

The Department of Child & Adolescent Psychiatry
and Behavioral Sciences

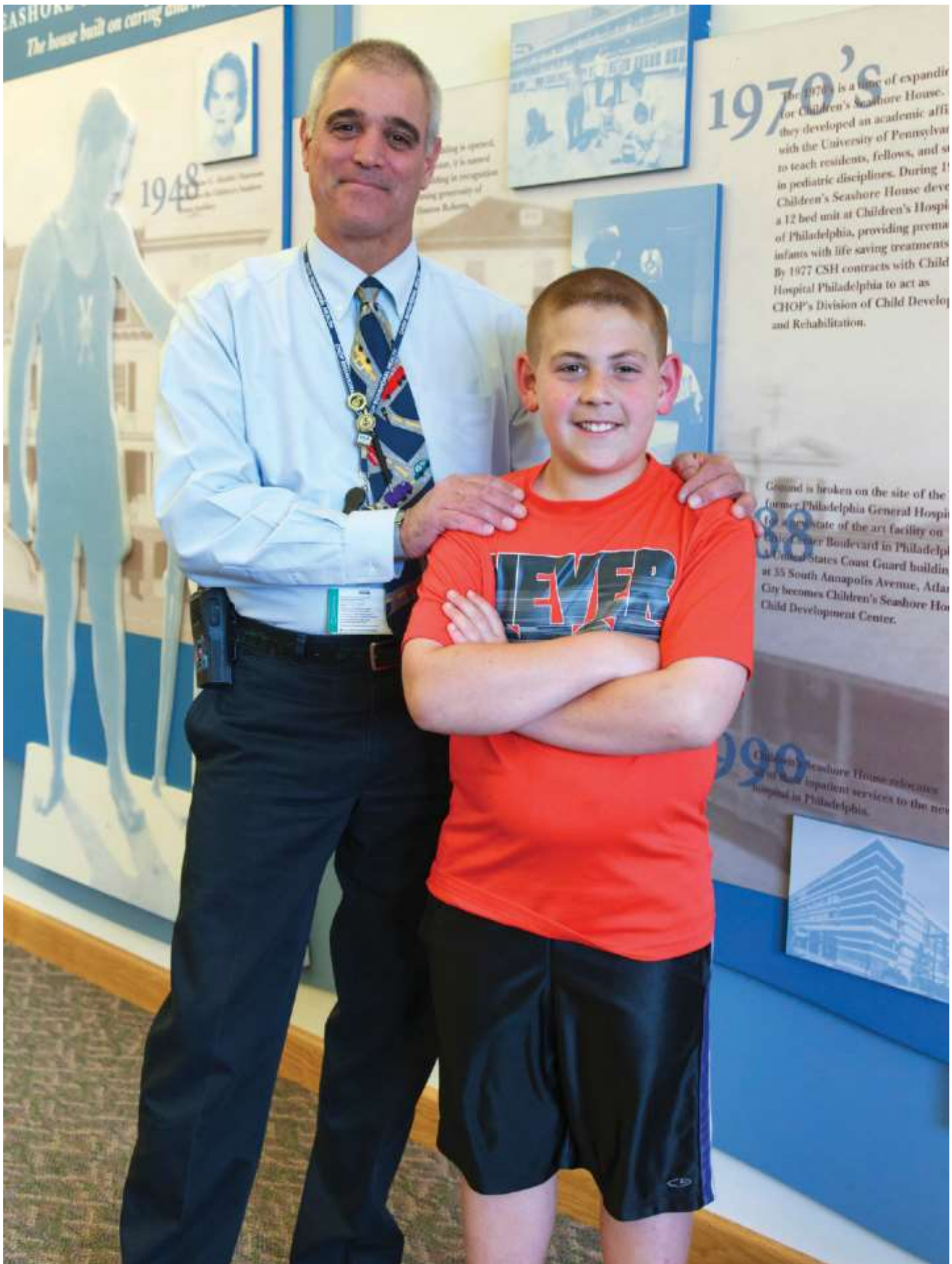
2015 Annual Report



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FROM THE DESK OF

Tami Benton

*Chair, Department of Child and
Adolescent Psychiatry and Behavioral Sciences*

Dear Colleagues and Friends,

The Department of Child and Adolescent Psychiatry and Behavioral Sciences at The Children's Hospital of Philadelphia has enjoyed a remarkable year in 2015. Building upon our tradition of excellence as the first children's hospital in the United States and University of Pennsylvania Psychiatry's history as the first department of psychiatry in the U.S., we lead the nation in healthcare for children, education for the next generation of mental health professionals and scientific discovery. Our tradition of innovation in children's mental health, beginning with the Philadelphia Child Guidance Center many years ago, has grown into a department of more than 200 clinicians, educators and researchers.

In 2015, we focused upon increasing access, efficiency, effectiveness and safety of children's behavioral healthcare. We've streamlined intake processes in the inpatient and outpatient setting, recruited new clinicians, and trained our clinicians to provide state-of-the-art evidence-based treatments. As you will see, we experienced significant volume growth this year. We've extended our reach to families in our primary care settings by developing integrated care practices and customizing the electronic health record to improve consistency, communication, quality and value of care.

We led new initiatives to improve and standardize care for some of the most complex patients. We have developed clinical pathways for the management of patients with developmental disabilities and mental health conditions who are cared for in medical settings at CHOP, including the development of an inpatient medical behavioral inpatient unit within Children's Hospital. The new unit will serve the most complex patients with medical and mental health conditions requiring acute medical care at CHOP. The unit, co-led by Psychiatry and Pediatrics, is scheduled to launch in 2017. It will be the first of its kind to provide acute medical and mental healthcare by a team co-led by mental health and medical professionals in a pediatric hospital. Our behavioral health integrated program, which provides consultation and care for pediatric inpatients, and our Hospital-based pediatric psychologists have played a major role in the development of patient care protocols that will standardize care of medical patients in inpatient pediatric and surgical units and the emergency department.

This year we have launched an exciting and innovate neurosciences research program, the Life Span Brain Institute (LiBI). This program of research will lead the nation in scientific discovery for mental health and neurodevelopmental disorders. We are laying a foundation for the future of pediatric and adult neurosciences research.

Our neuroscientists, at CHOP and Penn, continue to lead the nation in research in disorders of attention, cognition, psychosis, mood and anxiety, autism, and medical and mental health comorbidities. LiBI, our newest scientific venture led by Raquel and Ruben Gur, is a University of Pennsylvania-Children's Hospital research initiative focused upon children and adults and will increase our focus on integration of our basic and clinical neurosciences research.

We have had a remarkable year! We have accomplished all of this while not losing sight of the needs of our staff by expanding our mentorship and academic affairs program. Congratulations to all of us! I believe that we have been successful in our goals of providing the best care for children and families — not only at CHOP, but everywhere. Thank you for your contributions. I look forward to another great year.



Tami Benton, M.D.

*Frederick Allen Professor of Child and Adolescent Psychiatry
Chair, Department of Child and Adolescent Psychiatry and Behavioral Sciences*

Facts & Figures

PATIENT VOLUME for CY 2015

34,685	4,490	39,175
Outpatient visits	Inpatient (BHIP) visits	Total visits

MEDICAL STAFF

128

TRAINEES (Academic year 2015-2016)

10	4	
Psychiatry Fellows	Post-pediatric Portal Program Fellows	
8	6	49
Psychology Interns	Psychology Fellows	Psychology Externs

RESEARCH AND FUNDING

250+ Scientific Publications
\$900,338 CY15 NIH Grants
\$1,693,249.95 CY15 Total Research Funding

PUBLIC PROGRAMS

350+

Community members educated

Through the Grand Rounds Series, Infant Mental Health Series, Distinguished Lecture Series, Next Steps into Adolescence & Surviving Cancer Competently Intervention Program – Newly Diagnosed (SCCIP – ND), Penn Behavioral Health MIND

Mission

The Children's Hospital of Philadelphia Department of Child and Adolescent Psychiatry and Behavioral Sciences (DCAPBS) strives to be among the nation's top leaders in children's behavioral health. DCAPBS provides an interdisciplinary approach to improving the behavioral health and development of children and their families, and advances knowledge through excellent clinical care, research, training and advocacy. DCAPBS promotes innovative research and the integration of science and practice, focusing on prevention and intervention. We partner with others within the Hospital, regionally and nationally to increase the availability of evidence-based behavioral services for all patients at CHOP. DCAPBS is committed to outstanding scientist-practitioner training and to supporting the competence of caregivers and staff. Our endeavors integrate disciplines and systems of care in children's health.

Faculty & Clinical Staff

CRNP	4
LCSW	11
LPC	4
MD	26
PhD/PsyD	72
PhD-Neuro	11

Historical Data

FY 2015	
Total Visits	36,872
New Patient Visits	10,526
Revenue Per Visit	\$394
Percent Revenue Growth from 2014	29.48%
Percent growth in visits from 2014	25.51%
Percent growth in new patient visits from 2014	14.54%

FY 2016	
Total Visits	42,612
New Patient Visits	14,866
Revenue Per Visit	\$411
Percent Revenue Growth from 2015	20.57%
Percent growth in visits from 2015	15.57%
Percent growth in new patient visits from 2015	41.23%

Leadership

Tami Benton, M.D., Psychiatrist-in-Chief and Chair, Department of Psychiatry and Behavioral Sciences, Frederick Allen Professor of Psychiatry

Stewart Anderson, M.D., Associate Chair, Director of Research and Professor of Psychiatry, R.A.F. Penrose Endowed Chair in Pediatrics

Thomas Power, Ph.D., Associate Chair, Director of Academic Affairs, Chief Psychologist and Professor of Psychology in Pediatrics and Psychiatry

Avram Mack, M.D., Associate Chair for Patient Safety and Co-Director, Behavioral Health Integrated Program

Administrative Leadership Team

Mary Thompson, M.H.A., Administrative Director

Precious Graham, M.B.A., Behavioral Health Operations Manager

Clinical Directors

Tami Benton, M.D., Psychiatrist-in-Chief and Chair

Lamia Barakat, Ph.D., Director, Psychosocial Services and Professor of Psychology in Pediatrics and Psychiatry

Tom Flynn, Ph.D., Director, Neuropsychology and Pediatric Psychology Programs

Anik Jhonsa, M.D., Medical Director, Emergency Psychiatry

Amy Kim, M.D., Medical Director, Outpatient Clinic and Post Pediatrics Portals Training

Avram Mack, M.D., Co-Medical Director, Consultation Liaison Service

Ambreen Naeem, M.D., Medical Director, Children's Intensive Emotional & Behavioral Service (CIEBS)

Wanjiku F.M. Njoroge, M.D., Medical Director, Young Child Clinic

Chavis Patterson, Ph.D., Director, Psychosocial Services

Raghuram Prasad, M.D., Medical Director, Autism Integrated Care Program

Alex Scharko, M.D., Co-Medical Director, Consultation Liaison Service

Steve Soffer, Ph.D., Director, Outpatient Clinic

Laurel Weaver, M.D., Ph.D., Medical Director, Eating Disorder Program

Carl Wolfarth, M.A., L.P.C., A.C.S., Operations Manager, CIEBS

Clinical Managers

Joanna Cole, Ph.D., Manager, Psychosocial Programs, Center for Fetal Diagnosis and Treatment

Jennifer Sherker, Psy.D., Manager, Psychosocial Programs, Pain & AMPS

Betsy Turner, Ph.D., M.S., Manager, Psychosocial Programs, Gastroenterology

Education Leadership Team

Tami Benton, M.D., Director of Education

Amy Kim, M.D., Director, Post-pediatric Portal Program

Judith Miller, Ph.D., Clinical Training Director, Center for Autism Research, Assistant Professor of Psychology in Psychiatry

Judi Miller, Ph.D., M.S., Training Director, Center for Autism Research

Wanjiku Njoroge, M.D., Associate Director, Child and Adolescent Psychiatry Fellowship Program

Terri Randall, M.D., Associate Director, Child and Adolescent Psychiatry Fellowship Program

Paul Robins, Ph.D., Training Director, Psychology Internship Training Program

Overview of Clinical Programs

Outpatient Clinic Medical Director: Amy Kim, M.D.

Outpatient Clinic Director: Steve Soffer, Ph.D.

General Psychiatry Outpatient Clinic

Location: 3440 Market St.

The General Psychiatry Outpatient Clinic provides assessment, diagnosis and treatment for a wide range of emotional and behavioral disorders. Most patients are seen through this program upon first referral to the department. Clinicians work with families to provide a comprehensive evaluation and a treatment plan that may include individual and family psychotherapy, medication management, or a combination of both.

Anxiety Behaviors Clinic (ABC)

Clinical Director: Katherine Dahlsgaard, Ph.D., A.B.P.P.

Location: 3440 Market St.

The Anxiety Behaviors Clinic (ABC) provides evaluation, cognitive-behavioral therapy, and medication management for children and adolescents ages 4 to 18 with primary anxiety disorders, including:

- Selective mutism
- Separation anxiety disorder
- Phobias
- OCD
- Social anxiety disorder
- Generalized anxiety disorder
- Panic disorder

We also provide behavioral treatment for difficulties that frequently present with anxiety disorders, such as sleep problems, selective eating and tic disorders. The emphasis is on providing evidence-based and empirically supported treatments that involve and engage the whole family. The ABC frequently expands its services and has added several psychologists in recent years who provide cognitive-behavioral therapy for anxiety disorders.

Autism Integrated Care Program

Medical Director: Raghuram Prasad, M.D.

Medical Director: Susan E. Levy, M.D., M.P.H.

Locations: 3440 and 3550 Market St.

