

## **CURRICULUM VITAE**

Emily MacDonald Fredericks, Ph.D.

Associate Professor, Clinical Track  
Department of Pediatrics  
University of Michigan Medical School  
C.S. Mott Children's Hospital

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### **Education and Training**

- 8/1993-5/1997 Saint Mary's College, Notre Dame, Indiana  
Bachelor of Arts, Magna cum Laude  
Major: Psychology
- 8/1998-12/2000 Western Michigan University, Kalamazoo, Michigan  
Masters of Arts, Clinical Psychology (APA Accredited)  
Thesis Title: "The relationship among the stimulus functions and the clinical effects of methylphenidate in children diagnosed with Attention Deficit Hyperactivity Disorder"  
Advisor: Scott H. Kollins, PhD
- 12/2000-6/2003 Western Michigan University, Kalamazoo, Michigan  
Doctor of Philosophy, Clinical Psychology (APA Accredited)  
Dissertation Title: "An evaluation of methylphenidate preference in adults diagnosed with ADHD"  
Advisors: Scott H. Kollins, PhD, Galen Alessi, PhD
- 7/2002-6/2003 Duke University Medical Center, Durham, North Carolina  
Clinical Psychology Internship  
Pediatric Psychology Track (APA Accredited)
- 9/2003-8/2005 Postdoctoral Fellow, Pediatric Psychology, Department of Pediatrics  
University of Michigan Medical School, Ann Arbor, Michigan

### **Certification and Licensure**

- 7/2005 State of Michigan – Licensed Psychologist (#6301012365)

### **Academic, Administrative, and Clinical Appointments**

- 5/1997-8/1998 Consultant, Genesys Hillside Behavioral Center, Flint, Michigan
- 5/2001-5/2002 Pediatric Psychologist, Behavioral and Developmental Pediatrics,  
Michigan State University/Kalamazoo Center for Medical Studies,  
Kalamazoo, Michigan

9/2005-9/2011	Director of Clinical Training, Pediatric Psychology, Division of Child Behavioral Health, Department of Pediatrics, University of Michigan Medical School and C.S. Mott Children's Hospital
6/2006-present	Adjunct Assistant Professor, Department of Psychology, College of Literature, Science and the Arts, University of Michigan
9/2005-8/2012	Assistant Professor, Clinical Track, Department of Pediatrics and Communicable Diseases, Division of Child Behavioral Health, University of Michigan Medical School and C.S. Mott Children's Hospital
4/2011-8/2015	Section Chief of Pediatric Psychology, Division of Child Behavioral Health, Department of Pediatrics, University of Michigan Medical School and C.S. Mott Children's Hospital
9/2012-present	Associate Professor, Clinical Track, Department of Pediatrics and Communicable Diseases, Division of Pediatric Psychology, University of Michigan Medical School and C.S. Mott Children's Hospital
1/2013-present	Research Faculty, Child Health Evaluation and Research Unit, University of Michigan, Ann Arbor, MI
9/2015-present	Associate Director, Division of Pediatric Psychology, Department of Pediatrics, University of Michigan Medical School and C.S. Mott Children's Hospital

## Research Interests

1. Medication Adherence in Pediatric Transplantation
2. Transition from Pediatric to Adult Centered Health Care
3. Behavioral Health Interventions for Children with Chronic Illnesses
4. Mobile Technology in the Management of Pediatric Chronic Illness
5. Health Related Quality of Life in Children with Liver Disease and Transplantation
6. Impact of Sleep Disorders on Health Outcomes in Pediatric Chronic Illness

## Grants

### Present and Active Federally-Funded

9/18/2015- 08/31/18 Co-Investigator (PI: Alison Miller, PhD). Targeting Self-Regulation to Promote Adherence and Health Behaviors in Children. NIH (1UH2HD087979). Total direct costs: \$2,196,353.34

6/1/2009-5/31/2019 Co-Investigator (PI: John C. Magee, MD). Childhood Liver Disease Research and Education Network Data Coordinating Center. NIH/NIDDK (2U01-DK-062456-13 revised). Total direct costs \$2,800,068

### Present and Active Non-Federally Funded

7/2012- present Co-Investigator (Co-PIs: Susan J. Woolford, MD, MPH and Joyce M. Lee, MD, MPH). Child Health Evaluation and Research (CHEAR) Program Initiative. Program on Mobile Technology in Child Health. \$20,000

3/2013- present	Co-Investigator (Co-PIs: Susan J. Woolford, MD, MPH and Joyce M. Lee, MD, MPH). "M2Tech, Mott Mobile Technology for Enhancing Child Health." Charles Woodson Clinical Research Fund, Pediatric Research Discovery and Clinical Application Funding Program. \$129,626
6/2015-6/2016	Consultant (PI: Katie Devine, PhD). "Peer Mentoring to Promote Follow-Up Care Self-Management for AYA Childhood Cancer Survivors". Rutgers Cancer Institute of New Jersey. \$50,000
7/2015-6/2016	Consultant (PI, Lisa Schwartz, PhD). "THRIVE 2.0: An mHealth Intervention to Promote Health for AYA off Treatment." Supportive Care Grant. Baldrick's Foundation. \$55,251.
4/2016 – 4/2016	Co-Investigator (PI: Melissa Cousino, PhD). "Decision Making in Adolescents and Young Adults Pre-and Post-Heart Transplantation". ISHLT Nursing, Health Sciences and Allied Health Research Grant Award. \$12,000.
<u>Previous Grants</u>	
1/2000–9/2005	Co-investigator. UMHS Medicaid Demonstration Project (Parent Grant) Susan Bratton Project Director "Intensive Therapy and Self-Management Training in Medicaid Pediatric Patients with Diabetes Mellitus Type I" (PI: Lisa Opirari, PhD). Michigan Department of Community Health. \$1,054,600.
5/2002-4/2003	Co-investigator. "Hypoglycemia and Quality of Life: Comparison of Insulin Therapies in Pre-School Age Children" (PI: Carol Foster, MD). University of Michigan Medical School, CS Mott Research Fund. \$15,000.
9/2003-8/2005	Co-investigator. "An Investigation of the Impact of Family Functioning on Adherence and Clinical Outcomes in Pediatric Liver Transplant Patients" (PI: Lisa Opirari, PhD). University of Michigan Medical School, Department of Pediatrics. \$5000
9/2003-8/2005	Co-investigator. "The Role of Family Functioning in Predicting Treatment Adherence and Clinical Outcomes in Pediatric Liver Transplant Patients" (PI: Lisa Opirari, PhD). University of Michigan Medical School, CS Mott Research Fund. \$20,000.
9/2005-9/2008	Principal Investigator. "An Investigation of Psychosocial Functioning and Adherence among Adolescent Liver Transplant Recipients". IDEA Grant. Division of Child Behavioral Health, Department of Pediatrics, University of Michigan Medical School, \$5000.
1/2007-2/2012	Principal Investigator. "A Prospective Assessment of Psychological Predictors of Health Outcomes in Pediatric Solid Organ Transplantation." C.S. Mott Golf Classic Award. Department of Pediatrics, University of Michigan Medical School, \$15,000.

