



Pediatric Gastroenterology  
Special Interest Group

APA DIVISION  
54

# Digest

Newsletter, March 2020

Pediatric Gastroenterology Special Interest Group, APA DIV54

## A Message from Our Co-Chairs

Reflecting on our last two years as Co-Chairs, we have been blown away by the contributions and work of PG-SIG members. The group is an active collection of clinicians, researchers, and advocates for the field of pediatric psychology and children with GI conditions. Our annual spring newsletter will highlight just a few of the recent achievements of our SIG members, feature a monthly journal club summary, and introduce incoming board members. In addition, we would like to take the opportunity to highlight changes in PG-SIG leadership terms that will allow for greater continuity across scheduled board member changes.

At this year's SPPAC meeting, incoming co-chairs, Lindsey Burrell (Emory University School of Medicine) and Cindy Kim (Children's Hospital of Orange County) will begin their terms as SIG Co-Chairs. Laura and I will transition to the role of past Co-Chairs and remain involved in PG-SIG endeavors to help facilitate this transition. Candidates interested in applying to be Co-Chair elects, can express interest to past or current board members at the upcoming meeting or via email communication.

A unanimous decision by the board was made to change board rotation schedules as follows. All board members will continue to serve for two-year terms; however, co-chairs will rotate off on even years and all other board members will rotate off on odd years. This will allow for current board members to provide greater support for incoming members and promote continuity in our clinical, research, and training endeavors. Shayna Coburn, Brad Jerson, Jaclyn Shepard, Margo Szabo, and Kari Baber have graciously agreed to continue in their current board roles until SPPAC 2021, at which time the board will put out a call for interested members to serve in these roles.

We are thankful for everyone's interest in and dedication to forwarding the interests of children with GI complexity around the country! Welcome to our new Co-Chairs as well as all of our new PG-SIG members.

We continue to look for ways to connect students, clinicians and researchers to advance pediatric psychology involvement in pediatric GI patient care. Please be in touch with ideas for the continued growth and development within this community.

Laura and Christina

### PG-SIG Leadership

#### Co-Chairs

Christina Low Kapalu, PhD  
*Children's Mercy Kansas City*  
Laura Slosky, PhD  
*Children's Mercy Kansas City*

#### Co-Chairs Elect

Lindsay Burrell, PhD  
*Emory University School of Medicine*  
Cindy Kim, PhD, ABPP  
*Children's Hospital of Orange County*

#### Past Co-Chairs

Rob Dempster, PhD  
*Nationwide Children's Hospital*  
Brandi Whitaker, PhD  
*Arkansas Children's Hospital*

#### Secretary

Margo Szabo, PhD  
*Children's Hospital of Philadelphia*

#### Membership Coordinator

Jaclyn Shepard, PsyD  
*UVA School of Medicine*

#### At-Large Members

Kari Baber, PhD - Education  
*Children's Hospital of Philadelphia*  
Shayna Skelley Coburn, PhD -  
Research  
*Children's National Health System*  
Brad Jerson, PhD - Clinical  
*Connecticut Children's Medical Center*

#### Student Representatives

Caroline Roberts, MS  
*Oklahoma State University*  
Marissa Koven, BA  
*DePaul University*

## MEET YOUR NEW PG-SIG CO-CHAIRS



**Name:** Lindsey Burrell, PhD  
**Title:** Assistant Professor  
**Institution:** Emory University School of Medicine  
**Clinical Areas:** Pediatric Feeding, Parent Training  
**Research Interests:** Parent training, Parent-mediated intervention to address disruptive behavior and feeding disorders in children with ASD; Dissemination and Implementation of behavioral intervention for feeding disorders



**Name:** Cindy Kim, PhD, ABPP  
**Title:** Board Certified in Clinical Psychology Fellow, American Academy of Clinical Psychology  
**Institution:** Children's Hospital of Orange County  
**Clinical Areas:** Multidisciplinary Feeding Disorders, Early Developmental Assessment Clinic, Cochlear Implant Assessment  
**Research Interests:** Parental training, Standardization of assessment and long-term outcomes of intensive feeding program

## JOURNAL CLUB HIGHLIGHT

Summarized by: Marissa Koven & Caroline Roberts

**Santucci, N. R., Rein, L. E., van Tilburg, M. A., Karpinski, A., Rosenberg, A., Amado-Feeley, A., ... & Hyman, P. E. (2019). Self-Efficacy in Children with Functional Constipation Is Associated with Treatment Success. *The Journal of pediatrics*, 216, 19-24.**