In addition to evaluating, diagnosing and creating treatment plans for children with autism spectrum disorder (ASD), the Autism Integrated Care Program at CHOP:

- Creates a positive Hospital experience for children with ASD and their families
- Offers specialty care and interventions for children with ASD
- Provides resources for families, primary care physicians and community providers
- Conducts cutting-edge research into the cause, developmental course and treatments of ASD

Our team of diagnostic experts includes developmental and behavioral pediatricians, neurologists, nurse practitioners, psychiatrists, and psychologists. The care team may also include social workers, behavior therapists, occupational therapists and/or speech therapists. All of our providers specialize in evaluating and caring for children with autism spectrum disorders and are skilled in distinguishing ASD from other conditions to help make an accurate diagnosis for your child.

Integrated outpatient services for children with ASD

Many children with ASD have associated issues that require careful diagnosis, or they may have additional medical and behavioral issues that change over time. The Autism Integrated Care Program connects patients with the CHOP specialists who have expertise in their specific healthcare need and help to coordinate all the care they receive at CHOP.

The Center for Management of ADHD

Director: Thomas Power, Ph.D.

Medical Director: Nate Blum, M.D.

Locations: Bucks County Specialty Care, Brandywine Valley Specialty Care, Exton Specialty Care, King of Prussia Specialty Care, Voorhees Specialty Care and 3440 Market St.

At the Center for Management of ADHD, we provide diagnostic evaluations, therapy and medication for children who have — or are at risk for developing — attention deficit/hyperactivity disorder (ADHD). We are the region's largest and most comprehensive ADHD center, and our services are available at CHOP's Main Campus, as well as several CHOP Care Network locations throughout the Delaware Valley. Children work with a team of healthcare professionals that may include clinical and school psychologists, child and adolescent psychiatrists, developmental and behavioral pediatric physicians and advanced practice nurses.

This team approach to care allows us to offer children 4 through 18 years of age a variety of services aimed at promoting health and wellbeing, including:

- Medication consultation and management
- Family behavior therapy
- Group parent training programs to provide education about ADHD and strategies to promote child's success at home and school

Child and Adolescent Mood Program (CHAMP)

Director: Tami Benton, M.D.

Co-Director: Rhonda Boyd, Ph.D.

Location: 3440 Market St.

Kids and teens with depression or other mood disorders can find help at the Child and Adolescent Mood Program (CHAMP). We treat a variety of conditions, including:

- Depression
- Bipolar disorder
- Anxiety
- Disruptive mood dysregulation disorder
- Frequently co-occurring conditions such as ADHD

Eating Disorder Program

Medical Director: Laurel Weaver, M.D.

Medical Director: Rebecka Peebles, M.D.

Locations: 3440 and 3550 Market St., CHOP Care Network King of Prussia Specialty Care Center

The Eating Disorder Program offers comprehensive outpatient services to children and adolescents with anorexia nervosa and bulimia nervosa. Our treatment program is available to males and females age 5 to 18 years old. Children enrolled in our program are treated by a dedicated team that includes doctors, nurses and psychosocial staff. Team members have a range of specialties including adolescent medicine, psychiatry, nutrition and social work.

Our team of eating disorder specialists will treat patients using a model we call systems-based family therapy. This is an extension of a type of therapy developed by CHOP and the Philadelphia Child Guidance Center. Systems-based family therapy emphasizes the important role that families play in helping their child recover from an eating disorder. An individualized treatment plan will be developed based on each child's and family's needs. Research has proven the effectiveness of the family-centered approach to treatment, and we are one of the only programs in Pennsylvania to specialize in family treatment for eating disorders. The beginning phases of the plan will focus on restoring nutrition and stopping eating disordered behaviors such as purging. Later phases focus on ongoing therapy for children and families as a whole. The goal is for children to resume age-appropriate development with the support of the entire family unit. Treatment includes six to nine months of weekly to biweekly outpatient visits. We work collaboratively with the Department of Adolescent Medicine, requiring medical and psychiatric appointments at recommended intervals. Initial treatment is followed by three to six months of follow-up "booster" care. Some patients may require medical stabilization as an inpatient at The Children's Hospital of Philadelphia before beginning outpatient treatment. This is determined on a case-by-case basis. Depending on the child's need and age, he or she may be able to attend either program or both in succession for two to six months. The programs are designed to meet the varying needs of each child and family.

Family Stress and Illness Program

Director: Paul Robins, Ph.D.

Location: 3440 Market St.

Families that are dealing with a child's illness often face significant stresses in their lives. During these challenging times, families can harness their unique strengths to help manage illness and improve their child's long-term outcomes. The experts at CHOP's Family Stress and Illness Program (FSIP) are specially trained to recognize the stressors that are affecting families and the particular challenges presented by each child's course of care. Our team partners with family members, including the child, and the child's doctors to address the associated psychological challenges the family experiences as members cope with illness.

Our FSIP team provides individual and family therapy for children and adolescents ages 3 to 18 with acute or chronic illness. Our goal is to optimize each child's care and health outcomes and family adjustment. The FSIP team includes pediatric psychologists and psychologists-in-training who focus on the impact of chronic illness on individual and family functioning. We help families caught in negative interactional patterns learn new ways to help their children and move forward in their development. The program embraces a twofold mission of clinical care and teaching. Our experts are leaders in their field and offer care that integrates best practices in pediatric medicine and psychology.

To develop a customized plan for each family, our experts will:

- Meet with each family to better understand its needs and concerns.
- Consult with each child's doctor(s) to assess existing and potential challenges in the management of the child's illness.
- Provide counseling that supports each family as it moves forward with implementing changes.

The International Adoption Health Program

Clinic Director: Stephanie Drabble, LCSW

Location: Main Hospital Wood Center and King of Prussia Specialty Care Center

The International Adoption Health Program strives to meet the needs of both the adopting family and the adoptive child throughout the adoption process. We also support families during the child's first years with his or her new family. Our team aims to help families gain knowledge and understanding of the implication of medical, emotional and developmental histories of their potential child(ren) and to offer guidance during transition phase of the adoption process and beyond.

Pre-adoption counseling

Review of the child's records can help a family understand more about their prospective child and recognize the issues this child may have upon arrival or transition into their home. Pre-adoption counseling helps parents make an informed decision about whether the child is a good fit for their family and to appropriately prepare for bringing the child home. Preparing for meeting and travelling with the child and understanding immediate physical and behavioral needs can help ease the travel and transition period both the child and the parents.

Post-adoption consultation

Our consultation service is available to adoptive families, pediatricians and other healthcare providers. Initial consultation shortly after the child's arrival into the home will be with a pediatrician and an occupational therapist. Our team members have extensive experience caring for adopted children who:

- Have special healthcare and developmental needs
- Have lived in institutions or foster homes
- Have been exposed to drugs, alcohol or other toxins
- Have a biological family history of psychiatric disease
- Have experienced, witnessed or been an active part of abuse or neglect

Early emotional adjustment to the new family, growth, development, feeding, sleeping, health issues and immunization planning are among the issues our team will address. Our team works to review the child's history; help educate the family about potential issues; and support adoptive parents in the early, post-adoption issues; We are there to support children and families if they're faced with longer term challenges. Consultation is also available for children who have already been with their families for months or years, and whose emerging or persisting issues may be physical, behavioral or developmental. Our team of physicians also support families by communicating with their primary pediatricians concerning the ongoing care of referred children. To empower families with the best knowledge and care they may need to help their child thrive, our team also makes referrals to specialists at CHOP and to community resources when indicated.

Therapy is often recommended for children who have special healthcare and developmental needs, who have lived in institutions or foster homes, and who may have experienced abuse or neglect. Through various therapies available at CHOP, our team helps facilitate the advancement of developmental skills, feeding and nutrition.

Pediatric Psychology Integrated Program

The Clinical Director: Thomas Flynn, Ph.D.

Locations: Wood Center, Buerger Center for Advanced Pediatric Care, CHOP Main Building

Many specialty medical programs within Children's Hospital include pediatric psychologists as part of their medical treatment teams. Our pediatric psychologists specialize in providing assessment, intervention and consultation services to children who need help adjusting to a diagnosis, adhering to treatment, or who may require support related to the trauma of their illness or procedure.

Members of our multidisciplinary team treat patients with acute and chronic pediatric illnesses, including:

- Attention deficit/hyperactivity disorder
- Autistic spectrum disorders
- Behavioral and school difficulties
- Cancer and cardiac conditions
- Enuresis and encopresis
- Feeding disorders
- Gastrointestinal disorders
- Learning disabilities
- Neurodevelopmental disorders
- Obesity
- Organ and stem cell transplantation
- Sickle cell disease
- Traumatic injury

Our services

- Assessments
 - Cognitive and developmental assessments
 - Neuropsychological evaluations
- Evaluation of emotional, social and family functioning
- Interventions
 - Child therapy
 - Family therapy
 - Pain and stress reduction approaches
- Consultations

We consult with medical teams throughout the Hospital about the psychological well-being of patients and families and treatment adherence. We also consult with school counselors when needed.

Young Child Clinic

Clinical Director: Wanjiku F.M. Njoroge, M.D.

Co-Director: Stephanie Drabble, L.C.S.W.

Location: 3440 Market St.

The Young Child Clinic (YCC) serves families with young children who have emotional and behavioral challenges. We treat children from birth through kindergarten. The evidence shows that nearly 10 percent of preschoolers have a severe impairing psychiatric disorder. Psychiatric impairment interferes with caregiver-child relationship, social-emotional development, ability to participate in child care and early learning environments, family functioning, and optimal developmental trajectory. We know that healthy, early childhood social-emotional development is essential for educational readiness, social well-being and preventative mental health. These emerging capacities arise early from the critical, complex and intimate interactions with others that become embedded in the developing structure of a genetically unique brain. Early childhood research continues to demonstrate the power and necessity of these interactive experiences for social-emotional wellness and many other closely linked developmental capacities. Our multidisciplinary clinic, offered by a team of psychologists, psychiatrists and social workers, works together to provide the best possible care to support children's ongoing growth and development.

The expert staff of the YCC offers comprehensive evaluation and treatment recommendations for children with:

- Disruptive behavior disorders
- Behavior problems, with or without developmental or learning delays
- Anxiety disorders
- Mood disorders (depression)
- Attachment or relationship problems
- History of early childhood neglect or disrupted placement
- Trauma and stressor-related disorders
- Behavioral issues related to chronic medical conditions

After multiple evaluations are complete and recommendations are shared with the family, we may offer a combination of the following services:

- Parent-child interaction therapy: Proven treatment program that focuses on promoting positive parent-child relationships and interactions, and teaching parents effective child management skills
- Psychiatric consultation: Multisession evaluation includes comprehensive, multi-axial assessment and formulation followed by detailed written report
- Medication evaluation: Comprehensive evaluation and recommendations for treatment with medication
- Play therapy: Individual assessment that includes child-directed play
- Clinical work with parents: Parent engagement in treatment plan development and child's ongoing care

Behavioral Health Integrated Program

Directors: Alexander Scharko, M.D. and Avram Mack, M.D.

Location: CHOP Main Building

The Behavioral Health Integrated Program (BHIP), a consultation liaison service, provides comprehensive assessments to children who are hospitalized for medical illnesses. Staff is available for inpatient and outpatient psychiatric, psychological and psychosocial consultation, evaluation, and treatment. Referrals to this service come from the patient's attending physician. Issues often addressed on our service include:

- Urgent assessment and intervention, and safety planning with mental health crises
- Evaluation, medication management and supportive therapy for mental health needs including: mood and anxiety disorders, psychotic symptoms, substance misuse
- Evaluation and intervention for Eating Disorders including Anorexia Nervosa and Bulimia Nervosa
- Intervention for behavioral or emotional concerns that interfere with medical treatment
- Supportive therapy for patients and families in coping with chronic illness or trauma
- Assessment of organic mental health syndromes that result in alteration of mental status
- Evaluation and treatment of unexplained physical symptoms that may be a result of psychological processes

Children's Intensive Emotional and Behavioral Services (CIEBS)

Medical Director: Ambreen Naeem, M.D.

Location: CHOP Care Network Atlantic County Specialty Care

Operations Manager: Carl Wolfarth, M.A., L.P.C., A.C.S.

Children's Intensive Emotional and Behavioral Services (CIEBS) provides comprehensive psychiatric partial hospitalization services in a trauma-informed, behaviorally based therapeutic setting to children in the Atlantic, Cape May, Cumberland and Ocean Counties of New Jersey. The program is for children between the ages of 5 and 13 who have significant emotional, behavioral and social needs. Children are referred to us by schools, pediatricians, the mental health community, child protective services and parents. Our patients have a variety of behavioral, emotional and social needs that are significantly impacting the child's ability to learn and participate constructively in their home, school or community.

CIEBS offers two separate but integrated psychiatric programs:

- Children's Intensive Emotional and Behavioral Program, a full-day psychiatric program that runs six hours a day (9 a.m. to 3 p.m.), five days a week. The program is available for children age 5 to 13.
- The Children's Extended Day Hospital Program, an extended-day psychiatric program that runs 4½ hours a day (3 to 7:30 p.m.), two to four days a week. The program is available for children age 8 to 13.

Neuropsychology and Assessment Service

Director: Thomas Flynn, Ph.D.

Location: Children's Seashore House and CHOP Main Building

The Neuropsychology and Assessment Service treats:

- Children with known or possible brain trauma
- Children whose medical condition or treatment is placing them at risk for neuropsychological problems
- Children with developmental problems that affect their behavior and learning

Psychologists and neuropsychologists test memory, attention, language and information processing to assess brain functioning and the need for intervention. The team produces extensive reports based on its evaluations and helps make treatment and service recommendations.

Overview of Current Research Program

The Department of Child and Adolescent Psychiatry and Behavioral Sciences includes a wide range of research activities — such as the use of transgenic mice and mice and human stem cells to model human brain development in normal and disease-like conditions, the study of genetics of neuropsychiatric disorders, and the development of new approaches for optimizing the education of children with ADD in public schools. The ultimate goal of this research, whether focused on genes, brain circuitry, psychosocial influences on behavior or combinations of these, is to improve both the immediate health and the developmental trajectory of children in our care. Publications can be found in Appendix C and grants in Appendix D.