- 1/2008-5/2009 Consultant. "Biliary Atresia Research Consortium (BARC): Data Coordinating Center" (PI: John C. Magee, MD). NIH/NIDDK (1U01DK062456-01). Total directs \$2,634,534.
- 5/2008-4/2012 Principal Investigator "An Intervention to Target Adherence in Pediatric Solid Organ Transplant Recipients" Office of the Vice President for Research (OVPR). Total directs \$21,856.
- 10/2008-8/2010 Faculty Sponsor, "ChildCope Program". FRIENDS of the University of Michigan Hospitals and Health Centers (PI: Matthew Myrvik, PhD, Dawn Dore-Stites, PhD), \$1494.
- 1/2009-8/2011 Co-Investigator/Faculty Sponsor, "Health Literacy and Health Outcomes in Pediatric Liver Transplantation" (PI: Dawn Dore-Stites, PhD), Department of Pediatrics, Division of Child Behavioral Health, \$6590.
- 4/2009-3/2011 Site Principal Investigator, "Functional Outcomes in Pediatric Liver Transplantation". NIH/NICHHD (1 R01 HD045694-01, PI Estella Alonso, MD), Subcontract to Children's Memorial Hospital. Total direct costs: \$21,750.
- 5/2009-8/2011 Principal Investigator. "Self-Management and Transition Readiness in Adolescent Liver Transplant Recipients". NCCR/CTSA (UL1RR024986). KL2 Mentored Scholars Program. Michigan Institute for Clinical and Health Research (MICHHR). Total direct costs: \$110,000.
- 5/2010–2/2013 Principal Investigator, Child Behavioral Health Pilot Grant, "Transition Readiness and Medication Adherence in Pediatric Transplant Recipients." UM Department of Pediatrics, Division of Child Behavioral Health. \$10,000.
- 9/1/2012-8/2013 Principal Investigator. "iSTART: Individualized Self-management Training in Adolescent/Young Adult Recipients of Transplant." University of Michigan CHCR Developmental Award funded by Michigan Center for Health Communications Research II (P50 CA101451; PI: Victor J. Strecher). \$32,652
- 11/2013-10/2014 Faculty Mentor (PI, Jacob Bilhartz, MD, Pediatric GI Fellow). "Assessing allocation of responsibility, adherence, and readiness for transition in pediatric liver transplant patients." University of Michigan Charles Woodson Pediatric Biostatistics Fund. \$1000
- 1/1/2013-4/1/2015 Co-Principal Investigator (Co-PIs: Michelle Meade, PhD and Kenneth Resnicow, PhD). Incorporating Adherence into the System: Development and Evaluation of a strategy to assess and promote adherence among pediatric and young adult patients. University of Michigan MCubed Program. \$60,000.
- 9/1/2011-8/31/2015 Principal Investigator. Tailored Medication Adherence Program for Adolescent Liver Transplant Recipients. NIH/NIDDK (5K23DK090202-02). Total direct costs: \$440,542.

## Honors and Awards

1997	Psi Chi Research Award, Saint Mary's College, Notre Dame, IN
1993-1997	Presidential Merit Scholarship, Saint Mary's College, Notre Dame, IN
1993-1997	Dean's List, Saint Mary's College, Notre Dame, IN
1997	Magna Cum Laude, Saint Mary's College, Notre Dame, IN
2000	Graduate Student Research Travel Award. Western Michigan University
2000	Graduate Opportunity for Long-Term Development (GOLD) Award, Western Michigan University
2001	Research and Creative Scholar Award, Western Michigan University
2001	Kalamazoo Community Medical and Health Research Conference, Poster Presentation Award, Kalamazoo, MI
2007	Travel Award, 4 <sup>th</sup> Congress of the International Pediatric Transplant Association (IPTA)
2009-11	KL2 Scholars Award, Michigan Institute for Clinical Research (MICHCR)
2011	American Transplant Congress Poster of Distinction, "Adherence and Health Outcomes following the Transfer from a Pediatric to Adult Liver Transplant Clinic."

## Membership in Professional Societies

2003-present	American Psychological Association
2003-present	Division 54 of the American Psychological Association, Society of Pediatric Psychology
2007-present	International Pediatric Transplant Association
2009-present	Studies of Pediatric Liver Transplantation (SPLIT) Registry, Research Committee
2010-present	American Society of Transplantation
2011-present	American Society of Transplantation, Pediatric Community of Practice
2012-present	Division 38 of the American Psychological Association, Health Psychology
2013-present	Division 12 of the American Psychological Association, Society of Clinical Psychology
2013-present	Section VIII of Division 12 of the American Psychological Association, Association of Psychologists in Academic Health Centers (APAHC)
2014-present	American Society of Transplantation, Psychosocial Community of Practice

## Editorial Positions, Boards and Peer-Review Service

### Board Positions

2013-2014	Society of Pediatric Psychology Board of Directors, Annual Conference Co-Chair
2014-2015	Society of Pediatric Psychology Board of Directors, Annual Conference Chair

### Editorial Positions

2008	Editorial Review Board, Handbook of Pediatric Psychology (4th edition)
2013-present	Editorial Review Board, Journal of Pediatric Psychology
2013-present	Editorial Review Board, Pediatric Transplantation

### Peer-Review, Journals

2000-present	Pediatrics
2000-2002	International Pediatrics

2000-2002 Indian Journal of Pediatrics  
 2005 Journal of Child and Adolescent Psychopharmacology  
 2007-present American Journal of Transplantation  
 2007-present Pediatric Transplantation  
 2009-present Journal of Pediatric Psychology  
 2010-present Health and Quality of Life Outcomes  
 2010-present Journal of Psychosomatic Research  
 2012-present Transplantation  
 2013 Journal of Adolescent Health  
 2014-present Health Psychology

Peer-Review, Conference Abstracts

2009 The American Transplant Congress, Psychosocial and Compliance Issues  
 2012 Midwest Regional Conference on Pediatric Psychology  
 2013 National Conference on Pediatric Psychology  
 2013 American Psychological Association (APA) Conference, Division 54  
 2014 Society of Pediatric Psychology Annual Conference

Grant Study Section

2008 SickKids Foundation, Hospital for Sick Children, Toronto  
 2011 Mazankowski Alberta Heart Institute, Edmonton  
 2013 Childhood Liver Disease and Education Network (ChiLDREN)

**Teaching**

Department of Psychology, Western Michigan University, Kalamazoo, Michigan

5/1999-6/1999 Graduate Teaching Assistant, Child Psychology Course  
 8/1999-5/2002 Instructor, Child Psychology Course  
 8/2001-5/2002 Coordinator, Child Psychology Course

Department of Pediatrics, MSU/KCMS, Kalamazoo, Michigan

8/2001 Department of Pediatrics Resident Seminar, "Interpreting Psychological Reports"  
 5/2001-5/2002 Behavioral and Developmental Pediatrics Resident Lecture Series, Weekly lectures in areas of psychological assessment, psychosocial interviewing, child development, developmental psychopathology, principles of behavior management  
 5/2001-5/2002 Supervision and mentoring of psychology practicum students

Department of Pediatrics, University of Michigan Medical School, Ann Arbor, Michigan

*Pediatric Psychology Fellowship*

9/2005-9/2011 Director of Clinical Training, Pediatric Psychology Postdoctoral Fellowship, Division of Child Behavioral Health  
 8/2007-8/2009 Research Mentor and Clinical Supervisor, Pediatric Psychology Fellow (Dawn Dore-Stites, PhD)  
 8/2008-8/2010 Clinical Supervisor and Research Co-mentor, Pediatric Psychology Fellow (Matthew Myrvik, PhD)  
 11/2009-8/2011 Clinical Supervisor, Pediatric Psychology Fellow (Kavita Desai, PhD)  
 9/2009-8/2012 Clinical Supervisor, Pediatric Psychology Fellow (Amy Drayton, PhD)  
 9/2011-8/2013 Clinical Supervisor, Pediatric Psychology Fellow (Melissa Andersen, PhD)  
 9/2012-8/2014 Clinical Supervisor, Pediatric Psychology Fellow (Rachel Knight, PhD)  
 9/2013-8/2015 Clinical Supervisor, Pediatric Psychology Fellow (Christina Limke, PsyD)

9/2015-present Clinical Supervisor, Pediatric Psychology Fellow (Andrew Cook, PhD)

*Pediatric Psychology Interns*

3/2015-8/2015 Clinical Supervisor, Pediatric Psychology Intern (Jessica Sevecke, MA)

*Pediatric Psychology Practicum*

9/2005-7/2008 Director of Clinical Training, Pediatric Psychology Practicum, Division of Child Behavioral Health  
9/2005-7/2008 Clinical Supervisor, Pediatric Psychology Student (Elizabeth Kuhl, MS)  
3/2010-8/2010 Clinical Supervisor, Pediatric Psychology Student (Angela Maupin, MA)  
1/2011-8/2011 Clinical Supervisor, Pediatric Psychology Student (Amy Olszewski, MA)  
9/2015-present Clinical Supervisor Pediatric Psychology Students (Lauren Harrison, MA, Rachel Kentor, MA, and Sharon Lo, MA)

*Medical Students, House Officers, and Fellows*

1/2004-9/2005 Developmental and Behavioral Pediatrics Rotation, Monthly Resident Lecture "The Pediatrician's Role in School Service Planning"  
9/2005-5/2006 Developmental and Behavioral Pediatrics Rotation, Monthly Resident Lecture "Behavior Assessment and Behavior Management for Parents"  
6/2009 Lecture to Pediatric House Officers. "Developmental Issues with Chronic Illnesses and Adolescents"  
9/2005-8/2009 Attending psychologist, Pediatric Multidisciplinary Sleep Clinic  
9/2005-present Attending psychologist, Pediatric Liver Transplant Clinic  
5/2006-8/2013 Developmental and Behavioral Pediatrics Rotation, Monthly Resident Lecture "Pediatric Sleep Disorders"  
6/2011 Lecture to Pediatric House Officers. "Developmental Issues and Chronic Illness."