Santucci and colleagues (2019) conducted a three-week longitudinal study assessing the relationship between defecation self-efficacy and treatment success, in youth age 8 to 16-years-old with functional constipation. One-hundred and twenty-two youth completed self-report measures of self-efficacy of defecation, which included perceived ability to complete tasks needed for defecation, before, immediately after and three weeks following an initial clinic visit. Participants also kept a daily stool diary, consisting of number of bowel movements into the toilet, fecal incontinence episodes, and stool consistency. Findings indicated that a majority of participants experienced successful defecation outcomes (75%) and that children in this group experienced improved self-efficacy both immediately after their clinic visit and at follow-up. Children who failed treatment had lower baseline self-efficacy scores and while their self-efficacy improved immediately post clinic visit, they did not experience additional gains. Thus, clinical interventions to improve defecation self-efficacy may improve treatment outcomes in youth with functional constipation.

## SPOTLIGHT ON SPPAC PRESENTATIONS

***Thank you to our PG-SIG members who submitted information about their presentations at SPPAC! Please note, this is not an exhaustive list of all SPPAC presentations on pediatric GI conditions – please refer to the official conference program.***

### **Thursday, March 19th**

#### 1:15-2:30 p.m. – Concurrent Symposia/Professional Development Sessions:

*Examining associations between substance use, self-management, and health outcomes in adolescents and young adults (AYAs) with IBD.* In E.A. Steinberg (Chair), Substance Use Among Patients with Pediatric Chronic Illnesses: Ethical Concerns and Interplay with Health. Presenters: Plevinsky, J., Beal, S., Maddux S., Greenley, R., & Hommel, K.

#### 4:30-5:30 p.m. – PG-SIG Meeting

*Integrating research into clinical practice.* Moderator: Schurman, J.; Co-presenters: Burrell, L., Coburn, S., & Schroedl, R.

### **Friday, March 20th**

#### 11:30-12:45 p.m. – Concurrent Symposia and Professional Development Sessions:

*Looking On the Bright Side: The Role of Positive Schemas in Quality of Life in Youth With Abdominal Pain.* In L. Caes (Chair), Optimizing treatment for Adolescents with Chronic Pain: An International and Multi-Level Perspective. Presenters: Lee, S., McMurtry, C.M., Tomlinson, R., Bax, K., Ashok, D., & Lumley, M.N.

#### **Posters (to be presented via Twitter):**

Bandstra, N.F., Huston, P.L., *Outcomes for Feeding Tube-Dependent Children with Oral Aversion in an Intensive Interdisciplinary Treatment Program.*

Baudino, M. N., Perez, M. N., Roberts, C. M., Gamwell, K. G., Edwards, C. S., Tung, J., Jacobs, N. J., Grunow, J. E., Gillaspay, S., Mullins, L. L., & Chaney, J. M. *Illness stigma, illness intrusiveness, overparenting, and depressive symptoms in parents of youth with inflammatory bowel disease (IBD).*

Coburn, S., Kramer, Z., Sady, M., Parker, M., Suslovic, W., Weisbrod, V., Kerzner, B., & Kahn, I. *The gluten-free diet is a double-edged sword for psychosocial health in children with celiac disease and their parents.*

David, J., Daly, B., Reed, B., Saeed, S., Atay, O., DeMatteo, D., & Chute, D. *Assessing the Prevalence of and Risk Factors for Disordered Eating Behaviors in Adolescents with Inflammatory Bowel Disease.*

Dykes, M. K., Edwards, C. S., Roberts, C. M., Meinders, R. M., Baudino, M. N., Jacobs, N. J., Grunow, J. E., Tung, J., Gillaspay, S., Mullins, L. L. & Chaney, J. M. *Parental affiliate stigma, parent distress, and child depressive symptoms in youth with inflammatory bowel disease.*

Edwards, C. S., Basile, L. N., Baudino, M. N., Roberts, C. M., Gamwell, K. L., Meinders, R. M., Dykes, M. K., Tung, J., Grunow, J. E., Gillaspay, S., Mullins, L. L., & Chaney, J. M. *Disease severity, functional disability, illness intrusiveness, and depressive symptoms in youth with IBD.*