The Lifespan Brain Institute (LiBI) is a multidisciplinary research initiative dedicated to translational investigation of brain structure and function in youth applying cutting-edge technology.

Below are those actively involved in research within the department and their primary research focus:

Stewart A. Anderson, M.D.

Associate Professor of Psychiatry with Tenure at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania

Research Director, Department of Child and Adolescent Psychiatry and Behavioral Sciences

Brain development in autism, schizophrenia and epilepsy using animal models and human stem cells

Lamia P. Barakat, Ph.D.

Professor of Clinical Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry and Department of Pediatrics, Perelman School of Medicine at the University of Pennsylvania

Psycho-oncology; clinical trials enrollment

Tami D. Benton, M.D.

Associate Professor of Psychiatry at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania

Psychiatrist-in-Chief and Chair, Department of Child and Adolescent Psychiatry and Behavioral Sciences

Pediatric mood and anxiety disorders, sickle cell disease and psychiatric conditions, HIV and psychiatric conditions, neuroimmunology and mood disorders

Robert I. Berkowitz, M.D.

Professor of Psychiatry at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania

Genomic and behavioral bases for pediatric obesity and associated eating disorders; behavioral and pharmacological treatment of pediatric obesity and binge eating disorder

Karin E. Borgmann-Winter, M.D.

Assistant Professor of Psychiatry at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania

Cellular and molecular underpinnings of depression and schizophrenia

Rhonda C. Boyd, Ph.D.

Associate Professor of Clinical Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry and Department of Pediatrics, Perelman School of Medicine of the University of Pennsylvania

Maternal depression, preventive interventions, developmental psychopathology for at-risk youth, mental health disparity

Ricardo Eiraldi, Ph.D.

Associate Professor of Clinical Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry & Department of Pediatrics, Perelman School of Medicine at the University of Pennsylvania

Assessment and treatment of ADHD; dissemination and implementation of mental health evidence-practices in schools

Raquel E. Gur, M.D., Ph.D.

Professor, Department of Psychiatry with secondary appointments Departments of Neurology and Radiology, Perelman School of Medicine at the University of Pennsylvania

Director, Lifespan Brain Institute, Department of Child and Adolescent Psychiatry and Behavioral Sciences

Neurodevelopmental studies of brain and behavior in psychosis

John Herrington, Ph.D.

Assistant Professor of Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania
Autism spectrum disorder, anxiety, cognitive neuroscience, psychophysiology

Matthew C. Hocking, Ph.D.

Assistant Professor of Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania
Neurodevelopmental and family outcomes of childhood cancer, psychosocial intervention in childhood cancer

Stephen S. Leff, Ph.D.

Professor of Clinical Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry and Department of Pediatrics, Perelman School of Medicine at the University of Pennsylvania
Therapeutic implications of the roles of gender and social cognition in aggression

Jennifer A. Mautone, Ph.D.

Assistant Professor of Clinical Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania
Family-school-health system collaboration, school mental health, integrated behavioral health in primary care, improving access to evidence-based care for underserved communities

Judith S. Miller, Ph.D., M.S.

Assistant Professor of Clinical Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania
Screening, identification, differential diagnosis, and phenotype research on Autism Spectrum Disorders and related conditions.

Julia Parish-Morris, Ph.D.

Research Assistant Professor of Clinical Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania
Development of language and social cognition in individuals with autism spectrum disorder, using NLP, machine-learning and infrared eye tracking

Thomas J. Power, Ph.D., A.B.P.P.

Professor of School Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry & Department of Pediatrics, Perelman School of Medicine at the University of Pennsylvania
Assessment and treatment of ADHD

Robert T. Schultz, Ph.D.

Professor of Psychiatry with Tenure at The Children's Hospital of Philadelphia, Department of Psychiatry and Department of Pediatrics, Perelman School of Medicine at the University of Pennsylvania
Developmental disabilities including autism and genetic syndromes, quantitative phenotyping, outcome measure development, cognitive neuroscience/imaging

C. Alix Timko, PhD

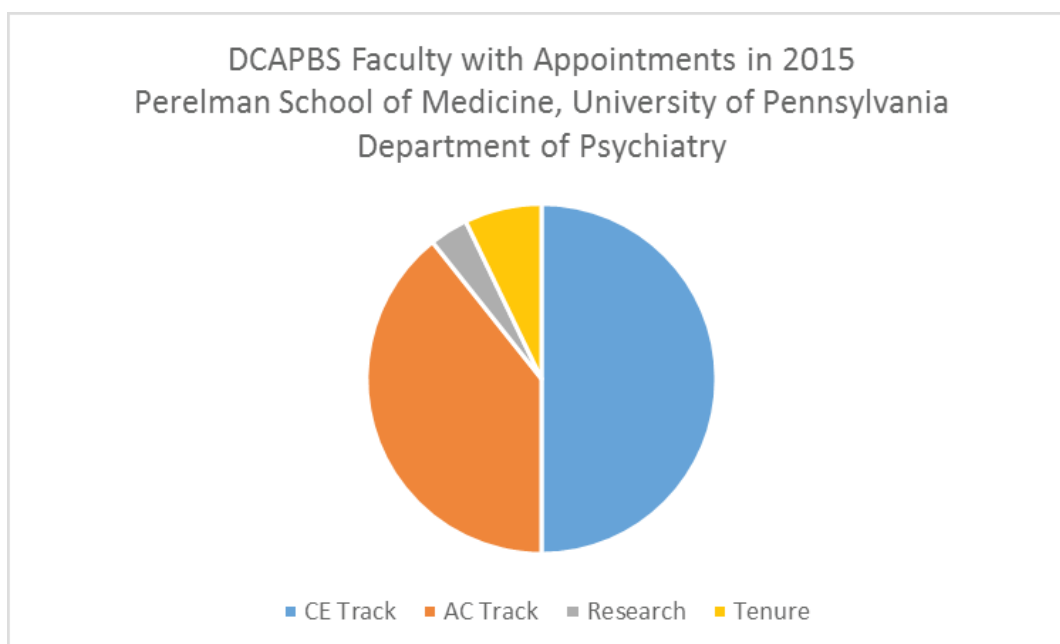
Assistant Professor of Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania
Eating disorders in children and adolescents, use of acceptance based behavioral treatment, the role of executive functioning and hormones in anorexia

Benjamin E. Yerys, Ph.D.

Assistant Professor of Psychology at The Children's Hospital of Philadelphia, Department of Psychiatry, Perelman School of Medicine at the University of Pennsylvania
Brain function and treatment of attention and cognitive control in autism, ADHD, and other neurodevelopmental disorders

Faculty Affairs

As of June 30, 2016, we have 29 faculty members appointed to the Perelman School of Medicine at the University of Pennsylvania. Thomas Power, Ph.D., Associate Chief of Academic Affairs and Professional Development, meets with interested candidates and assists them in identifying the most suitable track and rank for them. Dr. Power serves as a resource for candidates in developing their academic and mentoring plans. The Academic Affairs Committee in DCAPBS (Stewart Anderson, M.D., Lamia Barakat, Ph.D., Robert Berkowitz, M.D., Karin Borgmann M.D., Paul Robins, Ph.D., Anthony Rostain, M.D., and Robert Schultz, Ph.D.) carefully reviews the academic materials of each candidate, raises and discusses questions, and makes recommendations about readiness for appointment, changes to the academic plan, and revisions to the mentoring plan. Dr. Power works with candidates and the Academic Affairs Committee to resolve questions that are raised. With the approval of Tami Benton, M.D., Division Chief, Dr. Power then advances candidates to the next steps of the appointment process, including review by the Committee on Appointments and Promotions (COAP) in the Department of Psychiatry and the School of Medicine and review by the Office of the Provost. Stephanie Brennan, M.H.A., serves as the Academic Coordinator for Academic Affairs and Professional Development. She assists candidates in preparing their materials for appointment, reappointment and promotion, and she maintains their teaching data. During the past three years, there has been a rapid growth in faculty, particularly on the Academic Clinician (AC) track, which is appropriate for faculty engaged primarily in clinical practice, teaching, and leadership.



Training

Psychiatry Training Program

Director: Tami Benton, M.D.

Associate Training Directors: Terri Randall, M.D., and Wanjiku Njoroge, M.D.

Psychiatry training began at the Philadelphia Child Guidance Center in 1925, and when it merged with The Children's Hospital of Philadelphia in 1996, the child and adolescent fellowship program became part of the CHOP Department of Child and Adolescent Psychiatry.

The Department of Child and Adolescent Psychiatry blends modern psychiatry with the richness of one of the first child and family community mental health centers in the nation. We offer a two-year, ACGME-approved Child and Adolescent Psychiatry Fellowship Program. The Department of Child and Adolescent Psychiatry is part of the Division of Child and Adolescent Psychiatry at the University of Pennsylvania, accepting five PGY 4 or 5 residents each year.

The mission of the Child and Adolescent Psychiatry Fellowship Program is to train competent, passionate child and adolescent psychiatrists who will serve as model clinicians, educators and advocates within the field of medicine and other disciplines. Our dynamic program provides fellows with a thorough understanding of child and adolescent development, psychopathology, etiology and natural history, and medical and behavioral treatments.

Fellows participate in a wide range of clinical, research and didactic activities. Didactic seminars occurring during a protected day emphasize normal development, phenomenology, psychopathology, psychotherapeutic and pharmacologic interventions, consultation strategies, and research methodology. A wide range of theoretical perspectives and modalities are emphasized for the care of infants, preschool children, grade-school children, adolescents and their families.

Fellows have the opportunity to work with children of all ages in a wide variety of treatment settings. Additionally, they will gain experience in research and education to help them become a critical consumer of new information, at the very least, or a contributor, if so desired.

Post-pediatric Portal Program

Director: Amy Kim, M.D.

The Post-pediatric Portal Program is a three-year combined training program in general psychiatry and child and adolescent psychiatry, which initially began as an ACGME Special Innovations Project, and is now an approved combined training program overseen by the American Board of Psychiatry and Neurology. Portal trainees complete 18 months of general psychiatry training through the ACGME accredited psychiatry residency program at the Hospital of the University of Pennsylvania, and an additional 18 months of child and adolescent psychiatry training through the ACGME accredited child and adolescent psychiatry fellowship at the Children's Hospital of Philadelphia.

Physicians who have completed a core pediatric residency are eligible to apply. Upon successful completion of the program, graduates are eligible for the board certification examinations in Adult Psychiatry and Child and Adolescent Psychiatry.

Typical applicants are individuals who have recently completed their pediatric residency (within the past five years) or later career pediatricians seeking additional training/career shifts in psychiatry and child and adolescent psychiatry.

Graduates of our Post-pediatric Portal Program have chosen to work in outpatient general psychiatry, outpatient child and adolescent psychiatry, consultation-liaison psychiatry, emergency psychiatry, and integrated mental healthcare within primary care settings.

Psychology Training Program

Internship Director: Paul Robins, Ph.D.

Associate Training Directors: Tom Flynn, Ph.D., Debra S. Lefkowitz, Psy.D., and Steve Soffer, Ph.D.

Externship and Fellowship Director: Lauren Krivitzky, Ph.D., A.B.P.P.-C.N.

At The Children's Hospital of Philadelphia, psychologists provide training in assessment, consultative, intervention and prevention services to infants, children, adolescents and families across a wide variety of medical, behavioral and psychosocial concerns, across medical inpatient, outpatient, primary care and community contexts.

Faculty and staff promote the integration of empirically supported research and clinical service through research, teaching and clinical activities within an academic medical setting.

Psychology Internship Program

The Psychology Internship Program at The Children's Hospital of Philadelphia is a one-year clinical experience and includes six to 10 interns matched nationally. The goal of the Psychology Internship Program is to train future child psychologists for entry-level professional practice.

Specifically, the program aims to prepare advanced doctoral-level students to take leadership roles in developing, providing, evaluating and disseminating effective psychological services for the diverse population of children and families with health and/or mental health needs. The program is committed to preparing psychologists as leaders in the field who will be engaged in clinical practice, interdisciplinary collaboration, advocacy and scientific investigation.

Interns participate in a cumulative sequence of clinical rotations, individual and group supervision, and a variety of didactic learning forums. These training opportunities guide interns in the application of empirically supported interventions, within the multiple contexts of a child's development.

Clinical training tracks

- 1. Autism Spectrum Disorders.** This track is designed for interns wishing to pursue clinical and research careers related to the field of autism spectrum disorders (ASD). Interns in this track spend approximately 50 percent of clinical training in assessment and consultation rotations within the Center for Autism Research (CAR) and the Autism Integrated Care Program. Assessment competencies are accomplished through track-specific clinical rotations related to ASD. Interns in the ASD track also complete a second year of funded training as clinical postdoctoral fellow through CAR. Postdoctoral training at CAR is primarily focused on clinical development and preparation for licensure by providing clinical support to a variety of research projects, with scientific participation to the extent it matches the trainee's interests and goals.
- 2. Behavioral Health Integrated Care.** This track provides training for interns wishing to pursue clinical careers in providing integrated intervention and consultation services to children, families, medical providers and school personnel within underserved communities. Interns in this track will spend approximately 66 percent of their total clinical hours dedicated to pediatric primary care. Both the intervention and consultation competencies are accomplished through track-specific clinical rotations.
- 3. Clinical Child Psychology.** This track provides training for interns wishing to obtain more focused training in assessment and/or intervention skills in children with anxiety, depression, ADHD and behavioral disorders. There are no required rotations on this track, and interns are encouraged to participate in clinical rotations that support their training goals.
- 4. Pediatric Neuropsychology.** This track provides training for interns wishing to pursue a career as a pediatric neuropsychologist. Interns devote approximately 66 percent of their clinical training within track-specific rotations. During the first half of the year, interns participate in the inpatient neuropsychological assessment rotation, paired with the inpatient rehabilitation rotation (consultation), and select an intervention rotation. During the second half of the year, interns typically participate in the outpatient neuropsychological assessment rotation, paired with an outpatient consultation (in recent years, Stroke Clinic), and select an intervention rotation.
- 5. Pediatric Psychology.** This track provides training for interns wishing to pursue a career as a pediatric psychologist. There are no track-specific required rotations, and interns are encouraged to participate in clinical rotations that support their training goals, selecting from the wide range of Hospital-based assessment, consultation and intervention rotations.