*Research Advisory Committees*

8/2008-7/2009 Research Co-mentor, Medical Student (Jennifer Paruch, BS)  
4/2008-6/2010 Research Co-mentor, Pediatric Gastroenterology Fellow (Sheyla Calderon, MD)  
2/2009-8/2010 Research Advisor, Pediatric Gastroenterology Fellow (Majdi Abu-Salih, MD)  
7/2011-8/2011 Research Co-mentor, Pediatric Gastroenterology Fellow (Kerry Mychaliska, MD)  
9/2010-8/2012 Research Co-mentor, Pediatric Psychology Fellow (Amy Drayton, PhD)  
9/2011-8/2013 Research Mentor, Pediatric Psychology Fellow (Melissa Andersen, PhD)  
1/2012-6/2014 Research Co-mentor, Pediatric Gastroenterology Fellow (Jacob Bilhartz, MD)  
9/2014-present Research Advisor, Health Services Research Fellow (Emily Whitfield, MD)

*Intramural Lectures*

9/2007 Pediatric Sleep Disorders. Pediatric Psychology Clinical Conference. Division of Child Behavioral Health.  
1/2008 Pediatric Solid Organ Transplantation. Pediatric Psychology Clinical Conference. Division of Child Behavioral Health.  
2/2008 Professional development in pediatric psychology. Pediatric Psychology Clinical Conference. Division of Child Behavioral Health.

11/2008	Teen pregnancy+chronic illness=challenging conversations. Pediatric Psychology Clinical Conference. Division of Child Behavioral Health.
3/2009	START: Self-management training for adolescent/young adult recipients of transplantation. Pediatric Psychology Research in Progress Seminar. Division of Child Behavioral Health.
12/2009	Development of a Tailored Intervention to Promote Adherence in Adolescent/Young Adult Transplant Recipients. Pediatric Psychology Research in Progress Seminar. Division of Child Behavioral Health.
12/2010	Clinical Case. Division of Child Behavioral Health CME Conferences.
11/2011	Research in progress. Division of Child Behavioral Health CME Conferences.
11/2012	Transition from Pediatric to Adult Care. Division of Child Behavioral Health Trainee-Focused Seminar,
2/2014	Behavioral Research in a Medical Setting, Division of Child Behavioral Health Trainee Focused Seminar
2/2014	Practical Aspects of a Research Career, Division of Child Behavioral Health Trainee Focused Seminar
2/2015	EBT Series, Medical Regimen Adherence Applications, Division of Child Behavioral Health, Pediatric Psychology Seminar
7/2015	Preparing for an Academic Career, Division of Child Behavioral Health, Pediatric Psychology Seminar
1/2016	Clinical Series, Medical Regimen Adherence Part 1, Division of Pediatric Psychology Training Seminar
1/2016	Clinical Series, Medical Regimen Adherence Part 2, Division of Pediatric Psychology Training Seminar

### University of Michigan

#### *Research Supervision*

9/2004-5/2005	Faculty Sponsor, Undergraduate Research Opportunity Program (UROP): Jonathan Dalton, Lauren Winfree
9/2005-5/2006	Faculty Sponsor, UROP: Alyssa Rothwell, Paul Pulice
9/2006-5/2007	Faculty Sponsor, UROP: Andrew Well, Katie DiCosmo
6/2007-12/2010	Faculty Advisor, research assistant: Andrew Well
9/2010-5/2011	Faculty Sponsor, UROP: Radhika Raghunathan
1/2011-6/2013	Faculty Advisor, research volunteer/independent study: Rebecca Gleit
10/2013-8/2014	Faculty Advisor, MCubed, Monica Guo
6/2014-8/2015	Faculty Advisor, research fellow, Jessica Sevecke, MA
10/2014-8/2015	Faculty Advisor, MCubed, Tucker Schumacher
9/2015-present	Faculty Mentor, Department of Psychology Honors Program, Caitlin Schneider

### Web-based Education

4/2008	"Pediatric Transplantation: Complications of Nonadherence and Issues related to Transition to Adulthood." The ASTS Academic Universe. 20 April 2008. The American Society of Transplant Surgeons. <a href="http://www.ASTSUniverse.org">http://www.ASTSUniverse.org</a> .
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## **Committee, Organizational, and Volunteer Service**

### National



6/2005	Invited Participant, Consensus Conference on Transition to Adult Care for Adolescent Transplant Recipients, Chicago, IL
11/2009-present	Member, Research Committee, Studies in Pediatric Liver Transplant (SPLIT)
1/2011-present	Ad hoc Reviewer, Presentation and Publications Committee, Studies in Pediatric Liver Transplant (SPLIT)
4/2011-present	Co-Chair, Division 54 Adherence Special Interest Group (SIG) Committee on Translational Research and Dissemination
4/2011-present	Member, Division 54 Adolescent/Young Adult Transition Special Interest Group (SIG)
4/2011-present	Member, American Society of Transplantation, Pediatric Community of Practice (PCOP)
4/2011-2013	Member, American Society of Transplantation, Community of Allied Health Professionals (COAHP)
5/2011-present	Steering Committee Member, American Society of Transplantation, Joint Adult & Pediatric Transition Workgroup
2/2014-present	Member, American Society of Transplantation, Psychosocial Community of Practice (PSCOP)
2013-2014	Co-Chair, 2014 Society of Pediatric Psychology Annual Conference Planning Committee
2013-2015	Board Member, Division 54 of the American Psychological Association, Pediatric Psychology
2014-2015	Chair, 2015 Society of Pediatric Psychology Annual Conference Planning Committee
2015-2016	Member, 2016 Society of Pediatric Psychology Annual Conference Planning Committee
2015-present	Co-Chair, Health Services Research Seminar Series, Child Health Evaluation and Research (CHEAR) unit, University of Michigan

#### University of Michigan Health System

9/2005-present	Member, Pediatric Liver Transplant Evaluation Committee
9/2005-9/2011	Director, Pediatric Psychology Clinical Training Committee
2/2008-3/2011	Member, C.S. Mott Children's Hospital Psychosocial Services Committee

#### Western Michigan University, Clinical Psychology Student Organization

8/1999-7/2001	Coordinator, Student Mentorship Program
8/2000-7/2001	Coordinator, Brown Bag Lunch Committee
8/2001-6/2002	Coordinator, Internship Committee

### **Visiting Professorships, Seminars and Extramural Invited Presentations**

#### Regional

1. "Academic and Psychosocial Risk Factors in Neurofibromatosis." National Neurofibromatosis Foundation, Michigan Chapter. Frankenmuth, Michigan. October 2003.
2. Implementing Insulin Pump Therapy in Preschoolers with Type I Diabetes Mellitus: A Pilot Investigation of Medical and Quality of Life Outcomes. Pediatric Endocrinology Seminar Series, Department of Pediatrics. University of Michigan Health System, Ann Arbor, MI. July 2004.