- Fleisher, C., Sullivan, J., McHale, I., & Colletti, R. *Integrating Behavioral Health Services into an Irritable Bowel Disease Program: The Role of Quality Improvement Projects.*
- Holbein, C., Conrad, M., Patel, T., Zilber, S., & Kelsen, J. *Parent-reported gastrointestinal symptoms and global health in children with very early onset inflammatory bowel disease.*
- Kichline, Cushing, C., Ortega, A., Simons, L. E., Connelly, M. A., Black, W. R., Friesen, C. A., & Schurman, J. V. *Examining the pediatric fear avoidance model of chronic pain: Intrapersonal and individual processes.*
- Leslein, A.L., Morgan, A.M., Balistreri, E., Vannatta, K., & Mackner, L.M. *Mentor selection and prediction of relationship quality in a pediatric IBD mentoring program.*
- Lim, P., Berlin, K., Silverman, A., Balistreri, K., & Davies, H. *Development and validation of a multidimensional feeding questionnaire.*
- Limbers, C., Larson, M., Young, D., & Simmons, S. *The Emotional Eating Scale Adapted for Children and Adolescents (EES-C): Development and Preliminary Validation of a Short-Form.*
- Meinders, R. M., Roberts, C. M., Edwards, C. S., Dykes, M. K., Gamwell, K. L., Baudino, M. N., Jacobs, N. J., Tung, J., Grunow, J. E., Gillaspay, S., Mullins, L. L., & Chaney, J. M. *Parent perceived child functional disability, illness intrusiveness, over-parenting, and youth depressive symptoms in pediatric inflammatory bowel disease.*
- Moreno, S., David, J., Daniel, R., & Pall, H. *The Perceived Ostomy Educational Needs of Pediatric Patients with Inflammatory Bowel Disease and their Caregivers.*
- Plevinsky, J., Beal, S., Maddux, M., Greenley, R., & Hommel, K. *Examining associations between substance use, self-management, and health outcomes in adolescents and young adults with IBD.*
- Rittenberg, M.N., Lausen, F., Morales, K., Perry, Z., Gronemeyer, J., Messina, A., Harris, B., Kamps, J., & Varela, E. *The Role of Anxiety and IQ in Predicting Gastrointestinal Symptoms in Youth Diagnosed with Autism Spectrum Disorder.*
- Roberts, C. M., Baudino, M. N., Gamwell, K. L., Edwards, C. S., Meinders, R., Dykes, M., Traino, K., Tung, J., Jacobs, N. J., Grunow, J. E., Gillaspay, S., Mullins, L. L., & Chaney, J. M. *Disease severity, IBD worry, illness uncertainty, and depressive symptoms in youth with IBD.*
- Sampson, J., & Greenley, R. *Links between Abdominal Pain and Adherence Difficulties in Youth with Inflammatory Bowel Diseases*
- Schuler, S., & Iskander, J. *A Closer Look at Families attending a Pediatric Interdisciplinary Feeding Clinic: Do Demographic Factors affect Parental Acknowledgment of Mealtime Stress?*
- Thompson, K.A., Lynch, M.K., Dimmitt, R.A., Barnes, M.J., Goodin, B.R. *Pain interference mediates the relationship between pediatric anxiety and caregiver quality of life and family impact in children with chronic gastrointestinal disorders.*
- Wesley, K., Turner, E., Aredas, B., & Taylor, A. *Growing up and moving on: Patient and parent perceptions of readiness to transition to adult-based gastroenterology care.*
- Wilcocks, C., Stellway, J., Valenzuela, J., & Duro, D. *Parental Stressors in Families of Pediatric Short Bowel Syndrome Patients Undergoing Intestinal Rehabilitation at "FIRST" Florida Intestinal Rehabilitation Support and Treatment Program.*
- Xu, N., Lang, A., Lim, P., & Davies, H. *Understanding the relationship between parenting styles and feeding strategies in early childhood.*

## SPOTLIGHT ON NEW RESEARCH

Check out some of the great research our PG-SIG members have been busy disseminating.