Psychology Fellowship Training Program

The primary goal of the Postdoctoral Fellowship Program in Clinical Psychology is to help fellows develop the clinical and research skills necessary to provide care for diverse pediatric populations and to obtain a position in a pediatric healthcare setting or university-based training program.

Fellows will participate in a variety of clinical and didactic experiences, and will have opportunities to integrate research goals into their overall plan for the fellowship. In addition, fellows may have opportunities to supervise interns, externs and practicum students and to collaborate in multidisciplinary forums (case-centered consultations, research activities). We are committed to promoting the strongest match possible between the training needs and goals of the fellows, and our program mission and goals.

Faculty members of the Fellowship Program in Clinical Psychology offer many fellowship experiences, as funding permits. Our four general areas of specialization are:

- Pediatric Psychology — with placements in Oncology, Plastic Surgery, Injury Prevention, Solid Organ Transplant and Sleep Medicine, as examples.
- Clinical/Community/Schools Psychology — with placements commonly available in the Center for the Management of ADHD, community-based youth Violence Prevention Initiative and Behavioral Health in urban schools.
- Autism Spectrum Disorders — with placements specializing in autism spectrum disorders.
- Pediatric Neuropsychology — with placements fulfilling INS-Division 40 and Houston Conference guidelines for training in neuropsychology.

Although these specialized postdoctoral fellowships vary in their clinical, didactic and research opportunities, there is a community of psychology postdoctoral fellows who share some common experiences throughout their fellowship training.

Psychology Externship Program

The Child and Adolescent Psychiatry and Behavioral Sciences Externship Program consists of year-long or semester-long rotations in one (or more) of our clinical programs. Psychology externs are typically at CHOP for rotations two days per week and have the opportunities to participate in various clinical and research activities. The majority of these experiences involve assessment, consultation and treatment of patients with various pediatric medical and mental health conditions. Externs also have the opportunities to work with caregivers and families and may also be asked to assist with research projects and program development. Externship students may also have the opportunity to attend educational presentations, such as lectures, grand rounds and seminars, relevant to pediatric conditions and professional development of healthcare providers. By providing such opportunities, we hope to contribute to the students' professional growth, education and competence. We recruit students from psychology doctoral programs throughout the Philadelphia region (and often beyond) and typically take 30 to 40 externship students per academic year.

Appendix A: Current Psychiatry Fellows (2015-2016 Academic Year)

First year CAP Fellows

Adrienne Clark, MD

Psychiatry residency: Hospital of the University of Pennsylvania

Education: The University of Pittsburgh School of Medicine

Andi Fu, MD

Psychiatry residency: Hospital of the University of Pennsylvania

Education: University of Pennsylvania

Stacy McAllister, MD

Psychiatry residency: Mount Sinai

Education: Sidney Kimmel Medical College (Thomas Jefferson University)

Juliet Muzere, DO

Psychiatry residency: Morehouse School of Medicine

Education: Rowan University School of Osteopathic Medicine

Barbara Robles-Ramamurthy, MD

Psychiatry residency: Hospital of the University of Pennsylvania

Education: Baylor College of Medicine

Second Year CAP Fellows

Patrick Cleary, MD

Psychiatry residency: University of Maryland/Sheppard Pratt

Education: Drexel University College of Medicine

William Kim, MD

Psychiatry residency: Thomas Jefferson University

Education: Sidney Kimmel Medical College (Thomas Jefferson University)

Pradipta Majumder, MD

Psychiatry residency: Mount Sinai Group of Hospitals at St Luke's Roosevelt Hospital Center

Education: Medical College (Kolkata, India)

Nirali Patel, MD

Psychiatry residency: University of Chicago

Education: Georgetown University School of Medicine

Varun Sharma, MBBS

Psychiatry residency: SUNY Downstate Medical Center and Kings County Hospital Center

Education: University College of Medical Sciences (New Delhi, India)

Appendix A: Current Psychiatry Fellows (2015-2016 Academic Year) cont.

Firstyear Post-pediatric Portal Program fellows

Gabriela Andrade, MD

Pediatric residency: Boston Children's Hospital/Boston Medical Center

Education: Vanderbilt University School of Medicine

Preeti Soi, MD

Pediatric residency: Cooper University Hospital

Education: St. George's University School of Medicine

Thirdyear Post-pediatric Portal Program fellows

Catharyn Turner, MD

Pediatric residency: Stanford Hospital and Clinics

Education: The University of Iowa Carver College of Medicine

Jeein Yoon, MD

Pediatric residency: Cleveland Clinic

Education: Ewha Women's University (Seoul, South Korea)

Appendix B: Current Psychology Trainees (2015-2016 Academic Year)

Interns

Emily Becker, Clinical Child Psychology, University of Miami

Chelsea Black, Neuropsychology, Temple University

Whitney Guthrie, Autism Spectrum Disorders, Florida State University

Anna Hung, Integrated Behavioral Health, Miami University of Ohio

Alexandra Psihogios, Pediatric Psychology, Loyola University of Chicago

Whitney Raglin Bignall, Integrated Behavioral Health, University of Cincinnati

Lauren Swift, Integrated Behavioral Health, University of Delaware

Ariel Williamson, Integrated Behavioral Health, University of Delaware

Appendix B: Current Psychology Trainees (2015-2016 Academic Year) cont.

Fellows

Brenna Maddox, Center for Autism Research, Virginia Tech

Jennifer Maldarelli, Center for Autism Research, Tulane University

Krista Mehari, School Community Based Interventions for Aggression and Bullying Among Urban Youth Virginia Commonwealth University

Elizabeth Robinson, Pediatric Psychology , Virginia Commonwealth University

Billie Schwartz, Behavioral Health in Urban Schools Program, University of Miami

Ashley Whitaker, Neuropsychology, Alliant International University

Externs

Agnes Konokpa	Gwen Lawson	Matthew Carper
Amanda NeMoyer	Hai Duong	Melanie Franklin
Azlen Theobald	Heather Clifford	Mina Yadegar
Becky Cheung	James Abiola	Mira Mooreville
Brittany Pollack	Jessica Bodie	Mirzya Syed
Caitlin Clements	Jessica Hamilton	Mona Elgohail
Catherine Madden	Julie Petersen	Morgan Kamedrde
Cecilia Gaultney	Justine Benedicks	Rachel Keegan
Christina Bricca	Katherine Gentile	Richa Aggarwal
Courtney DeAngelis	Kristina Puzino	Sarah Amedoro
Courtney Murphy	Laura Wallace	Sarah Morris
Danielle Brinkman	Lauren Brumley	Tamique Ridgard
Danielle Ryan	Lauren DeRuyter	Victoria Grunberg
Darcy Burgers	Lucy Lubinski	Bethany Watson
Eleanor Benner	Maria Hoff	Izabela Milianiak
Emilo Valadez	Maria Lauer	
Emily Stasko	Mark McCurdy	

Appendix C: Publications

Research Publications, peer reviewed (print or other media):

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- Boyd, R.C., Mogul, M., & O'Hara, M.W.:** A Pilot investigation to enhance behavioral health referral for perinatal, low-income women with mood disorders. *Progress in Community Health Partnerships: Research, Education, and Action*, 9(4), 583-389, 2015.
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Research Publications, peer-reviewed reviews:

Alfaris N, Minnick AM, Hopkins CM, Berkowitz RI, Wadden TA. Combination phentermine and topiramate extended release in the management of obesity. *Expert Opin Pharmacother*. 2015 Jun;16(8):1263-74. doi: 10.1517/14656566.2015.1041505. Review. PMID: 25958964

Anderson SA, Parent JM (2015). Reprogramming patient-derived cells to study the epilepsies. *Nature Neuroscience*. Mar;18(3):360-366. PMID:25710838

Chu J, Anderson SA (2015). Development of Cortical Interneurons. *Neuropsychopharmacology*. Jan;40(1):16-23. PMC4262895

Hartung, E.A., Laney, N., Kim, J.Y., Ruebner, R.L., Detre, J.A., Liu, H.S., Davatzikos, C., Erus, G., Doshi, J.J., Schultz, R.T., Herrington, J.D., Jawad, A.F., Moodal, D.G., Gur, R.C., Port, A.M., Radcliffe, J., Hooper, S.R., Furth, S.L.: Design and methods of the NiCK study: neurocognitive assessment and magnetic resonance imaging analysis of children and young adults with chronic kidney disease. *BMC Nephrology* 16: 16-66, 2015.

Hocking, M.C., McCurdy, M., Turner, E., Kazak, A.E., Noll, R.B., Phillips, P., Barakat, L.P.: Social competence in pediatric brain tumor survivors: application of a model from social neuroscience and developmental psychology. *Pediatric Blood & Cancer*, 62: 375-384, 2015.

Kerns, C.M., Kendall, P.C., Zickgraf, H., Franklin, M.E., Miller, J.N., Herrington, J.D.: Not to be overshadowed or overlooked: Functional impairments associated with comorbid anxiety disorders in youth with ASD. *Behavior Therapy* 46(1): 29-39, Jan 2015.

Ramsdell, K.D., Smith, A.J., Hildenbrand, A.K., Marsac, M.L.: Posttraumatic stress in school-age children and adolescents: Medical providers' role from diagnosis to optimal management. *Pediatric Health, Medicine and Therapeutics*, 6: 167-180, 2015. doi: 10.2147/PHMT.S68984

Rostain A.L. “Cultural issues, myths, misinformation, and health care-seeking behaviors of Hispanic patients with ADHD and their families.” *J Clin Psychiatry*. 2015 Jan; 76(1):e2. doi: 10.4088/JCP.13009txic

Rostain A.L., Diaz Y., Pedraza J. “Barriers to care for Hispanic adults with ADHD.” *J Clin Psychiatry*. 2015 Jan; 76(1):45-8; quiz 48. doi: 10.4088/JCP.13009c05c.

Rostain A.L., Diaz Y., Pedraza J. “Solutions for treating Hispanic adults with ADHD.” *J Clin Psychiatry*. 2015 Feb; 76(2): 170-3. doi: 10.4088/JCP.13009c06c.

Rostain A.L. “Health care-seeking behaviors of African American ADHD patients and their families: overcoming economic and cultural barriers.” *J Clin Psychiatry*. 2015 Feb; 76(2):e4. doi: 10.4088/JCP.13008tx1c.

Rostain A.L., Ramsay J.R., Waite R. “Cultural background and barriers to mental health care for African American adults.” *J Clin Psychiatry*. 2015 Mar; 76(3):279-83. doi: 10.4088/JCP.13008c05c.

Rostain A.L., Ramsay J.R., Waite R. “Culturally competent strategies for assessing and treating ADHD in African American adults.” *J Clin Psychiatry*. 2015 May; 76(5):592-6. doi: 10.4088/JCP.13008c06c.

Schultz, B.K., Arora, P., & Mautone, J.A.: Consultation and coaching to increase the uptake of evidence-based practices: Introduction to the special issue. *School Mental Health* 7: 1-5, 2015.

Tatard-Leitman, VM Jutzeler, CR, Suh, J, Saunders, Billingslea, E, Morita, S, Whit, RS, Featherstone, R, Ray, R, Ortinski, P, Banerjee, A, Gandal, M, Lin, R, Alexandrescu, A, Liang, Y, Borgmann-Winter, K, Gur RE, Carlson, G, Hahn, CG, Siegel, S. Pyramidal cell selective ablation of NMDA-R1 causes increase in cellular and network excitability. *Biological Psychiatry*. March 15; 77(6):556-68, 2015.

Research Publications, non-peer reviewed:

Ridgard, T. J., Laracy, S. D., DuPaul, G. J., Shapiro, E. S., & Power, T. J. (2015, October). Trauma-informed care in schools: A social justice imperative. *Communique of the National Association of School Psychologists*, 44(2), 1, 12-15.

Abstracts, Peer Reviewed Presentations, and Posters:

Artz, Z., Harms, L., Sullivan, J., & Barakat, L.P. (May, 2015). Integrating psychosocial education in patient/family education for caregivers of newly diagnosed children with cancer. Oral presentation at the annual meeting of the American Association of Pediatric Oncology Social Workers, Whitefish, MT.

Bakulski, K.M., Feinberg, J.I., Brown, S.C., Newschaffer, C.J., Croen, L.A., Hertz-Picciotto, I., Landa, R.J., Levy, S.E., Ozonoff, S., Pandey, J., Feinberg, A.P., et al. Maternal Blood DNA Methylation During Pregnancy and Autism Observational Scale for Infants (AOSI) Score at 12-Months in the Early Autism Risk Longitudinal Investigation (EARLI). *The International Meeting for Autism Research*; 2015.

Bansal, P.S., Nissley-Tsiopinis, J, Eiraldi, R. Hostile Attribution Bias as a Predictor of ODD in Pediatric ADHD. Presented at the 2015 Annual Convention of the Association for Psychological Science, NY, May 21, 2015.

Barakat, L.P., Britton, E., David, K., Reilly, A., Rogerwick, S., Sullivan, J., & Schwartz, L. (July, 2015). The Psychosocial Services Program of The Children’s Hospital of Philadelphia (CHOP) Cancer Center: translating research into practice. Oral presentation as part of a symposium on models of care in pediatric psycho-oncology at the 2015 World Congress of Psycho-Oncology and Psychosocial Academy Workshops, Washington, DC.