3. The STEP Project: Studying Transplant Experiences in Pediatrics. Pediatric Liver Transplant Meeting, Departments of Pediatrics and Surgery, University of Michigan Health System. Ann Arbor, MI April 2005
4. Quality of Life and Adherence in a Pediatric Liver Transplant Population: Preliminary Findings and Future Directions. Pediatric Gastroenterology Seminar Series, Department of Pediatrics, University of Michigan Health System, Ann Arbor, MI. September 2005.
5. The Role of Pediatric Psychology in the Treatment of Functional Abdominal Pain. Pediatric Gastroenterology Seminar Series, Department of Pediatrics, University of Michigan Health System, Ann Arbor, MI. April 2006.
6. Autism, Mental Retardation and Learning Disorders. University of Michigan Medical School 19<sup>th</sup> Annual Pediatric Board Review Course. Ann Arbor, MI. September 2006.
7. The Role of Pediatric Psychology in the Treatment of Functional Abdominal Pain. Pediatric Gastroenterology Seminar Series. Department of Pediatrics. University of Michigan Health System, Ann Arbor, MI. February 2007.
8. Autism and Sleep Problems. University of Michigan Medical School 20<sup>th</sup> Annual Pediatric Board Review Course. Ann Arbor, MI. August 2007.
9. Studies with an IMPACT: Identifying Modifiable Predictors of Adherence in Childhood Transplant. Child Health Evaluation and Research (CHEAR) Unit, Division of General Pediatrics. Department of Pediatrics. University of Michigan Health System, Ann Arbor, MI. October 2007.
10. Autism and Sleep Problems. University of Michigan Medical School 21<sup>st</sup> Annual Pediatric Board Review Course. Ann Arbor, MI. September 2008
11. Study of Transplant Experiences in Pediatrics (STEP): Teen Project. Nonadherence and Quality of Life. University of Michigan Transplant Center Research Rounds, Ann Arbor, MI. October 2008
12. The Transition from Pediatric to Adult-Centered Transplant Care: What's Adherence Got to Do with It? Child Health Evaluation and Research (CHEAR) Unit, Division of General Pediatrics. Department of Pediatrics. University of Michigan Health System, Ann Arbor, MI. December 2008.
13. Pediatric Behavioral Sleep Disorders. The 34<sup>th</sup> Annual Midwinter Family Practice Update, University of Michigan, Department of Family Medicine, Boyne Highlands, MI, February 2010.
14. Transition from Pediatric to Adult-Centered Care. The 34<sup>th</sup> Annual Midwinter Family Practice Update, University of Michigan, Department of Family Medicine, Boyne Highlands, MI, February 2010.
15. Adolescent Development, Chronic Illness and Regimen Adherence. The 34<sup>th</sup> Annual Midwinter Family Practice Update, University of Michigan, Department of Family Medicine, Boyne Highlands, Michigan, February 2010.
16. Pediatric Behavioral Sleep Disorders. Department of Family Medicine Grand Rounds. University of Michigan Health System, Ann Arbor, MI. July 2010.
17. Transition from Pediatric to Adult Transplant Care: Risky Business or Much Ado about Nothing? Department of Pediatrics Grand Rounds. University of Michigan Health System, Ann Arbor, MI. August 2010.
18. iSTART: Tailored Intervention to Increase Medication Adherence in Adolescent Liver Transplant Recipients. Center for Health Communications Research Seminar Series. University of Michigan, Ann Arbor, MI. December 2010.
19. Transition from Pediatric to Adult Transplant Care: Risky Business or Much Ado about Nothing? Department of Pediatrics Grand Rounds. Beaumont Children's Hospital, Royal Oak, MI. May 2011.

20. Pediatric Behavioral Sleep Disorders. Updates in Family Medicine CME course. Presented by University of Michigan Department of Family Medicine and Michigan Academy of Family Physicians. Ann Arbor, MI. October 2011.
21. iSTART me up! Tailoring Technology to Improve Self-management in Adolescent/Young Adult Liver Transplant Recipients. Child Health Evaluation and Research (CHEAR) Unit, Division of General Pediatrics. Department of Pediatrics. University of Michigan Health System, Ann Arbor, MI. December 2012.
22. "Growing up and Growing out of Pediatric Specialty Care: The Case for Transition Programs for Kids with Chronic Medical Conditions." Child Health Evaluation and Research (CHEAR) Unit, Division of General Pediatrics. Department of Pediatrics. University of Michigan Health System, Ann Arbor, MI. March 2014.
23. "Outgrowing Pediatrics: An Exploration of Parent Perceptions of Transition and Self-management Skills." Child Health Evaluation and Research (CHEAR) Unit, Division of General Pediatrics. Department of Pediatrics. University of Michigan Health System, Ann Arbor, MI. November 2014.
24. "Do Tech Tools Help Teen Transplant Recipients? The iSTART Project". Department of Pediatrics Grand Rounds. University of Michigan Health System, Ann Arbor, December 2015.

#### National

1. Psychological Aspects of Transition and Adherence. Visiting Professorship. Northwestern University, Feinberg School of Medicine. Siragusa Transplant Center. Children's Memorial Hospital. Chicago, Illinois. March 2010.
2. The Role of Adherence in the Transition from Pediatric to Adult Centered Care. The Society of Pediatric Psychology, National Conference in Pediatric Psychology. San Antonio, Texas. April 2011.
3. Transition from Pediatric to Adult Transplant Care: Risky Business or Much Ado about Nothing? Visiting Professorship. Pediatric Liver Care Center and The Center for Adherence Promotion and Self-Management. Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. March 2012.
4. Assessment and Mitigation of Failure of Self-Management. 2015 SPLIT Annual Meeting, Cincinnati, Ohio. September 2015.

#### International

1. Nonadherence and the Transition to Adulthood. Association for the Advancement of Liver Disease/International Liver Transplant Society (AASLD/ILTS) Transplant Course. Boston, MA. October 2009.
2. Normal versus Abnormal Emotional Adjustment: A Thin Line? International Pediatric Transplant Association (IPTA) 6th Congress Postgraduate Course. Montreal, Canada. June 2011.
3. Transition – A Pediatric Practitioner's Perspective (OR... They can't/won't take care of my patient the same way!" IPTA Session: The Art and Science of Transition: Transition Nuts & Bolts. Annual Meeting of the American Transplant Congress (ATC). Boston, MA. June 2012.
4. Tackling the psychosocial and quality of life challenges facing the pediatric patient with viral hepatitis. AASLD/NASPGHAN Pediatric Symposium, "New Discoveries, Controversies, and Differences in Pediatric Viral Hepatitis." Boston, MA. November 2012.
5. Psychiatric Illness in SOT: Causes, Recognition, Treatment and Effect on Transplant Outcome. Parallel Workshop 4 - Psychiatric illness in SOT patients. International Pediatric Transplant Association (IPTA) 8th Congress. San Francisco, CA. March 2015

## Bibliography

### Peer-Reviewed Journals and Publications

(\* denotes psychology/medical student, resident, or fellow supervised by Dr. Fredericks)

1. Kollins SH, **MacDonald EK**, Rush CR. Assessing the abuse potential of methylphenidate in nonhuman and human subjects: A review. *Pharmacology, Biochemistry and Behavior*. 2001;68:611–627
2. Brill SR, Patel DR, **MacDonald, EK**. Psychosomatic disorders in pediatrics. *Indian Journal of Pediatrics*, 2001;68:597-603.
3. **MacDonald EK**, Patel DR. Adolescent substance abuse treatment: A primer for pediatricians. *International Pediatrics*, 2002;17(1):5-12.
4. **MacDonald EK**. Principles of behavior assessment and management. *Pediatric Clinics of North America*, 2003;50(4): 801-816.
5. **Fredericks EM**, Kollins SH. Assessing methylphenidate preference in ADHD patients using a choice procedure. *Psychopharmacology*, 2004;175(4):391-398.
6. **Fredericks EM**, Kollins SH. A pilot study of methylphenidate preference assessment in children diagnosed with attention-deficit/hyperactivity disorder. *Journal of Child and Adolescent Psychopharmacology*, 2005;15(5):729-41.
7. **Fredericks EM**, Lopez MJ, Magee JC, Shieck V, Opiari-Arrigan L. Psychological functioning, nonadherence and health outcomes after pediatric liver transplantation. *American Journal of Transplantation*, 2007;7(8):1974–1983.
8. Opiari-Arrigan L, **Fredericks EM**, Burkhart N, Dale L, Hodge M, Foster C. Continuous subcutaneous insulin infusion benefits quality of life in preschool age children with type 1 diabetes mellitus. *Pediatric Diabetes* 2007;8:377–383
9. **Fredericks EM**, Magee JC, Opiari-Arrigan L, Shieck V, Well A\*, Lopez MJ. Adherence and health-related quality of life in adolescent liver transplant recipients. *Pediatric Transplantation* 2008;12(3): 289–299.
10. **Fredericks EM**. Nonadherence and the Transition to Adulthood. *Liver Transplantation*. 2009 Nov;15 Suppl 2:S63-9.
11. Weissberg-Benchell J, Zielinski, T, Rodgers S, Greenley R, Askenazi D, Goldstein SL, **Fredericks EM**, McDiarmid S, Williams L, Limbers CA, Tuzinkiewicz K, Lerret S, Alonso E, Varni JW. Health-Related Quality of Life: Feasibility, Reliability and Validity of the PedsQL™ Transplant Module. *Pediatric Health-Related Quality of Life: Feasibility, Reliability and Validity of the PedsQL™ Transplant Module*. *American Journal of Transplantation*: 2010;10(7):1677-1685.
12. **Fredericks EM**, Dore-Stites D\*. Adherence to immunosuppressants: How can it be improved in organ transplant adolescents? *Current Opinion in Organ Transplantation*: 2010;15(5): 614-620.
13. **Fredericks EM**, Dore-Stites D\*, Magee JC, Well A\*, Shieck V, Lopez MJ. Assessment of Transition Readiness Skills and Adherence in Pediatric Liver Transplant Recipients. *Pediatric Transplantation*. 2010;14(8):944-953.
14. **Fredericks EM**, Dore-Stites D\*, Shieck V, Lopez, MJ, Freed GL, Well A\*, Eder SJ, Magee JC. Transition of Pediatric Liver Transplant Recipients from Pediatric to Adult Care: Patient and Parent Perspectives. *Pediatric Transplantation*. 2011;15(4):414–424.
15. **Fredericks EM**, Dore-Stites D\*, Calderon S, Well A\*, Eder SJ, Magee JC, Lopez MJ. Relationship between Sleep Problems and Health Related Quality of Life Among Pediatric Liver Transplant Recipients. *Liver Transplantation*. 2012; 18(6):707-715.
16. **Fredericks EM**. Family roles and routines after pediatric liver transplantation: implications for quality of life and beyond. *Pediatric Transplantation*. 2012; 16(7):688-91.

