: influence of caregiver depression and child coping strategies. Poster presentation at the 7<sup>th</sup> International Symposium on Pediatric Pain (ISPP), Vancouver, 2006.

**Connelly, M.** Computer-based behavioral intervention for recurrent pediatric headache. Oral presentation at the 12<sup>th</sup> International Headache Congress, Kyoto, Japan, October, 2005.

**Connelly, M.**, & Rapoff, M. A. Assessing quality of life in children with recurrent headache: Reliability and validity of the PedsQL™ 4.0 in a pediatric headache sample. Poster presentation at the International Forum for Pediatric Pain Conference, Nova Scotia, Canada, 2004.

Rapoff, M.A., & **Connelly, M.** Alternative therapies for pediatric populations/Headstrong intervention. Platform oral presentation at Advances in Prevention and Management of Migraine Headaches, Boston, MA, 2004.

**Connelly, M.**, Rapoff, M. A., Thompson, N., & Connelly, W. A pilot study of a computer-based intervention for recurrent pediatric headache. Oral presentation at the Society of Pediatric Psychology Conference, Charleston, SC, 2004.

**Connelly, M.**, Wagner, J. L., Brown, R.T., Riddell, C., Wall, B., & Taylor, L. Informant discrepancy in perceptions of sickle cell disease status. Oral presentation at the Society of Pediatric Psychology Conference, Charleston, SC, 2004.

Wagner, J.L., **Connelly, M.**, Brown, R. T., Riddell, C., Wall, B., & Taylor, L. Predictors of social anxiety in sickle cell disease. Oral presentation at the Society of Pediatric Psychology Conference, Charleston, SC, 2004.

**Connelly, M.**, & Pomeroy, E. Quality of life and symptom outcomes in hospitalized psychiatric patients. Poster presentation at the Annual Psychology Conference, Brock University, St. Catharine's, Ontario, 1998.

**Connelly, M.**, & Segalowitz, B. The effect of social adaptation on mental and physical health in first year college students. Oral presentation at the Annual Psychology Conference, Brock University, St. Catharine's, Ontario, 1997.

### **PROFESSIONAL MEMBERSHIPS**

Member, Society for Pediatric Research (American Pediatric Society)

Member, Pediatric Research Network for Pain (PRN-Pain)

Member, Canadian Institutes of Health Research (CIHR) Strategic Training Program: Pain in Child Health

Member, American Psychological Association Member,

APA Division 54 (Pediatric Psychology) Member,

International Association for the Study of Pain

Member, Childhood Arthritis and Rheumatology Research Alliance (CARRA)

Honorary Member, National Headache Foundation

### **ACADEMIC COMMITTEES/CLUBS**

Chair, Pain Subcommittee, Child Arthritis and Rheumatology Research Alliance (2013-Present)

Steering Committee Member, Child Arthritis and Rheumatology Research Alliance (2013-Present)

Special Emphasis Panel Review Committee Member for Intramural Awards, Children's Mercy (2010-Present)

Member, Office of Faculty Affairs Advisory Committee, Children's Mercy Hospital (2010-2015)

Vice-Chair, Hospital Education and Research Committee, Children's Mercy Hospital (2006-2009)

Member, Pain Protocol Evaluation Committee, Child Arthritis and Rheumatology Research Alliance (2006-Present)

Member, Scholarship Oversight Committee for Clinical Pharmacology ACGME Fellowship (2011-Present)

Member, Scholarship Oversight Committee for Developmental and Behavioral Sciences ACGME Fellowship (2008-Present)

Summer Scholars Program Review Committee, Children's Mercy Hospital (2008-2009)

Kenneth and Eva Smith Foundation Clinical Scholar Award in Health Outcomes Research Review Committee, Children's Mercy Hospital (2008)

Developmental and Behavioral Sciences Research Steering Committee, Children's Mercy Hospital (2006-Present)

### **JOURNAL REVIEWS**

Pediatric action editor/associated editor and reviewer, *Clinical Journal of Pain*

Editorial board member and review mentor, *Journal of Pediatric Psychology*

Associate editor, *Pain* (2008-2014)

Reviewer, *Journal of Pain*

Reviewer, *Journal of the American Medical Association (JAMA)*

Reviewer, *Health Psychology*

Reviewer, *Nature Clinical Practice Rheumatology*

Reviewer, *Journal of Psychosomatic Research*

Reviewer, *Pediatric Pain Newsletter*

Reviewer, *Arthritis and Rheumatology*

### **EXTRAMURAL GRANT REVIEW PANELS**

Early Career Reviewer Program, Center for Scientific Review at National Institutes of Health

Nova Scotia Health Research Foundation

American Psychological Association Division 54 Targeted Research Program

### **VOLUNTEER ACTIVITIES**

Boy Scouts – Den Leader in Troop 3191

Church of the Resurrection Volunteer Staff

Heartland Community Church Youth Ministry

### **OTHER ACTIVITIES AND INTERESTS**

Professional musician

- Life Church: 2015 - Present
- “Musivo Live” (Allstar Productions, Inc.): 2010-Present
- “Atlantic Express” (Garry Mac Productions, Inc.): 2001-2010

### **PROFESSIONAL REFERENCES**

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