Bartley, G.K., Liu, H.S., Herrington, J.D., Yerys, B.E., Detre, J.A., Schultz, R.T.: “Cerebral blood flow biomarkers of autism during a passive viewing task” Annual Meeting for the International Society for Autism Research in Salt Lake City, Utah, May, 2015

Berger, K., Olkkola, M., Cole, J., Lynch, K., Moldenhauer, J.: Implementation of universal postpartum screening on a high risk L&D unit specializing in delivering babies with birth defects. (Poster session presented for The Association of Women’s Health, Obstetric and Neonatal Nursing Annual Conference, Long Beach, CA, June, 2015).

Berger, K., Olkkola, M., Lynch, K., Moldenhauer, J., Cole, J.: Psychological screening among mothers of babies with fetal abnormalities: A two-time point study. (Poster session presented for the American Psychological Association Annual Convention, Toronto, Canada, August, 2015).

Bonacquisti, A., Geller, P.A., & Patterson, C.A. (2015, February). Current investigation of psychological symptoms and treatment among mothers of infants in the neonatal intensive care unit. Poster presented at the CHOP Research Poster Day, Philadelphia, PA. “Disparities and Inequity in America: the Voice of Child and Adolescent Psychiatry”, Invited Roundtable Presentation at the American Academy of Child and Adolescent Psychiatry (AACAP), 61st Annual Meeting, San Antonio, TX. Njoroge, W, Webb, S Postlethwaite, A. Daniolos, PT, Diamond J, Goldberg KA, Kessler, C, and Al-Mateen, CS, October 28, 2015.

Booster, G., Mautone, J.A., Nissley-Tsiopinis, J., VanDyke, D., & Power, T.J.: Parenting Mediates Effect of Family-School Intervention on Homework Performance for Children with ADHD (Poster presented at the Annual Meeting of the Association of Behavior and Cognitive Therapies, Chicago, IL, November 13, 2015).

- Boyd, R., Discussant:** Rethinking women's sexual and psychosocial health through novel technology, access, and programming. Symposium at the American Psychological Association annual meeting, Toronto, Canada, August, 8, 2015.
- Boyd, R., & Moss, S.:** Exposure to racial discrimination and its emotional effects among urban African American children of mothers with depression. In *Racial Discrimination among Urban Youth: Experiences and Contexts*. Paper conducted at the Society for Research in Child Development, Philadelphia, PA, March, 19, 2015.
- Boyd, R., Price, J., Moss, S., Chuang, D., & Guevara, J.:** Adapting a parenting intervention for facebook with mothers with postpartum depression symptoms. 2nd Biennial Perinatal Mental Health Conference, Chicago, IL, November, 2015.
- Brooks, E., Sharp, A., Mack, A.:** Psychiatric conditions among patients with CLABSIs: Indications of opportunities for the reduction of adverse outcomes. (Poster presented at American Association of Medical Colleges, Integrating Quality Meeting, Rosemont, IL, June 12, 2015).
- Burstyn, I., Lee, N.L., Schriver, E., Pandey, J., Croen, L.A., et al.** Maternal Sub-Clinical Hypothyroidism and Risk of Autistic Endophenotype in a Risk-Enriched Pregnancy Cohort. The International Meeting for Autism Research; 2015.
- Butler, L., Boyd, R., & Benton, T.:** Experiences and treatment survey for adolescents with depression. Poster conducted at the Leadership Education In Neurodevelopmental & Related Disabilities (LEND) Annual Research Symposium & Poster Day, Philadelphia, PA, May 20, 2015.
- Clements, C.C., Bartley, G.K., DePolo, L., Bateman, L., Morton, H., Parish-Morris, J., Stein, N., Schultz, R.T.:** An online verbal IQ test: Development, validity, and standardization of an adaptive vocabulary test for remote phenotyping of parents. (Poster presented at the International Meeting for Autism Research, Salt Lake City, UT, June, 2015).
- Cole, D., Barakat, L.P., Marsac, M. L.** (April, 2015). Dissemination of evidence-based tools to promote adaptive coping with chronic illness: The Cellie Coping Kit as an example. Paper presentation at the Society of Pediatric Psychology Annual Conference, San Diego, CA.
- Cole, J., Jones, T., Shaughnessy, E., Chadwick, S., Munson, D., Moldenhauer, J.:** Multidisciplinary perinatal palliative care plan for a pregnant woman carrying a fetus with trisomy 13 and her family. *Journal of Obstetrics, Gynecology and Neonatal Nursing*, Vol. 44, Sup. 1, pp. S79, 2015.
- Culnan, E., Mindell, J. A., Walters, R., Day, D., & Telofski, L.** (2015). How recommendations on baby sleep have changed and expanded over the last 100 years. *Sleep*, 38, A390.
- Culnan, E., Mindell, J. A., Walters, R., Day, D., & Telofski, L.,** (June, 2015). How recommendations on baby sleep have changed and expanded over the last 100 years. Poster presentation at the annual Sleep meeting, Seattle, WA.
- Culnan, E., Mindell, J.A., Walters, R., Day, D., & Telofski, L.** (November, 2015). Infant sleep safety recommendations in parenting books: The past 100 years. Poster presentation at the biennial Pediatric Sleep Medicine meeting, Amelia Island, FL.
- Curry, A., Metzger, K., Yerys, B.E., Gruschow, S., Pfeiffer, M., Huang, P.:** "Driver licensing trajectories and motor vehicle crash rates among adolescents with autism spectrum disorder (ASD)" Annual Meeting of the American Public Health Association, Chicago, IL, November, 2015
- Curry, A. E., Pfeiffer, M. R., Power, T.J., Winston, F.K., Metzger, K. B.** (2015, Nov.) Driver licensing rates and motor vehicle crash risk among adolescents with attention deficit hyperactivity disorder. Presented at the American Public Health Association Annual Meeting. Chicago, IL.
- Daniel, LC, Barakat, LP, Butler, E., Diguissepe, A, & Schwartz, LA.** (June, 2015). Sleep in Adolescents and Young Adults in the Year Post Cancer Treatment. Poster presentation at the Associate Professional Sleep Societies Annual Meeting, Seattle, WA.
- Daniel, L.C., Kahl, D., Schwartz, L.A., & Barakat, L.P.** (April, 2015). Development of the Sleep Disturbances in Pediatric Cancer (SDPC) Model. Poster presentation at the Society of Pediatric Psychology annual conference, San Diego, CA.
- Deatrck, J., Hobbie, W. Barakat, L.P., Ogle, S. Reilly, M., Hardie, T. Toth, J., Knafl, G. Knafl, K.** (October, 2015). Using Mixed Methods Analyses to Tailor Theory-Based Family Interventions. Special Topics Conference: Emerging Areas of Family Health Research Across the Lifespan. Council for the Advancement of Nursing Science, Washington, DC.
- Deatrck, J.A., Hobbie, W., Ogle, S., Reilly, M., Hardie, T., Barakat, L.P., Knafl, K.A., & Knafl, G.** (August, 2015). Patterns of family management of young adult survivors of childhood brain tumors and their relationship to child & family functioning. Presented at the International Family Nursing Conference, Odense, Denmark.
- Depolo, L., Parish-Morris, J., McCleery, J., Bateman, L., Thomas, S., Paterson, S.J., Pandey, J., Kostopolous, P, et al..** Say What: Toddlers' Vocabulary Growth Trajectories Differ by Word Features. The International Meeting for Autism Research; 2015.
- Eiraldi, R., McCurdy, B., Schwartz, B., & Keiffer, J.** Examining effectiveness of SWPBIS with mental health supports in urban schools. Presented at the 8th Annual Conference on the Science of Dissemination and Implementation, Washington, DC, December 14, 2015.

- Fitzgerald, C.J., Lefkowitz, D.S., Mooreville, M., Robinson, E., Rossano, J., Goldfarb, S.:** Assessment of executive functioning and illness management among adolescent solid organ transplant recipients. (Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA, April, 2015).
- Gaultney, C.G., Stasko, E.S., Bhatnagar, R., Patterson, C.A., Geller, P.A.** (2015, May). Training NICU Nurses to Recognize and Respond to Emotional Distress in Families. Poster presented at Drexel Research Day, Philadelphia, PA.
- Gruschow, S.M., Pfeiffer, M.R., Yerys, B.E., Antezana, L., Winston, F.K., Power, T.J., Huang, P., Curry, A.E. (2015, Nov.)**. Validation of the use of electronic health records for ADHD case identification. Presented at the American Public Health Association Annual Meeting, Chicago, IL.
- Impact of Perinatal Palliative Care and Bereavement Programs: Provider and Patient Panel. Update on Fetal Diagnosis and Treatment International Conference, Center for Fetal Diagnosis and Treatment, The Children's Hospital of Philadelphia, May 14, 2015.
- J., Huang, P., Curry, A.E.** (2015, Nov.). Validation of the use of electronic health records for ADHD case identification. Presented at the American Public Health Association Annual Meeting, Chicago, IL.
- Gur RE, Yi JJ, Schmidt J, Roalf DR, McDonald-McGinn D, Zackai E, Calkins ME, Ruparel K, Cassidy A, Port A, Souders M, Gur RC, Emanuel B.** Aberrant brain development and psychosis in 22q11.2 deletion syndrome. (Presented at the 15th International Congress on Schizophrenia Research, Colorado Springs, CO, March 28-April 1, 2015)
- Harrison, C., Murray, C., Kohser, K.L., Steinmiller, E., Ely, B., Lamaina, J., Tracey, J., Fein, J.A., Marsac, M.L.** Implementing Trauma – Informed Care in a Pediatric Medical Setting: Results from a Pilot Program. (Poster presented at the International Society for Traumatic Stress Studies 31st Annual Meeting, New Orleans, LA, November, 2015)
- Herrington, J., Pandey, J., Rump, K., Worley, J., Kerns, C.M., Schultz, R.T., Miller, J.S.:** Co-occurring anxiety disorders are uniquely associated with decreased amygdala volume in ASD. Poster presented at the International Meeting for Autism Research, Salt Lake City, Utah, May 2015.
- Hildenbrand, A. K., Kassam-Adams, N., Barakat, L. P., Kohser, K., & Marsac, M. L.** (November, 2015). Relationship between emergency department pain and subsequent posttraumatic stress in pediatric injury. Poster accepted for the International Society for Traumatic Stress Studies 31st Annual Meeting, New Orleans, LA.
- Hildenbrand, A. K., Marsac, M. L., Daly, B. P., Chute, D., & Kassam-Adams, N.:** Pain, opiate medication use, and post stress in children after injury. (Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA, April 16, 2015).
- Hocking, M.C., McCurdy, M.D., Turner, E., Briggs, N., Fleischer, J.G., Deatrlick, J.A.:** Parent perspectives of pediatric brain tumor survivor social adjustment. (Poster presentation at the 2015 Society of Research on Child Development Biennial Meeting, Philadelphia, PA, March 20, 2015).
- Hocking, M.D., Quast, L., Fleischer, J.G., McCurdy, M., Turner, E., Briggs, N., Barakat, L.P., & Deatrlick, J.A.** (July, 2015). Examining Parents' Perspectives of Social Competence in Pediatric Brain Tumor Survivors: A Mixed-Methods Approach. Poster presentation at the 2015 World Congress of Psycho-Oncology and Psychosocial Academy Workshops, Washington, DC.
- Hocking, M.C., Quast, L., Fleischer, J.G., McCurdy, M., Turner, E., Kazak, A.E., & Barakat, L.P.** (April, 2015). Family management and health-related quality of life and adaptive functioning in pediatric brain tumor survivors at the end of tumor-directed therapy. Poster presentation at the Society of Pediatric Psychology annual conference, San Diego, CA.
- Jackson L, Weaver L, Campbell K.:** Insights into eating disorders programming: An innovative integrated care model. (Poster presented at the Conference of the Association of Psychologists in Academic Health Centers, Atlanta, Georgia, February, 2015).
- Kassam-Adams, N, Marsac, M.L., & Winston, F.:** Preventing child traumatic stress after medical events: Pilot RCT of an online intervention. (Oral presentation at the Pediatric Academic Societies meeting, San Diego, CA, April 2015.)
- Keiffer, J., Schwartz, B.S., Eiraldi, R., & Mautone, J.A.:** Project ACCESS: A cluster randomized trial to evaluate implementation of SWPBIS with added CBT group interventions through consultation and coaching in urban schools (Poster presented at the Annual Meeting of the Association of Behavior and Cognitive Therapies, Chicago, IL, November 13, 2015).
- Kohls, G., Mosner, M., Antezana, L., Schultz, R.T., Yerys, B.E.:** "Neural reward imbalance between social incentives and circumscribed interests in autism spectrum disorder" Annual Meeting for the International Society for Autism Research in Salt Lake City, Utah, May, 2015
- Kohser, K.L., Murray, C.M., Marsac, M. L.:** Implementing Trauma Informed Care at an Urban Pediatric Children's Hospital. (Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA, April 17, 2015).