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18. Alonso EM, Ng VL, Anand R, Anderson CD, Ekong UD, **Fredericks EM**, Furuya KN, Gupta NA, Lerret S, Sundaram SS, Tiao G<sup>0</sup> on behalf of the Studies of Pediatric Liver Transplantation (SPLIT) Research Group. The SPLIT Research Agenda 2013. *Pediatric Transplantation*. 2013; 17(5): 412-422.
19. Sundaram SS, Alonso EM, Haber B, Magee J, **Fredericks EM**, Kamath B, Bezerra J, Karpen S, Kerkar N, Rosenthal P, Schwarz K, Shepherd R, Shneider, Whittington, Limbers, Varni JW, Robuck P, Sokol RJ, on behalf of the Childhood Liver Disease Research and Education Network (ChiLDREN). Health Related Quality of Life in Biliary Atresia Patients Surviving with their Native Liver. *Journal of Pediatrics*. 2013;163(4):1052-1057.e2
20. **Fredericks EM**. Transition of the adolescent transplant patient to adult care. *Clinical Liver Disease*. 2013;2(5):223–226.
21. Gleit, R\*. Freed GL. **Fredericks EM**. Transition Planning: Teaching Sexual Self-Management. *Contemporary Pediatrics*. April 2014:16-21.
22. Drayton AK\*, Andersen MN\*, Knight RM\*, Felt BT, **Fredericks EM**, and Dore-Stites DJ. Internet Guidance on Time Out: Inaccuracies, Omissions, and What to Tell Parents Instead. 2014;35(4):239-246 .
23. Andersen MN\*, Dore-Stites D, Gleit R\*, Lopez MJ, **Fredericks EM**. A Pilot Study of the Association between Sleep Disturbance in Children with Liver Transplants on Parent and Family Health Related Quality of Life. 2014 Aug;39(7):735-42. doi: 10.1093/jpepsy/jsu037.
24. **Fredericks, EM**, Zelikovsky N, Aujoulat I, Hames A, Wray J. Post-transplant Adjustment – The Later Years. *Pediatr Transplant* 2014;18(7):675–688. DOI: 10.1111/petr.12366.
25. Duncan CL, Mentrionkoski JM, Wu YP, **Fredericks EM**. Practice-Based Approach to Assessing and Treating Non-Adherence in Pediatric Regimens. *Clinical Practice in Pediatric Psychology*. 2014: 2(3);322-336.
26. Whitfield EP, **Fredericks EM**, Eder SJ, Shpeen BH, Adler J. Transition Readiness in Pediatric Patients with Inflammatory Bowel Disease: A Patient Survey of Self-Management Skills. *Journal of Pediatric Gastroenterology & Nutrition*: 2015 Jan;60(1):36-41.
27. Kamath BM, Chen Z, Romero R, **Fredericks EM**, Alonso EM, Arnon R, Heubi J, Hertel PM, Karpen SJ, Loomes KM, Murray KF, Rosenthal P, Schwarz KB, Subbarao G, Teckman JH, Turmelle YP, Wang KS, Sherkert AH, Sokol R, Magee JC for the Childhood Liver Disease Research Network (ChiLDRen) Quality of Life and its Determinants in a Multi-Center Cohort of Children with Alagille Syndrome. *Journal of Pediatrics*: 2015 Aug;167(2):390-396.e3. doi: 10.1016/j.jpeds.2015.04.077.
28. Bilhartz JL\*, Lopez MJ, Magee JC, Shieck VL, Eder SJ, **Fredericks EM**. Assessing the Allocation of Responsibility for Health Management in Pediatric Liver Transplant Recipients. *Pediatr Transplant*, 2015;19(5):538-46. doi: 10.1111/petr.12466.
29. **Fredericks EM**, Magee JC, Eder SJ, Sevecke JR, Dore-Stites D, Shieck V, Lopez MJ. Quality Improvement Targeting Adherence During the Transition from a Pediatric to Adult Liver Transplant Clinic. *J Clin Psychol Med Settings*, 2015; 22(2-3): 150-9. doi: 10.1007/s10880-015-9427-6
30. McGrady ME, Ryan JL, Gutiérrez-Colina AM, **Fredericks EM**, Kuhl ES, Pai ALH. The Impact of Effective Pediatric Adherence Promotion Interventions: Systematic Review and Meta-Analysis. *Child: Care, Health & Development*, 2015; 41(6):789-802. doi: 10.1111/cch.12271.
31. Miller, A.L., Gearhardt, A.N., **Fredericks, E.M.**, Katz, B. Fink Shapiro, L., Holden, K., Kaciroti, N., Gonzalez, R. Hunter, C., & Lumeng, J.C. Targeting Self-Regulation to Promote Health Behaviors in Children. *Behaviour Research and Therapy* (2017). doi: 10.1016/j.brat.2017.09.008.

### Invited Editorials/Commentaries

1. **Fredericks EM.** Family roles and routines after pediatric liver transplantation: Implications for quality of life and beyond. *Pediatric Transplantation*. 2012; 16(7):688-691.
2. **Fredericks EM.** How can we measure or predict transition readiness? *ASN Kidney News*. September 2012, page 10.

### Non-Peer Review Publications

1. **Fredericks EM.** Helping our Pediatric Patients Transition to Healthy Adulthood. *University of Michigan Transplant Center Newsletter*. Winter 2013, page 7.
2. **Fredericks EM,** Singer DC, Kauffman AD, Gebremariam A, Matos-Moreno A, Clark SJ, Davis MM. Can their 18-year-olds make a doctor's appointment? Half of parents say no. *C.S. Mott Children's Hospital National Poll on Children's Health, University of Michigan*. Volume 22 Issue 5, December 2014. Available at: <http://mottnpch.org/reports-surveys/can-their-18-year-olds-make-doctor%E2%80%99s-appointment-half-parents-say-no>

### Book Chapters

1. **Fredericks EM,** Opipari-Arrigan LC. Behavioral Assessment in Children and Adolescents. In Greydanus DE, Patel DR, Pratt HD (eds): *Behavioral Pediatrics*, 2<sup>nd</sup> edition, Lincoln, NE: iUniverse, Inc; 2006:651-669.
2. Zelikovsky N, Lefkowitz D, **Fredericks EM.** Neurocognitive Effects of Solid Organ Transplantation. In Nass R, and Frank Y. (eds): *Cognitive and Behavioral Abnormalities of Pediatric Diseases*, Oxford University Press. 2010:460-478.
3. **Fredericks EM,** Bilhartz J\*. Transition of Pediatric Patients to Adulthood. In Busuttill RW and Klintmalm GB (eds): *Transplantation of the Liver*, 3<sup>rd</sup> edition. Elsevier, Inc. 2015:926-933