Baudino, M. N., Gamwell, K. L., Roberts, C. M., Perez, M., Edwards, C., Gillaspay, S., Jacobs, N., Grunow, J., Mullins, L. L., & Chaney, J. M. (2019). Disease severity and depressive symptoms in adolescents with inflammatory bowel disease: The mediating role of parent and youth illness uncertainty. *Journal of Pediatric Psychology*, 44(4), 490-498. doi:10.1093/jpepsy/jsy091

Coburn S, Rose M, Sady M, Parker M, Suslovic W, Weisbrod V, Kerzner B, Streisand R, Kahn I. Mental Health Disorders and Psychosocial Distress in Pediatric Celiac Disease. *J Pediatr Gastroenterol Nutr*. 2019 Dec 24. doi: 10.1097/MPG.0000000000002605. [Epub ahead of print]

Eccleston C, Fisher E, Cooper TE, Grégoire MC, Heathcote LC, Krane E, Lord SM, Sethna NF, Anderson AK, Anderson B, Clinch J, Gray AL, Gold JI, Howard RF, Ljungman G, Moore RA, Schechter N, Wiffen PJ, Wilkinson NMR, Williams DG, Wood C, van Tilburg MAL, Zernikow B. Pharmacological interventions for chronic pain in children: an overview of systematic reviews. *Pain*. 2019 Aug;160(8):1698-1707. doi: 10.1097/j.pain.0000000000001609. PMID: 31335640

Gamwell, K. L., Roberts, C. M., Espeleta, H., Baudino, M. N., Hommel, K., Grunow, J. E., Jacobs, N. J., Gillaspay, S. R., Mullins, L. L., & Chaney, J. M. (In press). Perceived stigma, illness uncertainty, and depressive symptoms in youth with inflammatory bowel disease: The moderating effects of mindfulness. *Psychology, Health & Medicine*. doi:10.1080/13548506.2020.1714062

Hart LC, van Tilburg MAL, Campbell R Jr, Faldowski RA, Nazareth M, Ndugga M, Coltrane C, de Ferris MD. Association of youth health care transition readiness to role overload among parents of children with chronic illness. *Child Care Health Dev*. 2019 Jul;45(4):577-584. doi: 10.1111/cch.12683.

Hollier JM, van Tilburg MAL, Liu Y, Czyzewski DI, Self MM, Weidler EM, Heitkemper M, Shulman RJ. Multiple psychological factors predict abdominal pain severity in children with irritable bowel syndrome. *Neurogastroenterol Motil*. 2019 Feb;31(2):e13509. doi: 10.1111/nmo.13509. Epub 2018 Dec 13.

Huston, P.L., Dempster, R. & Garbacz, L. (2019). Cognitive and behavioral strategies for the treatment of feeding disorders in adolescents. *Perspectives of the ASHA Special Interest Groups*, 4, 1498-1506.

Jerson B, Lamparyk K, van Tilburg MAL. A review of psychological treatments for vomiting associated with paediatric functional gastrointestinal disorders. *Curr Opin Pediatr*. 2019 Oct;31(5):630-635. doi: 10.1097/MOP.0000000000000800. PMID: 31335748

Low Kapalu, C.M., Lantos, J., Booser, A, Thomson, M., Attard, T. (2019, Dec). Preventing self-harm in an adolescent with recurrent foreign body ingestion: Balancing beneficence and autonomy. *Pediatrics*.

Mackner, L.M., Hatzakis, E., Allen, J.M., Davies, R.H., Kim, S.C., Maltz, R.M., & Bailey, M.T. (2020). Fecal microbiota and metabolites are distinct in pediatric Crohn's disease patients with higher levels of perceived stress. *Psychoneuroendocrinology*, 111

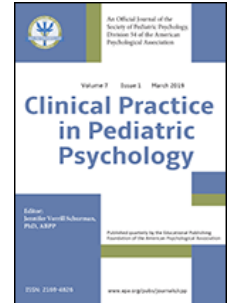
Mackner, L.M., Whitaker, B., Maddux, M., Thompson, S., Hughes-Reid, C., Drovetta, M. & Reed-Knight, B. (2020). Depression screening in pediatric IBD: Recommendations and a toolkit for implementation. *Journal of Pediatric Gastroenterology and Nutrition*, 70(1), 42-47.