- Kovalsky, D., Hildenbrand, A. K., Kassam-Adams, N., Barakat, L. P., Delahanty., & Marsac, M. L.** (November, 2015). Utility of Appraisals During Peri-Trauma as Predictor of PTSS Following Pediatric Injury. Poster accepted for the International Society for Traumatic Stress Studies 31st Annual Meeting, New Orleans, LA.
- Latterner, L., Pandey, J., Wolff, J., Klaiman, C., Herrington, J.D., & Schultz, R.T.** Firm Evidence for Facial Identity Recognition Deficits in ASD Using a Task with No Memory Component. The International Meeting for Autism Research; 2015.
- Lawson, G., Nissley-Tsiopinis, J., Mautone, J.A., Achebe, I., Dim, J., Gentile, P., TahtahMentan, M., Orapallo, A., Renninger, S., Tomy, N., & Power, T.J.:** Family Barriers and Strengths Impacting ADHD Treatment Engagement Among Underserved Populations: Development of a Coding System (Poster presented at the Annual Meeting of the Association of Behavior and Cognitive Therapies, Chicago, IL, November 13, 2015).
- Lee, N.L., Bennett, D.H., Burstyn, I., Schriver, E., Pandey, J., Croen, L.A., et. al..** Prenatal PBDE Exposure and Early ASD-Related Phenotype in a Risk-Enriched Pregnancy Cohort. The International Meeting for Autism Research; 2015.
- Leff, S.S., Baker, C.N., & Waasdorp, T.E.:** Better Understanding Associations of Social Cognitions, Distress, and Leadership with Aggression for High Risk Urban Youth. In J. Hubbard (chair), Subtypes of Aggression: Developmental Considerations and Implications for Practice. Paper presentation at the Society for Research in Child Development Conference. March 2015.
- Leff, S.S., Bevans, K.B., Moore, W.R., & Waasdorp, T.E.:** Free2B: A New Multi-Media Bullying Prevention Program. In C.P. Bradshaw (Chair) Contemporary Issues in Bullying: Data Trends, Cyberbullying, Bystanders, and Multi-Media Approaches to Prevention. Paper presentation at the Society for Research in Child Development Conference March 2015.
- Leff, S.S., Moore, W., Bevans, K., Waasdorp, T.E., & Winston, F.:** Bridging the Gap between Theory, Innovation, and Practice in Bullying Prevention Programming. In K. Van Eck (chair), Development and Testing of Interventions. Paper presentation at the Society for Prevention Research, Washington, DC May 2015.
- Leff, S.S. & Moore, W.:** Researchers Partnering with International Technologists to Develop a Multi-Media Bullying Prevention Program. In S.S. Leff (Chair), Innovative Technology in Bullying Prevention Research. Symposium presentation at the National Association of School Psychologists annual conference, Orlando, FL February 2015.
- Leff, S.S., & Paskewich B.:** Validating an Aggression Prevention Program for Relationally Aggressive Urban Girls. Paper presentation at the National Association of School Psychologists Annual Convention, Orlando FL February 2015.
- Leff, S.S., Paskewich, B., Waasdorp, T., Waanders, C., & Bevans, K.:** Friend to Friend (F2F) Program: Preventing Relational Aggression among Urban African American Girls. In S. Leff (chair), Adapting, Developing, and Evaluating Programs Focusing on Aggression Prevention and Relationship Promotion. Paper presentation at the Society for Prevention Research, Washington, DC May 2015.
- Lefkowitz, D.S., Fitzgerald, C.J., Mooreville, M., Robinson, E., Rossano, J., Goldfarb, S.:** Executive functioning and the allocation of treatment responsibility in adolescent solid organ transplant recipients. (Paper presented at the 8th Congress of the International Pediatric Transplant Association, San Francisco, CA, March, 2015).
- Lockyer JE, Xanthopoulos MS, Puzino KM, Scheiman MM, Gallaway MF, Master SR, Master CL.** Concussions in children and adolescents: The prevalence of mental health conditions prior to injury. Society of Pediatric Psychology Annual Meeting. San Diego, CA, April 2015.
- Lukens, C.T.** (2015). Kaleidoscope of Feeding Programs: The Children's Hospital of Philadelphia, Presented at Strategies for Treating Pediatric Feeding Disorders: A Kaleidoscope of Ideas, Mt. Washington Pediatric Hospital, Baltimore.
- Markowitz, G., Lukens, C. T., & McCormick, V.** (2015). Feeding Problems, Gastrointestinal Symptoms, and Nutrition in Children with Autism: Implications for the GI Practitioner, NASPGHAN, Washington, DC.
- Marsac, M. L., Ciesla, J., Barakat, L.P., Hildenbrand, A.K., Delahanty, D.L., Widaman, K., Winston, F.K., Kassam-Adams, N.** (April, 2015). The role of cognitive appraisals and coping in predicting posttraumatic stress following pediatric injury. Poster presentation at the Society of Pediatric Psychology Annual Conference, San Diego, CA.
- Mautone, J.A., McCurdy, B., Khanna, M., Schwartz, B.S., Ritvalsky, K., & Eiraldi, R.B.:** Implementation of evidence-based practices in urban schools: Project ACCESS (Poster presented at the Annual Meeting of the National Association of School Psychologists, Orlando, FL, February 18, 2015).
- Mautone, J.A., McCurdy, B., Schwartz, B.S., Khanna, M., Ritvalsky, K., & Eiraldi, R.B.:** Implementation of evidence-based practices in urban schools: Project ACCESS. Presented at the 2015 Annual Convention of the National Association of School Psychologists (NASP), Orlando, FL, February 18, 2015.
- McCurdy, M.D., Quast, L.F., Turner, E., Pulaski, S., Black, C., Paltin, I., Barakat, L.P., & Hocking, M.C.** (July, 2015). A Qualitative Examination of the Feasibility of a Computerized Cognitive-Training Program in Long-Term Pediatric Brain Tumor Survivors. Poster presentation at the 2015 World Congress of Psycho-Oncology and Psychosocial Academy Workshops, Washington, DC.

- McCurdy, M.D., Turner, E., Barakat, L.P., Hobbie, W., Deatrck, J., & Hocking, M.C.** (June, 2015). Processing speed mediates the relationship between radiotherapy exposure and executive functioning in young-adult survivors of childhood brain tumor. Poster presentation at the meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA.
- McCurdy, M.D., Turner, E., Barakat, L.P., Hobbie, W., Deatrck, J., Paltin, I., & Hocking, M.C.** (February, 2015). Treatment intensity predicts self-awareness of executive functioning in young-adult survivors of childhood brain tumor. Poster presentation at the meeting of the International Neuropsychological Society, Denver, CO.
- Miesnik, S., Cole, J., Jones, T., Moldenhauer, J.:** The integration and role of a mental health professional within a multidisciplinary team caring for pregnancy women prenatally diagnosed with a fetal anomaly. (Poster session presented for The Association of Women's Health, Obstetric and Neonatal Nursing Annual Conference, Long Beach, CA, June, 2015).
- Miller, J., Powell, M., Maddox, B. & Levy, S.E.:** Can we do more than refer? Increasing community providers' ability to diagnose "classic" Autism Spectrum Disorder. Poster presented at the Autism CARES: Collaboration, Accountability, Research, Education, and Supports Act Meeting "Implementing Evidence-Based Practices in Real World Settings," Bethesda, Maryland, July 2015.
- Miller, J.S., Shamash, J., Norry, J.E., Gabrielsen, T.E.:** Response to name: Increasing the sensitivity of this very specific sign of ASD. Poster presented at the International Meeting for Autism Research, Salt Lake City, Utah, May 2015.
- Mindell, J.A., Composto, J., Lee, C., Bhullar, B., & Walters, R.** (October, 2015). A longitudinal study of individual variability in infant sleep consolidation. Poster presentation at the annual meeting of the American Academy of Pediatrics, Washington, DC.
- Mindell, J. A.** (February, 2015). Infant and toddler sleep disturbances. Invited grand rounds for MedSleep, Toronto, Canada.
- Mindell, J.A., Kahl, D., DiGuiseppe, A., Sadeh, A., Kwon, R., & Goh, D. Y. T.** (June, 2015). Physical growth and sleep in young children. Poster presentation at the annual Sleep meeting, Seattle, WA.
- Mindell, J.A., Kahl, D., DiGuiseppe, A., Sadeh, A., Kwon, R., & Goh, D. Y. T.** (2015). Physical growth and sleep in young children. *Sleep*, 38, A391.
- Mindell, J.A., & Lee, C.** (November, 2015). Sleep, mood, and development in young children. Poster presentation at the biennial Pediatric Sleep Medicine meeting, Amelia Island, FL.
- Mindell, J.A.** (March, 2015). Circadian rhythm abnormalities in adolescents. Invited address at the annual APPSA Sleep Workshop, Seoul, Korea.
- Mindell, J.A.** (March, 2015). Insomnia in children. Invited talk at the meeting of the World Academy of Sleep Medicine, Seoul, Korea.
- Mindell, J.A.** (March, 2015). Interaction between child and maternal sleep. Symposium presentation at the meeting of the World Academy of Sleep Medicine, Seoul, Korea.
- Mindell, J.A.** (March, 2015). Night wakings and bedtime problems: Infants and toddlers. Invited address at the annual APPSA Sleep Workshop, Seoul, Korea.
- Mindell, J.A.** (March, 2015). Normal sleep in infants and toddlers. Invited talk at the meeting of the World Academy of Sleep Medicine, Seoul, Korea.
- Mindell, J.A., Sadeh, A., Teng, A., Bartle, A., Kwon, R., & Goh, D. Y. T.** (November, 2015). Sleep in school-aged children: Predictors of sleep seven years later. Poster presentation at the biennial Pediatric Sleep Medicine meeting, Amelia Island, FL.
- Mindell, J. A., Sedmak, R., Boyle, J. T., & Butler, R.** (June, 2015). Sleep Well!: Improving sleep of disadvantaged children. Poster presentation at the annual Sleep meeting, Seattle, WA.
- Mindell, J. A., Sedmak, R., Boyle, J. T., & Butler, R.** (October, 2015). Delivery of beds and sleep education: Improving sleep of disadvantaged children. Poster presentation at the biennial Pediatric Sleep Medicine meeting, Amelia Island, FL.
- Mindell, J. A., Sedmak, R., Boyle, J. T., & Butler, R.** (October, 2015). *Sleep Well!*: Improving sleep of disadvantaged children. Poster presentation at the annual meeting of the American Academy of Pediatrics, Washington, DC.
- Mindell, J. A., Sedmak, R., Boyle, J. T., & Butler, R.** (2015). Sleep Well!: Improving Sleep of Disadvantaged Children. *Sleep*, 38, A369.
- Moore, W., & Leff, S.S.:** Disseminating Evidence-Based Strategies for Bullying Prevention. Mini-skills workshop presented at the National Association of School Psychologists Annual Conference February 2015.
- Morris, S.H., Nahmias, A., Maute, T., Nissley-Tsiopinis, J., Power, T.J., & Mautone, J.A.:** Research to practice: Implementation of the Family School Success program for parents of children with ADHD in a clinic setting (Poster presented at the Annual Meeting of the Association of Behavior and Cognitive Therapies, Chicago, IL, November 13, 2015).

- Morton, H., Antezana, L., Yerys, B.E., Kushner, E.S.:** Food Neophobia in Children with Autism Spectrum Disorder. Poster presented at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA, March 2015
- Morton, H., Worley, J., Kushner, E.S.:** The Food Flexibility Challenge Task (FFCT): Developing an Ecologically Valid Measure of Food Flexibility in Children with ASD. Poster presented at the International Meeting for Autism Research, Salt Lake City, UT, May 2015.
- Moss, S.L., & Boyd, R.C.:** Racial discrimination and psychological symptoms among urban African American children of mothers with depression. Poster presented at the Leadership Education In Neurodevelopmental & Related Disabilities (LEND) Annual Research Symposium & Poster Day, Philadelphia, PA, May 20, 2015.
- Nahmias, A. S., Nissley-Tsiopinis, J., Gwendolyn M. Lawson, G. M., & Eiraldi, R.** The Impact of Comorbid Anxiety on the Social Functioning of Children and Adolescents with ADHD Both Combined and Inattentive Subtypes. Presented at the 48th Annual Association of Behavior and Cognitive Therapies Conference, Chicago, IL, November 13, 2015.
- Njoroge W, Webb S, Postlethwaite, A. Daniolos PT, Diamond J, Goldberg KA, Kessler C, and Al-Mateen CS,** October 28, 2015. "Disparities and Inequity in America: the Voice of Child and Adolescent Psychiatry", Invited Roundtable Presentation at the American Academy of Child and Adolescent Psychiatry (AACAP), 61st Annual Meeting, San Antonio, TX.
- Orinstein, A., Naigles, L., Schultz, R. T., Stevens, M. C., & Fein, D. A.** (2015). Psychiatric Symptoms in Youth with a History of Autism and Optimal Outcome. *J Autism Dev Disord Journal of Autism and Developmental Disorders*, 45(11), 3703-3714. PMID: 26155764 PMCID: PMC4609588 DOI: 10.1007/s10803-015-2520-8
- Paine, K., Solot, C., Pollak, A., Skolnik, A., McDonald-McGinn, D., Magee, L., Maguire, M., Zackai, E., Jackson, O.** (2015, April). Practice patterns for management of velopharyngeal dysfunction in patients with 22Q11.2 deletion syndrome. Oral presentation at the 72nd annual meeting of the American Cleft Palate Craniofacial Association, Palm Springs, CA.
- Paltin, I., Zebrowski, C., Hill-Kayser, C.E., Lustig, R.A., Belasco, J., Waanders, A., Cole, K., Kang, T., Phillips, P., Green, A., Fisher, M.J., Minturn, J.E., & Barakat, L.P.** Neuropsychological, Social-Emotional, and Adaptive Functioning at Baseline and at least 2 Years Post Cranial Proton Radiation Therapy. (Poster presentation at that Annual Meeting of the Children's Oncology Group, Dallas, TX, October 8, 2015).
- Pandey, J., Pinto-Martin, J.A., Chittams, J., Croen, L.A., Fallin, M.D., et. al.,** What Could be Driving Phenotypic Heterogeneity? Deep Characterization of Young Children with and without Autism Spectrum Disorder from The Study to Explore Early Development (SEED). The International Meeting for Autism Research; 2015
- Parish-Morris, J., Fein, D., Naigles, L.:** Growth trajectories of longitudinal naturalistic verb use in ASD: Verb category matters. (Poster to be presented at the Boston University Conference on Language Development, Boston, MA, USA, November, 2015).
- Parish-Morris, J., Yerys, B.E., Antezana, L. de Marchena, A. Chevallier, C., Sasson, N.J., Schultz, R.T.:** "Scattered Attention in face perception: The case of co-morbid ASD+ADHD" Annual Meeting for the International Society for Autism Research in Salt Lake City, Utah, May, 2015
- Parma, V., & deMarchena, A. B.** (2015). Motor signatures in autism spectrum disorder: The importance of variability. *Journal of Neurophysiology J Neurophysiol*, 115(3), 1081-1084. PMID: 26269560 PMCID: PMC4808097 DOI: 10.1152/jn.00647.2015
- Patterson, C.A., Bonacquisti, A., Perelman, A. & Geller, P.A.** (2015, August). The NICU parent survival guide: addressing maternal stress in the NICU. In P.A. Geller & E.C. Stasko (Co-chairs), *Rethinking women's sexual and psychosocial health through technology, access, and programming*. Symposium to be presented at the 123rd annual convention of the American Psychological Association, Toronto, ON.
- Pellecchia, M., Xie, M., Miller, J.S., Mandell, D.S.:** Does Pivotal Response Training moderate the effect of social anxiety symptoms on student outcomes? Poster presented at the International Meeting for Autism Research, Salt Lake City, Utah, May 2015.
- Perinatal Mood Disorders: Supporting High Risk Women and Infants. American Psychological Association Annual Convention, Toronto, Canada, August 7, 2015.
- Power, T. J.** (2015, February). Commentary on social justice research in school. In E. Graybill, C. Baker, A. Cloth, & S. Fisher (Co-Chairs), *An Analysis of Social Justice Research in School Psychology*. Symposium presented at annual conference of the National Association of School Psychologists, Orlando, FL.
- Power, T. J.** (2015, July). Implementation science: Improving intervention implementation for children with ADHD. In M. Sibley (Chair), *Enhancing Adult Implementation of Behavioral Interventions for ADHD: Person-level and Environmental Predictors*. Symposium presented at annual conference of the International Society for Research in Children and Adolescent Psychopathology, Portland, OR.