### Published Abstracts and Conference Proceedings

1. Kollins SH, Sauer LK, Blackman E, **MacDonald EK.** (2000). Substance use and Attention Deficit Hyperactivity Disorder (ADHD) symptomatology in college students. *NIDA Research Monograph*, 180. Rockville, MD.
2. **MacDonald EK,** Kollins SH. (2000). Assessing the reinforcing effects of methylphenidate in children diagnosed with ADHD using a choice procedure. *Drug and Alcohol Dependence*, 60:S134.
3. Kollins SH, Murray LK, **MacDonald EK,** Albrecht SA, Coates A. (2000). Is delay discounting associated with substance use in college students? *Drug and Alcohol Dependence*, 60 (Supplement 1), S116.
4. Opipari-Arrigan L, **Fredericks EM,** Burkhart N, Dale L, Hodge M, Kichler J, Olton P, Foster C. Implementing insulin pump therapy with preschoolers with type 1 diabetes mellitus: A pilot investigation of medical and quality of life outcomes. *Conference Proceedings from the Pediatric Academic Societies' 2004 Annual Meeting, San Francisco, CA. [Abstract #773].*
5. Opipari-Arrigan L, Kichler J, **Fredericks EM,** Burkhart N, Dale L, Eder S, Silverman A, Bratton S, Foster C.. The K.I.D.S. project: Medical and psychosocial outcomes of an intervention to Kick In Dietary Support for economically disadvantaged adolescents with type 1 diabetes mellitus. *Conference Proceedings from the Pediatric Academic Societies' 2004 Annual Meeting, San Francisco, CA. [Abstract #774].*
6. Opipari-Arrigan L, Kichler J, **Fredericks EM,** Burkhart N, Dale L, Eder S, Bratton S, Foster C. Family-based self-management intervention improves long-term psychosocial outcomes in economically disadvantaged adolescents with type 1 diabetes mellitus. *Conference Proceedings from the Pediatric Academic Societies' 2005 Annual Meeting, Washington, D.C. [Abstract #199].*

7. Opiari-Arrigan L, Kichler J, **Fredericks EM**, Burkhart N, Dale L, Eder S, Bratton S, Foster C. Self-management intervention improves diabetes-related functioning in at-risk adolescents with type 1 diabetes. Conference Proceedings from the 2005 American Diabetes Association 65<sup>th</sup> Annual Scientific Session, San Diego, CA. [Abstract # 1894-P].
8. **Fredericks EM**, Lopez MJ, Magee JC, Shieck V, Opiari-Arrigan L. Health-related quality of life and behavioral functioning among pediatric liver transplant recipients. *Hepatology*. 2005;42:477A. [Abstract #713]
9. **Fredericks EM**, Lopez MJ, Magee JC, Shieck V, Opiari-Arrigan L. Parent perceptions of stress and family difficulties are related to nonadherence among pediatric liver transplant recipients. *Hepatology*. 2005;42:474A. [Abstract #705]
10. Magee JC, Thomas SE, **Fredericks EM**, Guidinger MK, Port FK, Kalbfleisch JD, Wolfe RA. Effect of recipient age and “transition” on graft loss in pediatric transplant recipients. World Transplant Congress 2006 Oral Abstracts. *American Journal of Transplantation*, 2006;6 (s2), 65-472. [Abstract #439].
11. **Fredericks EM**, Lopez MJ, Magee JC, Opiari-Arrigan L. Parent and family functioning, adherence and health outcomes after pediatric liver transplantation. 4<sup>th</sup> Congress of the International Pediatric Transplant Association Abstracts. *Pediatric Transplantation*, 2007:11 (s1), 35–114. [Abstract #343].
12. **Fredericks EM**, Lopez MJ, Magee JC, Opiari-Arrigan L. Parent reports of child health-related quality of life and behavioral functioning after liver transplantation. 4<sup>th</sup> Congress of the International Pediatric Transplant Association Abstracts. *Pediatric Transplantation*. 2007:11 (s1), 35–114. [Abstract #302].
13. Paruch JL\*, Patel MS, **Fredericks EM**, Lopez MJ, Englesbe MJ, Magee JC. A cost-benefit analysis of an intervention to minimize non-adherence and prevent rejection in pediatric kidney transplant recipients. 4<sup>th</sup> Congress of the International Pediatric Transplant Association Abstracts. *Pediatric Transplantation* 2007:11 (s1), 35–114. [Abstract #299].
14. Paruch JL\*, Patel MS, **Fredericks EM**, Lopez MJ, Englesbe MJ, Magee JC. A cost-benefit analysis of interventions to minimize non-adherence and prevent rejection in pediatric liver transplant recipients. American Transplant Congress 2007 Executive and Program Planning Committees and Abstract Review Committees. *American Journal of Transplantation* 2007:(s2), 17–584. [Abstract #910].
15. Haber B, **Fredericks EM**, Magee J, Bezerra JA, Karpen SJ, Kerkar N, Rosenthal P, Schwarz KB, Shepherd R, Shneider BL, Whittington PF, Robuck PR, Sokol RJ. Predictors of neurodevelopmental outcome in non-transplanted children with biliary atresia at one year of age. Special Issue on the 59th Annual Meeting of the American Association for the Study of Liver Diseases, *Hepatology*. 2008;48(s1):1019A-1187A. [Abstract #1616]
16. **Fredericks EM**, Well A\*, Shieck V, Lopez MJ, Magee JC. Sociodemographic correlates of health-related quality of life and adherence in pediatric liver transplant recipients. 5<sup>th</sup> Congress of the International Pediatric Transplant Association Oral Abstracts. *Pediatric Transplantation* 2009:11(s1), 1-171 [Abstract # 29]
17. Paruch JL\*, **Fredericks EM**, Englesbe M, Lopez MJ, Patel M, Cohn JA, Ada YM, Magee JC. A financial analysis of acute rejection among pediatric liver transplant recipients. 5<sup>th</sup> Congress of the International Pediatric Transplant Association Abstracts. *Pediatric Transplantation* 2009:11(s1), 1-171 [Abstract # 336]
18. Paruch JL\*, Patel MS, **Fredericks EM**, Lopez MJ, Englesbe M, Magee JC. A cost-benefit analysis of interventions to minimize nonadherence and prevent rejections in pediatric liver transplant recipients. 5<sup>th</sup> Congress of the International Pediatric Transplant Association Abstracts. *Pediatric Transplantation* 2009:11(s1), 1-171 [Abstract # 341].
19. **Fredericks, EM**, Dore-Stites D\*, Well A\*, Shieck V, Magee JC, Lopez MJ. Transition Readiness and Adherence among Pediatric Liver Transplant Recipients. *American*