Newton E, Schosheim A, Patel S, Chitkara DK, van Tilburg MAL. The role of psychological factors in pediatric functional abdominal pain disorders. *Neurogastroenterol Motil.* 2019 Jun;31(6):e13538. doi: 10.1111/nmo.13538. Epub 2019 Feb 6. Review. PMID: 30729663

Roberts, C. M., Gamwell, K. L., Baudino, M. N., Grunow, J. E., Jacobs, N. J., Tung, J., Gillaspy, S. R., Hommel, K. A., Mullins, L. L., & Chaney, J. M. (2020). The contributions of illness stigma, health communication difficulties, and thwarted belongingness to depressive symptoms in youth with inflammatory bowel disease. *Journal of Pediatric Psychology*, 45(1), 81-90. doi:10.1093/jpepsy/jsz084

Roberts, C. M., Gamwell, K. L., Baudino, M. N., Perez, M. N., Delozier, A. M., Sharkey, C. M., Grant, D. M., Grunow, J. E., Jacobs, N. J., Tung, J., Gillaspy, S. R., Mullins, L. L., & Chaney, J. M. (2019). Youth and parent illness appraisals and adjustment in pediatric inflammatory bowel disease. *Journal of Developmental and Physical Disabilities*, 31(6), 777-790. doi:10.1007/s10882-019-09678-0



Santucci NR, Rein LE, van Tilburg MA, Karpinski A, Rosenberg A, Amado-Feeley A, Stoops E, Herdes RE, Hyman PE. Self-Efficacy in Children with Functional Constipation Is Associated with Treatment Success. *J Pediatr.* 2020 Jan;216:19-24. doi: 10.1016/j.jpeds.2019.08.062.

Santucci NR, Saps M, van Tilburg MA. New advances in the treatment of paediatric functional abdominal pain disorders. *Lancet Gastroenterol Hepatol.* 2019 Dec 16. pii: S2468-1253(19)30256-0. doi: 10.1016/S2468-1253(19)30256-0. [Epub ahead of print] Review. PMID:31859185

Singh, M., Friesen, C. A., & Schurman, J. V. (2020). Mucosal Th17 cells are increased in pediatric functional dyspepsia associated with chronic gastritis. *Digestive Diseases and Sciences.* Advance online publication. Doi: 10.1007/s10620-019-06041-3.

Vargas-Luna, F. M., Huerta-Franco, M. R., Schurman, J. V., Deacy, A. D., Bagherian, A., Harvey, L., & Friesen, C. A. (in press). Electrogastrographic and autonomic nervous system responses to solid and liquid meals in youth with functional dyspepsia. *Neurogastroenterology and Motility.*

## JOB ANNOUNCEMENTS

### **Nationwide Children's Hospital - Specialization in Pediatric Feeding Disorders**

The Comprehensive Pediatric Feeding Program (CPFP) at Nationwide Children's utilizes a transdisciplinary model and includes an intensive day treatment program similar to few other programs in the United States. This program emphasizes the integration of psychology within a collaborative team including medical doctors, dietitians, social workers, occupational therapists, speech and language pathologists, social workers, data analysts, and nursing. The primary role for this psychologist would be to provide outpatient treatment and inpatient consultation for children and adolescents with a variety of feeding disorders, including ARFID, feeding tube dependence, failure to thrive, and anxiety related to pain or choking with food. The faculty member in this role would be integrated into the team evaluation clinic through CPFP and have additional future opportunities in the Intensive Feeding Track, if desired. There are many opportunities for program development and integration of clinical and quality improvement research. While this position is primarily focused on Pediatric Feeding Disorders, there are also opportunities to build clinical integration in other medical divisions, (e.g., Complex Care, Gastroenterology).

## ANNOUNCEMENTS/OTHER HIGHLIGHTS

### PG-SIG member provides keynote address rare genetic disease conference

Dr. Parker Hudson presented on *Behavioral Interventions for Children with Intellectual and Developmental Disabilities* and the *Treatment of Complex Feeding Disorders in a Multidisciplinary Setting* this past fall in at the International Wiedemann-Steiner Syndrome Foundation's annual conference held in Houston, TX.

### PG-SIG member takes on new role at Children's Mercy Hospital

Congratulations to Dr. Jennifer Schurman for her new roles as Associate Division Director of Integrated Care & Innovation and Chief for the Section of GI Psychology at Children's Mercy Hospital in Kansas City, MO.

### SAVE THE DATE FOR NASPGHAN 2020



*Do you have a feature idea for an upcoming newsletter?  
Email the PG-SIG secretary, Margo Szabo, directly at [szabom@email.chop.edu](mailto:szabom@email.chop.edu).*