- Power, T.J., Watkins, M.W., Anastopoulos, A.D., Reid, R., Lambert, M.C., & DuPaul, G.J.** (2015, July). Multi-informant assessment of ADHD symptom-related impairment. Poster presented at annual conference of the International Society for Research in Children and Adolescent Psychopathology, Portland, OR.
- “Psychiatric Assessment of the Young Child in the Clinic”, Symposium Presentation at the American Academy of Child and Adolescent Psychiatry (AACAP), 61st Annual Meeting, San Antonio, TX. Harrison, J. Njoroge, W, Frankel K., October 30, 2015.
- Psychosocial Care, Society of Pediatric Psychology Annual Conference, San Diego, CA. April 11, 2015.
- Psychological Support for the At Risk Pregnant Mother. Update on Fetal Diagnosis and Treatment International Conference, Center for Fetal Diagnosis and Treatment, The Children’s Hospital of Philadelphia, May 14, 2015.
- Pruett, J.R., Kandala, S., Hoertel, S., Snyder, A.Z., Elison, J.T., Nishino, T., Feczko, E., Dosenbach, N.U.F., Nardos, B., Power, J.D., Adeyemo, B., Botteron, K.N., McKinstry, R.C., Evans, AC, Hazlett, HC, Dager, SR, Paterson, S, Schultz, RT, Collins, DL, Fonov, VS, Styner, M, Gerig, G., Das, S., Kostopoulos, P., Constantino, J.N., Estes, A.M., The IBIS Network*, Petersen, S., Schlaggar, B.L., Piven, J.** (2015). Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. *Developmental Cognitive Neuroscience*, 12:123-33. Epub 2015 Feb 3. PMID: 25704288 PMCID: PMC4385423 DOI: 10.1016/j.dcn.2015.01.003
- Pugliese, C. E., Kenworthy, L., Bal, V. H., Wallace, G. L., Yerys, B. E., Maddox, B. B., . . . Anthony, L. G.** (2015). Replication and comparison of the newly proposed ADOS-2, module 4 algorithm in ASD without ID: A multi-site study. *Journal of Autism and Developmental Disorders*, 45(12), 3919-3931. PMID: 26385796 PMCID: PMC4654671 DOI: 10.1007/s10803-015-2586-3
- Pugliese C.E., Kenworthy, L., Wallace, G.L., Yerys, B.E., Maddox B.B., White, S.W., Popal, H., Armour, A.C., Miller, J., Herrington, J.D., Schultz, R.T., Martin, A., Anthony, L.G.:** Replication of the newly proposed ADOS-2 Module 4 Algorithm in an independent sample. Presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL, USA 2015.
- Puzino, K., Mindell, J. A., Leichman, E. S., Walters, R., & Bhullar, B.** (2015). An iphone application for young children’s sleep: Caregivers’ concerns. *Sleep*, 38, A368.
- Puzino, K., Mindell, J. A., Leichman, E. S., Walters, R., & Bhullar, B.** (June, 2015). An iphone application for young children’s sleep: Caregivers’ concerns. Poster presentation at the annual Sleep meeting, Seattle, WA.
- Puzino, K., Mindell, J. A., Moore, M., & Guite, J.** (October, 2015). Functional disability in adolescents with chronic pain: It’s all about sleep and cognitions. Poster presentation at the biennial Pediatric Sleep Medicine meeting, Amelia Island, FL.
- Quast, L., Fleischer, J.G., McCurdy, M., Turner, E., Kazak, A.E., Barakat, L.P., & Hocking, M.C.** (April, 2015). Health-related quality of life in parents of pediatric brain tumor survivors at the end of tumor-directed therapy. Poster presentation at the 36th Annual Meeting of the Society for Behavioral Medicine, San Antonio, TX.
- Quast, L., Fleischer, J.G., McCurdy, M., Turner, E., Kazak, A.E., Barakat, L.P., & Hocking, M.C.** (July, 2015). Illness- Related Family Life Difficulty of Pediatric Brain Tumor Survivors at the End of Tumor-Directed Therapy. Poster presentation at the 2015 World Congress of Psycho-Oncology and Psychosocial Academy Workshops, Washington, DC.
- The Role of Perinatal Psychology: Partnering with Families Carrying Babies with Fetal Abnormalities. Symposium on Expanding the Frontiers of Pediatric Psychology in Perinatal
- The Role of Psychology in Perinatal Palliative Care: Preparing Families to Say ‘Goodbye’ at Birth. American Psychological Association Annual Convention, Toronto, Canada. August 9, 2015.
- Rubens, S. L., Patrick, K., Sampilo, M. L., Moore, M., & Mindell, J. A.** (2015). Demographic factors predictive of sleep problems in a clinical sample of youth. *Sleep*, 38, A395.
- Rubens, S. L., Patrick, K., Sampilo, M. L., Moore, M., & Mindell, J. A.** (June, 2015). Demographic factors predictive of sleep problems in a clinical sample of youth. Poster presentation at the annual Sleep meeting, Seattle, WA.
- Rupff, R., Zhao, M., Wesley, K., Hankins, J., & Porter, J.** (2015, April). Life after healthcare transition for young adults with sickle cell disease: Facing challenges and rising above. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.
- Rupff, R., Zhao, M., Wesley, K., Russell, K., & Porter, J.S.** (2015, September). Emotional and behavioral functioning in pediatric sickle cell disease patients with nocturnal enuresis. Poster presented at The Society of Clinical Research Associates Annual Conference, Denver CO.
- Schmitt JE, Vandekar S, Roalf DA, Ruparel K, Yi JJ, McDonald-McGinn DM, Souders MC, Zackai EH, Emanuel BS, Gur RC, Gur RE.** Disrupted Anatomic Connectivity in the 22q11.2 Deletion Syndrome. (Presented at the 53rd Annual Meeting of American Society of Neuroradiology, Chicago, IL, April 25-30, 2015)

Schmitt JE, Vandekar S, Yi J, Ruparel K, Whinna D, Souders MC, Satterthwaite TD, Prabhakaran K, McDonald-McGinn DM, Zackai EH, Gur RC, Emanuel BS, Gur RE. (2015). Aberrant Cortical Morphometry in the 22q11.2 Deletion Syndrome: Towards an Understanding of the Neural Substrates of Psychosis. *Biological Psychiatry*: In Press.

Schmitt JE, Vandekar S, Roalf DA, Ruparel K, Yi JJ, McDonald-McGinn DM, Souders MC, Zackai EH, Emanuel BS, Gur RC, Gur RE. Functional Neuroanatomy in the 22q11.2 Deletion Syndrome: Towards an Understanding of the Neural Substrates of Psychosis. (Presented at the 53rd Annual Meeting of American Society of Neuroradiology, Chicago, IL, April 25-30, 2015)

Schwartz, L.A., Bonafide, C., Butler, E., Daniel, L.C., & Barakat, L.P. (April, 2015). A text messaging intervention for adolescents and young adults recently off treatment for cancer. Presented as part of symposium on Innovative Interventions for Children, Adolescents and Young Adults with Hematologic and Oncologic Conditions presentation at the Society of Pediatric Psychology annual conference, San Diego, CA.

Sepeta, L.S., Croft, L., Zimmaro, L.A., Duke, E.S., Yerys, B.E., Vaidya, C.J., Gaillard, W.D., Berl, M.M. (2015). Reduced language connectivity in pediatric epilepsy. *Epilepsia*, 56(2): 273-82 2015. PMID: 25516399 PMCID: PMC4340750 DOI: 10.1111/epi.12859

Shaughnessy, E., Jones, T., Cole, J., Berger, K., Reichert, S., Munson, D., Moldenhauer, J.: Planning for death while celebrating life in utero: A multidisciplinary perinatal palliative care plan for a pregnant patient and her family carrying a fetus with trisomy-13. (Poster session presented for the Association of Women's Health, Obstetric and Neonatal Nursing Annual Conference, Long Beach, CA, June, 2015).

Sherry, DD, et al (2015, March). Amplified Musculoskeletal Pain Syndrome (AMPS) Program Pre-Admission Patient Safety Process. Poster presented at CHOP's Quality and Patient Safety Day, Philadelphia, PA.

Soffer, S., Kim, A., Proctor, S. N., Williams, N., Thompson, M., Curran, E.: Improving patient care handoffs in outpatient behavioral health. (Poster presented at The Children's Hospital of Philadelphia Patient Safety Day Symposium, Philadelphia, PA, February, 2015).

Stevens, E.M., Patterson, C.A., Li, Y.B., Smith-Whitley, K., & Barakat L.P. (September, 2015). Factors related to mistrust of clinical trials research among adolescent/young adults with sickle cell disease and caregivers of children with sickle cell disease. Oral Presentation, Sickle Cell Disease Association of American (SCDAA) 43rd Annual Convention, Baltimore, MD.

St. John, T., Estes, A.M., Alvarez, S.L., Dager, S., Paterson, S.J., Pandey, J., Schultz, R.T., et al. Motor Development, Autism Symptoms, and Emerging Executive Functioning in Infants and Toddlers at High and Low Risk for ASD. The International Meeting for Autism Research; 2015.

Stowger, M. Hormes, J.M. & Timko, C.A.: The impact of dieting status on the relationship between three types of impulsivity and responsiveness to food environment. (Poster presented at the annual meeting of the Academy of Eating Disorders, Boston, NY, March 23, 2015).

Stubbs, A., Marsac, M. L. Socio-economic influence of acceptability and feasibility of universal interventions to promote adjustment to chronic illness. (Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA, April 16, 2015).

Swanson MR, Wolff JJ, Elison JT, Gu H, Hazlett HC, Botteron K, Styner M, Paterson S, Gerig G, Constantino J, Dager S, Estes A, Vachet C, Piven J; IBIS Network. IBIS Network (Schultz, R.T., Principal Investigator, The Children's Hospital of Philadelphia Network Center). Splenium development and early spoken language in human infants. *Dev Sci*. 2015 Oct 21. [Epub ahead of print] PMID: 26490257

Swineford, L. B., Guthrie, W., & Thurm, A. (2015). Convergent and divergent validity of the Mullen Scales of Early Learning in young children with and without autism spectrum disorder. *Psychological Assessment*, 27(4), 1364-1378. PMID: 25894712 DOI: 10.1037/pas0000116

Szalda, D.E., Pultman, S., Sullivan, J., Barakat, L.P., & Schwartz, L.A. (March, 2015). Improving the Care of Adolescent and Young Adults (AYA) Oncology: Educational programming for pediatric oncology nurses. Poster presentation/published abstract at the annual meeting of the Society for Adolescent Health and Medicine, Los Angeles, CA.

Timko, C.A.: Discussant for Novel treatments for difficult-to-treat anorexia nervosa. (Symposium presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA, November 14, 2015).

Tunc, B, Parker, D., Varsah, Shankar, V, Schultz, RT, Verma, R. (2015). Towards a Quantified Network Portrait of a Population. *Lecture Notes in Computer Science*, 9123: 650–661. PMID: 26221710.

Tunc, B., & Verma, R. (2015). Unifying inference of meso-scale structures in networks. *PLoS One*, 10(11), e0143133. PMID: 26569619 PMCID: PMC4646633 DOI: 10.1371/journal.pone.0143133

Turner, E.M., McCurdy M.D., Quast, L., Kazak, A.E., Barakat, L.P., Hocking, M.C. (June, 2015). The Association between Neuropsychological Functioning and Cognitive Strategies for Learning in Pediatric Brain Tumor Survivors. Poster presentation at the meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA.