- Transplant Congress 2009 Oral Abstracts. American Journal of Transplantation. 2009;9(s2), 189-383 [Abstract #366].
20. Calderon S\*, **Fredericks EM**, Lopez MJ. Sleep Problems and Health Related Quality of Life in Pediatric Liver Transplant Recipients. American Transplant Congress 2009 Abstracts. American Journal of Transplantation. 2009;9(s2), 384-729 [Abstract #1262].
  21. Sundaram SS, **Fredericks EM**, Kamath BM, Haber B, Raghumathan T, Magee JC, Bezerra JA, Karpen SJ, Kerkar N, Rosenthal P, Schwarz KB, Shepherd RW, Shneider BL, Whittington PF, Robuck PR, and Sokol RJ. A multicenter cross sectional assessment of quality of life in biliary atresia patients aged 2-25 years. Hepatology 2009; 50:632A [Abstract #699].
  22. **Fredericks EM**, Freed GL, Well A\* Dore-Stites D\* Shieck V, Magee JC, Lopez MJ. Transition of Liver Transplant Recipients from Pediatric to Adult Care: Assessing Patient Readiness. Clinical and Translational Science. 2010;3(2), S8-S55 [Abstract A-107].
  23. **Fredericks EM**, Dore-Stites D\*, Magee JC, Shieck V, Well A\*, Eder S, Freed GL, Lopez MJ. Prospective Assessment of Transition Readiness Skills and Adherence Following the Transfer from Pediatric to Adult Liver Transplant Care. American Transplant Congress 2011 Oral Presentation Abstracts. American Journal of Transplantation. 2011;11(s2); 28-211. [Abstract # 214].
  24. **Fredericks EM**, Lopez MJ, Well A\*, Dore-Stites D\*, Eder S, Shieck V, Conjeevaram H, Magee JC. Freed GL, Magee JC. Adherence and Health Status after the Transfer from a Pediatric to Adult Liver Transplant Clinic. American Transplant Congress 2011 Poster Abstracts. American Journal of Transplantation. 2011;11(s2); 213-527 [Abstract # 1594].
  25. Dore-Stites D\*, Well A\*, Shieck V, Lopez MJ, Bucuvalas JC, Campbell K, Magee JC, **Fredericks EM**. Health Literacy and Its Association with Adherence in Pediatric Liver Recipients and Their Parents. American Transplant Congress 2011 Poster Abstracts. American Journal of Transplantation. 2011;11(s2); 213-527 [Abstract #1597].
  26. **Fredericks EM**, Dore-Stites D\*, Magee JC, Shieck V, Well A\*, Eder S, Freed GL, Lopez MJ. Prospective Assessment of Transition Readiness Skills and Adherence Following the Transfer from Pediatric to Adult Liver Transplant Care. 6<sup>th</sup> Congress of the International Pediatric Transplant Association (IPTA) Abstracts. Pediatric Transplantation. 2011: 15(s1);41-139 [Abstract #205].
  27. **Fredericks EM**, Lopez MJ, Well A\*, Dore-Stites D\*, Eder S, Shieck V, Conjeevaram H, Magee JC. Freed GL, Magee JC. Adherence and Health Status after the Transfer from a Pediatric to Adult Liver Transplant Clinic. 6<sup>th</sup> Congress of the International Pediatric Transplant Association (IPTA) Abstracts. Pediatric Transplantation. 2011;15(s1);41-139 [Abstract #385].
  28. Shpeen BH, Whitfield E, Eder SJ, **Fredericks EM**, Adler J. Patient, Parent, and Physician Agreement in Assessing Disease Activity in Pediatric Inflammatory Bowel Disease. 2012 NASPGHAN Annual Meeting Abstracts. JPGN: 2012: Volume 55, Suppl 1; E1-E123. [Abstract #239].
  29. Whitfield E, Shpeen BH, Eder SJ, **Fredericks EM**, Adler J. Assessment of Transition Readiness in Pediatric Patients with Inflammatory Bowel Disease. 2012 NASPGHAN Annual Meeting Abstracts. JPGN: 2012: Volume 55, Suppl 1; E1-E123..[Abstract #247].
  30. Kamath BM, Chen Z, Romero R, Murray KF, **Fredericks EM**, Magee JC. Quality of Life in Alagille Syndrome is Associated with Growth Failure and Cardiac Defects. The 63rd Annual Meeting of the American Association for the Study of Liver Diseases: The Liver Meeting 2012 Abstracts. Hepatology. Volume 56, Issue Supplement S1, pages 191A–1144A, [Abstract #1124].
  31. Bilhartz JL\*, Lopez MJ, Magee JC, Shieck VL, Eder SJ, Gleit R, **Fredericks EM**. Preliminary Psychometric Properties of a Measure of the Allocation of Responsibility for Health Management Tasks in Pediatric Liver Transplant Recipients. American Transplant Congress



2013 Oral Sessions. American Journal of Transplantation. 2013; 13(s5); 29-206 [Abstract #60].

Conference Presentations (without published abstracts)

1. Waller SA, Kollins SH, **MacDonald EK**, Maher S, Lane SD. (May 1999). Adaptation to changing reward conditions in children diagnosed with Attention-Deficit Hyperactivity Disorder. Poster presented at the Annual Meeting of the Association for Behavior Analysis, Chicago, IL.
2. Murray LK, **MacDonald EK**, Kollins SH. (November 1999). The Wender Utah Rating Scale: A look at normative scores in a college sample. Poster presented at the Annual Meeting of the Association for the Advancement of Behavior Therapy, Toronto, Ontario.
3. Kollins SH, **MacDonald EK**, Murray LK, Lane SD. (November 1999). Assessing the relationship between substance use, ADHD symptomatology and impulsivity in a sample of college students. Poster presented at the Annual Meeting of the Association for the Advancement of Behavior Therapy, Toronto.
4. Kollins SH, **MacDonald EK**, Coates A, Albrecht S, Lane SD. (May 2000). Schedule performance and response adaptation: Basic approaches for conceptualizing ADHD behavior. Poster presented at the Annual Meeting of the Association for Behavior Analysis, Washington, DC.
5. **MacDonald EK**, Kollins SH. (May 2000). Relationship among the stimulus functions and clinical effects of methylphenidate in children diagnosed with ADHD. Poster presented at the Annual Meeting of the Association for Behavior Analysis, Washington, DC.
6. **MacDonald EK**, Kollins SH. (November 2000). The relationship among the stimulus functions and clinical effects of methylphenidate in children diagnosed with Attention Deficit Hyperactivity Disorder (ADHD). Poster presented at the Annual Meeting of the association for the Advancement of Behavior Therapy, New Orleans, LA.
7. **MacDonald EK**, Kollins SH. (May 2001). Assessing the reinforcing effects of MPH in children diagnosed with ADHD. Poster presented at the annual MSU/KCMS Research Day Conference, Kalamazoo, MI.
8. Opipari-Arrigan L, Kichler J, **Fredericks EM**, Burkhart N, Dale L, Eder S, Silverman A, Bratton S, Foster C. (April 2004). Evaluation of a self-management training intervention for economically disadvantaged adolescents with type 1 diabetes mellitus. Poster presented at the National Conference on Child Health Psychology, Charleston, SC.
9. Opipari L, **Fredericks EM**, Burkhart N, Dale L, Hodge M, Kichler J, Olton P, Foster CA. (April 2004). Pilot investigation of the effects of insulin pump therapy on quality of life in preschoolers with type 1 diabetes mellitus. Poster presented at the National Conference on Child Health Psychology, Charleston, SC.
10. Kollins SH, **Fredericks EM**. (October 2004). Reinforcing and subjective effects of methylphenidate in adults with ADHD. Oral paper presentation at the annual meeting of the American Academy of Child and Adolescent Psychiatry, Washington, DC.
11. **Fredericks EM**, Opipari-Arrigan L, Winfree L, Dalton J, Lopez MJ. (April 2005). Parent functioning is linked to adherence among pediatric liver transplant recipients. Poster presented at the Great Lakes Regional Conference on Child Health, Columbus, OH.
12. Opipari-Arrigan L, Kichler J, **Fredericks EM**, Burkhart N, Dale L, Eder S, Bratton S, Foster C. (April 2005). Self-management training improves diabetes-related family functioning among economically disadvantaged adolescents with type 1 diabetes mellitus. Poster presented at the Great Lakes Regional Conference on Child Health, Columbus, OH.
13. **Fredericks EM**, Lopez MJ, Magee JC, Shieck V, Opipari-Arrigan L. (November 2005). Parent perceptions of stress and family difficulties are related to nonadherence among

- pediatric liver transplant recipients. Oral presentation at the University of Michigan Medical School 17<sup>th</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #14].
14. **Fredericks EM**, Lopez MJ, Magee JC, Shieck V, Oipari-Arrigan L. (November 2005). Health-related quality of life and behavioral functioning among pediatric liver transplant recipients. Poster presented at from the University of Michigan Medical School 17<sup>th</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #39].
  15. **Fredericks EM**, Magee JC, Shieck V, DiCosmo K\*, Well A\*, Lopez MJ. (April 2007). Health-related quality of life is related to medication adherence among adolescent liver transplant recipients. Oral presentation at the Great Lakes Regional Conference on Child Health, Cincinnati, OH.
  16. **Fredericks EM**, Magee JC, Oipari-Arrigan L, Shieck V, Well A\*, Lopez MJ. (November 2007). Adherence and health-related quality of life in adolescent liver transplant recipients. Poster presented at the University of Michigan Medical School 18<sup>th</sup> Annual Pediatric Research Symposium, Ann Arbor, MI.
  17. Paruch JL\*, Patel MS, **Fredericks EM**, Lopez MJ, Englesbe MJ, Magee JC. (November 2008). A cost-benefit analysis of interventions to promote adherence. Poster presented at the University of Michigan Medical School 19<sup>th</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #71].
  18. **Fredericks EM**, Well A\*, Shieck V, Lopez MJ, Magee JC. (November 2008). Sociodemographic correlates of health-related quality of life and adherence in pediatric liver transplant recipients. Poster presented at the University of Michigan Medical School 19<sup>th</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #72].
  19. Dore-Stites D\*, Well A\*, Shieck V, Magee JC, Lopez MJ, **Fredericks EM**. (November 2008). Assessment of transition readiness in pediatric liver transplant recipients. Poster presented at the University of Michigan Medical School 19<sup>th</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #73].
  20. Dore-Stites D\*, Well A\*, Shieck V, Magee JC, Lopez MJ, **Fredericks EM**. Assessment of transition readiness and adherence in a clinical sample of pediatric liver transplant recipients (April 2009). Poster presentation at the Midwest Conference on Pediatric Psychology, Kansas City, MO.
  21. **Fredericks EM**, Freed GL, Well A\*, Dore-Stites D\*, Shieck V, Magee JC, Lopez MJ. (October 2010). Transition of Liver Transplant Recipients from Pediatric to Adult Care: Assessing Patient Readiness. Poster presentation at The University of Michigan A. Alfred Taubman Medical Research Institute (Taubman Institute) and the Michigan Institute for Clinical & Health Research (MICHR) Annual Symposium: Translational Research: The Bridge from Discovery to Medical Practice. Ann Arbor, MI.
  22. Well A\*, Felt, B, Hoban, T, Hassan, F, **Fredericks, EM**, Dore-Stites, D. (October 2010). Associations between blood pressure and sleep disturbances in a pediatric population. Poster presentation at the University of Michigan Medical School 21<sup>st</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #101].
  23. **Fredericks EM**, Freed GL, Well A\*, Dore-Stites D\*, Shieck V, Magee JC, Lopez MJ. (October 2010). Transition of Liver Transplant Recipients from Pediatric to Adult Care: Assessing Patient Readiness. Poster presentation at the University of Michigan Medical School 21<sup>st</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #115].
  24. **Fredericks EM**, Calderon SY\*, Dore-Stites D\*, Well A\*, Magee JC, Lopez MJ (April 2011). Impact of Sleep Problems on Health Related Quality of Life in Pediatric Liver Transplant Recipients and their Parents. Poster presented at the National Conference for Child Health. San Antonio, TX.
  25. **Fredericks EM**, Lopez MJ, Well A\*, Dore-Stites D\*, Eder S, Shieck V, Conjeevaram H, Magee JC, Freed GL, Magee JC (October 2011). Adherence and Health Status after the Transfer from a Pediatric to Adult Liver Transplant Clinic. Poster presentation at the

- University of Michigan Medical School 22<sup>nd</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #19].
26. **Fredericks EM**, Magee JC, Resnicow K, Lopez MJ, Eder SJ, Shieck V, Egleston D, Newhouse W, Derry H, O'Reilly D, Freed GL (April 2012). iSTART: Individualized Self-management Training in Adolescent/Young Adult Recipients of Transplantation. Oral paper presentation at the Midwest Regional Conference on Pediatric Psychology, Milwaukee, WI.
  27. Wu YP\*, Rohan J, Ambrosino J, Martin S, Greenley RN, Loisell K, Hommel K, **Fredericks EM** (April 2012). Assessment and Interventions for Pediatric Medical Regimen Adherence: What are Clinicians Using in the Real-World? Poster presentation at the Midwest Regional Conference on Pediatric Psychology, Milwaukee, WI.
  28. Wu, YP\*, Rohan J, Ambrosino J, Martin S, Greenley RN, Loiselle K, Hommel K, & **Fredericks, EM.** (August 2012). Dissemination of pediatric medical regimen adherence and intervention strategies: Translating research into practice. Oral paper presentation at the meeting of the American Psychological Association, Orlando, FL.
  29. **Fredericks EM**, Shieck V, Eder SJ, Lopez MJ (October 2012). A pilot test of the Self-management Training for Adolescent Recipients of Transplantation (START) program). Oral paper presentation at the 21st Annual ITNS Symposium and General Assembly. Seattle, WA.
  30. Andersen MN\*, Lopez MJ, Dore-Stites D\*, Gleit R\*, **Fredericks EM** (April 2013). Psychometric Properties of the Pediatric Sleep Questionnaire in Pediatric Liver Transplant Recipients. Poster presented at the National Conference for Pediatric Psychology. New Orleans, LA.
  31. **Fredericks EM**, Resnicow K, Magee JC, Lopez MJ, Eder SJ, Egleston D, Newhouse W, O'Reilly D, Freed GL. iSTART: Individualized Self-Management Training in Adolescent/Young Adult Recipients of Transplantation (August 2013). Poster presented at the 10<sup>th</sup> NCI Centers of Excellence in Cancer Communication (CECCR) Grantee Meeting, Ann Arbor, MI.
  32. Bilhartz JL\*, Lopez MJ, Magee JC, Shieck VL, Eder SJ, Gleit R, **Fredericks EM.** Preliminary Psychometric Properties of a Measure of the Allocation of Responsibility for Health Management Tasks in Pediatric Liver Transplant Recipients (October 2013). Poster presented at from the University of Michigan Medical School 24<sup>th</sup> Annual Pediatric Research Symposium, Ann Arbor, MI. [Abstract #100].
  33. **Fredericks EM**, Magee JC, Eder SJ, Dore-Stites D, Shieck V, and Lopez MJ (October 2013). Quality Improvement Targeting Adherence and Health Status during the Transition from a Pediatric to Adult Liver Transplant Clinic. Oral paper presentation at from the University of Michigan Medical School 24<sup>th</sup> Annual Pediatric Research Symposium, Ann Arbor, MI.
  34. **Fredericks EM**, Meade M, Resnicow K, Sing K\*, Guo M\* (November 2013). Incorporating Tailored Adherence Assessment and Promotion into the UM System for Pediatric and Young Adults. Poster presentation at The Case for the Cube: How Real-Time Seed Funding Grows Innovation. M-Cubed Symposium. Ann Arbor, MI.
  35. **Fredericks EM**, Resnicow K, Magee JC, Lopez MJ, Eder SJ, Egleston D, Newhouse W, O'Reilly D, Freed GL (March 2014). Getting Started with iSTART: A Tailored Intervention to Promote Adherence in Adolescent/Young Adult Liver Transplant Recipients. Poster presented at the Society of Pediatric Psychology Annual Conference. Philadelphia, PA.
  36. **Fredericks EM**, Magee JC, Eder SJ, Dore-Stites D, Shieck V, and Lopez MJ (March 2014). Quality Improvement Targeting Adherence and Health Status during the Transition from a Pediatric to Adult Liver Transplant Clinic. Oral presentation in symposium, Readiness for Transition to Adult Medical Care in Adolescents and Young Adults with Chronic Illness: Insight into Evaluation, Predictors, and Lessons Learned (Chair Maureen Monaghan). Society of Pediatric Psychology Annual Conference. Philadelphia, PA.

37. **Fredericks EM**, Eder SJ, Resnicow K, Egleston D, Newhouse W, O'Reilly D, Freed GL (April 2015). The Feasibility of Tailored Text Messages to Promote Adherence Among Adolescent and Young Adult Liver Transplant Recipients: The iSTART Project. Oral Presentation at the 2015 Society of Pediatric Psychology Annual Conference. San Diego, CA.
38. **Fredericks EM**, Sevecke J, Eder S, Shieck V, Lopez MJ, Magee JC (April 2015). Defining a Successful Transition from Pediatric to Adult Liver Transplant Care: Are We Setting the Bar Too High? Poster presentation at the 2015 Society of Pediatric Psychology Annual Conference. San Diego, CA.
39. **Fredericks EM**, Singer DC, Kauffman AD, Gebremariam A, Matos-Moreno A, Clark SJ, Davis MM (April 2015). An Assessment of Parent Perceptions: When Should Adolescents and Young Adults Transfer to Adult Primary Care? (Abstract #756400) Poster presentation at the 2015 Pediatric Academic Societies. San Diego, CA.
40. **Fredericks EM**, Eder SJ, Resnicow K, Egleston D, Newhouse W, O'Reilly D, Freed GL (April 2015). The Feasibility of Tailored Text Messages to Promote Adherence Among Adolescent and Young Adult Liver Transplant Recipients: The iSTART Project. Oral Presentation at the 2015 Society of Pediatric Psychology Annual Conference. San Diego, CA.
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