- Weiss, D., Cole D., Kassam-Adams, N., Kohser, K., & Marsac, M. L.** An exploration of the role of relaxation in preventing and reducing PTSS in children post-injury. (Poster presented at the International Society for Traumatic Stress Studies 31st Annual Meeting, New Orleans, LA, November 2015).
- Wesley, K., Zhao, M., Rupff, R., Hankins, J., & Porter, J.** (2015, April). Healthcare transition readiness through the lens of transitioned young adults with sickle cell disease. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.
- When a Baby Dies: Multidisciplinary Collaborative Care for Women and Families Experiencing an Intrauterine Fetal Demise or Planning to Deliver Via Palliative Care. The Association of Women's Health, Obstetric and Neonatal Nursing Annual Conference, Long Beach, CA. June 15, 2015
- White, S. W., Maddox, B. B., & Panneton, R. K.** (2015). Fear of negative evaluation influences eye gaze in adolescents with autism spectrum disorder: A pilot study. *Journal of Autism and Developmental Disorders*, 45(11), 3446-3457. PMID: 25578337 DOI: 10.1007/s10803-014-2349-6
- White, S. W., Scarpa, A., Conner, C. M., Maddox, B. B., & Bonete, S.** (2015). Evaluating change in social skills in high-functioning adults with autism spectrum disorder using a laboratory-based observational measure. *Focus on Autism and Other Developmental Disabilities*, 30, 3-12. DOI: 10.1177/1088357614539836
- Wiggins, L. D., Reynolds, A., Rice, C. E., Moody, E. J., Bernal, P., Blaskey, L., . . . Levy, S. E.** (2015). Using standardized diagnostic instruments to classify children with autism in the study to explore early development. *Journal of Autism and Developmental Disorders*, 45(5), 1271-1280. PMID: 25348175 PMCID: PMC4486213 DOI: 10.1007/s10803-014-2287-3
- Williamson, A., Patrick, K., Rubens, S., Moore, M., & Mindell, J. A.** (October, 2015). The clinical needs of youth with neurodevelopmental conditions in an outpatient sleep clinic. Poster presentation at the biennial Pediatric Sleep Medicine meeting, Amelia Island, FL.
- Wolff, J.J., Gerig, G., Lewis, J.D., Soda, T., Styner, M.A., Vachet, C, Botteron, K.N., Elison, J.T., Dager, S.R. Estes, A.M., Hazlett, H.C., Schultz, R.T., Zwaigenbaum, L. & Piven, J.** (2015). Altered corpus callosum morphology associated with autism over the first 2 years of life. *Brain*, 138(7), 2046-2058. PMID: 25937563 PMCID: PMC4492413 DOI: 10.1093/brain/awv118
- Wolper, V., Nissley-Tsiopinis, J., Bansal, P.S., & Eiraldi, R.** Gender differences in ADHD comorbidity and functional impairments across childhood. Presented at the 48th Annual Association of Behavior and Cognitive Therapies Conference, Chicago, IL, November 13, 2015.
- Yerys, B., Antezana, L., Weinblatt, R., Jankowski, K.F., Strang, J., Vaidua, C.J., Schultz, R.T., Gaillard, W.D., Kenworthy, L.** (2015). Neural Correlates of Set-Shifting in Children With Autism. *Autism Research*, 8(4), 386-397. PMID: 25599972 PMCID: PMC4508240 DOI: 10.1002/aur.1454
- Yerys, B.E.** (2015). Update on the neurobiology of repetitive behaviors in autism. *International Research Reviews in Developmental Disabilities*, 49: 91-150.
- Yerys, B.E., Gordon, E. M., Abrams, D.N., Satterthwaite, T. D., Weinblatt, R., Jankowski, K. F., Vaidya, C.J. (2015).** Default mode network segregation and social deficits in autism spectrum disorder: Evidence from non-medicated children. *NeuroImage: Clinical*, 9, 223-232. PMID: 26484047 PMCID: PMC4573091 DOI: 10.1016/j.nicl.2015.07.018
- Yerys, B.E., Nissley-Tsiopinis, J., de Marchena, A., Antezana, L., Schultz, R.T.:** "Close but no cigar: Factor structure of the ADHD rating scale in children with autism spectrum disorder" Annual Meeting for the International Society for Autism Research in Salt Lake City, Utah, May, 2015
- Yi JJ, Calkins ME, Tang SX, Gao L, McDonald-McGinn DM, Zackai EH, Souders M, Sullivan K, Gur RC, Emanuel BS, Gur RE.** Association of Immunological Disorders to Psychopathology and Psychotic Features in 22q11.2 Deletion Syndrome. (Presented at the 62nd Annual Meeting of American Academy of Child and Adolescent Psychiatry, San Antonio, TX, October 30, 2015)
- Yi, J.J., Calkins, M.E., Tang, S.X., Kohler, C.G., McDonald-McGinn, D.M., Zackai, E.H., Savitt, A.P., Bilker, W.B., Whinna, D.A., Souders, M.C., Emanuel, B.S., Gur, R.C., Gur, R.E.** (2015) Impact of psychiatric comorbidity and cognitive deficit on function in 22q11.2 deletion syndrome. *Journal of Clinical Psychiatry*, 76(10):e1262-70. PMID: 26528648 DOI: 10.4088/JCP.14m09197
- Yi JJ, Gao L, McDonald-McGinn DM, Zackai EH, Gallagher S, Swenson A, Cassidy A, Peters K, Port A, Troyan S, Emanuel BS, Gur RE.** Musicality in 22q11.2 Deletion Syndrome. (Presented at the 14th University of Pennsylvania Annual Biomedical Postdoctoral Research Symposium, Philadelphia, PA, October 17, 2015)

Yi JJ, Weinberger R, Moore T, Guri Y, Calkins ME, Moss E, McDonald-McGinn D, Zackai E, Souders M, Emanuel B, Gur RC, Gothelf D, Gur RE. Association of Intelligence Quotient and Neurocognitive Performance on Penn Computerized Neurocognitive Battery in 22q11.2 Deletion Syndrome. (Presented at the 16th Annual Research Symposia by Leadership Education in Neurodevelopmental and Related Disabilities, Philadelphia, PA, May 20, 2015)

Yi JJ, Weinberger R, Moore T, Guri Y, Calkins ME, Tang SX, Kohler C, McDonald-McGinn D, Zackai E, Souders M, Emanuel B, Gur RC, Gothelf D, Gur RE. Neurocognitive Performance on a Computerized Neurocognitive Battery in 22q11.2 Deletion Syndrome: A Comparison between the US and Israeli Cohorts. (Presented at the 70th Annual Scientific Meeting, Toronto, Canada, May 15, 2015)

Editorials, Reviews, Chapters, including participation in committee reports:

Brooks, E., Christy, N.E., Mack, A., McFadden, M.: Patients with psychiatric disorders can also have CLABSIs: A response to 'CLABSI or Munchausen's or Both. *Infection Control & Hospital Epidemiology* 36:996-997, 2015.

Frances, R.J., Mack A.H., Lightdale, H.A.: Psychodynamics (Chapter 25) in: Galanter M., Kleber H. (Eds.) *American Psychiatric Press Textbook of Substance Abuse Treatment*, 5th Edition, American Psychiatric Press, Inc., Washington, DC, 2015, pp. 365-384.

Guerry, J.D., Hambrick, J., Albano, A.M.: Adolescent social phobia in clinical services. In Ranta, K., LaGreca, A.M., Gracia-Lopez, L., Marttunen, M. (Eds.), *Social Anxiety and Phobia in Adolescents: Development, Manifestation and Intervention Strategies*, 2015, pp. 201-223.

Mack, A.H.: Forensic Addiction Psychiatry (Chapter 52) in Galanter M., Kleber H. (Eds.) *American Psychiatric Press Textbook of Substance Abuse Treatment*, 5th Edition, American Psychiatric Press, Inc., Washington, DC, 2015, pp. 783-804.

Mack, A.: Neuropsychiatric lupus is complex. *Psychosomatics* 56(5):607, 2015.

Nissley-Tsiopinis, J., Krehbiel, C., & Power, T. J. (2015). Attention-deficit/hyperactivity disorder. In T. P. Gullotta, R. W. Plant, & M. A. Evans (Eds.), *Handbook of adolescent behavior problems: Evidence-based approaches to prevention and treatment* (2nd ed.; pp. 151-171). NY: Springer.

Njoroge, W., Barnard K.: Infancy. In: Clements, P. & Seedat, S. (Eds). *Mental Health Issues of Child Maltreatment*, STM Publications. St. Louis, MO, 2015 pp

Power, T.J. (2015). Commentary: Strengthening networks and attachments to promote child development. In S.M. Sheridan & E. M. Kim (Eds.), *Research on family-school partnerships (Volume II): Processes and pathways for family-school relationships* (pp. 101-114). New York: Springer.

Power, T. J. (2015). Story of Rose at the end of Chapter 12. In V.W. Berninger and Advisory Panel. *Interdisciplinary frameworks for schools: Best professional practices for serving the needs of all students*. Washington, DC: American Psychological Association.

Ramsay, J.R., & Rostain, A.L. "College Students with ADHD" in L. Adler and T. Wilens, *Handbook of Adult ADHD*. New York: Cambridge University Press: Chapter 29:366-377, 2015.

Scharko, A.M.: Cat ownership and schizophrenia, *Schizophrenia Research* 169:504, 2015.

Scharko, A.M., Panzer, J., McIntyre, C.M.: Treatment of delirium in the context of anti-N-methyl-D-aspartate receptor antibody encephalitis. *Journal of the American Academy of Child and Adolescent Psychiatry* 54:233-234, 2015.

Walsh, K., Paltin, I.: Neuropsychological Effects of Pediatric Brain Tumors and Associated Treatment. In Mucci, G., Torno, L., (Eds.), *Handbook of Long Term Care of the Childhood Cancer Survivor*, Springer Publishing, New York, 2015, pp. 249-262.

Yerys, B.E.: "Update on the neurobiology of repetitive behaviors in autism" *International Research Reviews in Developmental Disabilities*, 49: 91-150, 2015.

Books:

Mindell, J.A., & Owens, J. (2015). *A Clinical Guide to Pediatric Sleep: Diagnosis and Management of Sleep Problems*, 3rd edition. Philadelphia: Lippincott Williams & Wilkins.

Ramsay, J.R., & Rostain, A. L. *Cognitive Behavioral Therapy for Adult ADHD: An Integrative Psychosocial and Medical Approach*, Second Edition, New York: Routledge, Taylor & Francis Group, 2015.

Ramsay, J. R., & Rostain, A. L. *The Adult ADHD Tool Kit: Using CBT to Facilitate Coping Inside and Out*, New York: Routledge, Taylor & Francis Group, 2015.

Alternative Media:

“A closer look at study reporting ADHD medications cause sleep problems in kids” Philadelphia Inquirer, 6 December 2015

Bell, D. (Summer, 2015). Their Generation: Specialized hospital program-with help from “The Who” rockers-support teens and young adults through cancer. Cure Magazine.

Bennett, A., Carolan Tomkinson, M., & Miller, J. (posted July 17, 2015) “Why is it so hard for someone with autism to make eye contact?” AutismSpeaks Got Questions professional blog <https://www.autismspeaks.org/blog/2015/07/17/why-it-so-hard-someone-autism-make-eye-contact>.

Bernbaum JC, Hoffman-Williamson [Gerdes]M, D’Agostino JA, Farran A: Preparing your Preterm Infant for Discharge. A teaching videotape for parents and professionals produced by Health videotape for parents and professionals produced by Health Education Programs, Inc., New York, NY, and Directed by Hal Davis.

“Can anxiety disorders be prevented in kids?” Philly.com, 7 October 2015

“Can Autism be ruled out in a brief observation?” Medscape Psychiatry and Mental Health, CHOP Expert Video Commentary, March 9, 2015 <http://www.medscape.com/viewarticle/839777>

Deam, J.: E-Books vs. Print: What Parents Need to Know. Scholastic: Parent & Child Magazine, <http://www.scholastic.com/parents/resources/article/developing-reading-skills/e-books-vs-print-what-parents-need-to-know> (Parish-Morris, J. – research featured in article).

“Does your child still have difficulty swallowing pills?” Philly.com, 20 April 2015

“Expert review of meta-analytic study” – Provided expert opinion to Reuters news about a study published in Pediatrics about psychosocial interventions for child disruptive behaviors (Epstein et al. Psychosocial Interventions for Child Disruptive Behaviors: A Meta-analysis), October 18, 2015.

Fall 2015: National Public Television – “Second Opinion” – Adult ADHD case consultation.

Feb. 5, 2015: Quoted in New York Times article by Alan Schwarz: “More College Students Report Feeling Depressed.”

Giradot, D.R. (June 7, 2015). Cancer Support: Strength in Numbers. Philadelphia Inquirer.

Health Research & Educational Trust: Hospital Approaches to Interrupt the Cycle of Violence: The Violence Prevention Initiative at The Children’s Hospital of Philadelphia. American Hospital Association March 2015.

““Inside Out” has lessons for child and parent” Philadelphia Inquirer 5 July 2015

Leff, S. S. and colleagues: Movie Trailer for New Multi-Media Bullying Prevention Program: Free2B. <https://www.youtube.com/watch?v=mQdRiSuXvT8&feature=youtu.be> January 2015.

Leff SS: School-based Intervention Can Help Stop “Mean Girls” Tendencies. Blog Post, Center for Injury Research and Prevention, CHOP November 25 2015.

Leff SS: Teaching Problem-Solving and Leadership to Young Urban African-American Girls Reduces Their Relational Aggression: CHOP study demonstrated continued effects one year later PRNewswire-USNewswire November 23 2015.

Leff, S.S., & Waanders, C.: Teacher Webinar on Bullying Prevention. The Center for Injury Research and Prevention at The Children’s Hospital of Philadelphia January 2015.

Mack, A.H.: Invited Commentator, Safe and secure – How ISIS recruits kids in the United States, Posted March 12, 2015 Sinclair News Service (national distribution)

Mack, A.H.: Patient safety in psychiatry. Online CME Course, American Psychiatric Association, March, 2015 release.

March 3, 2015: Quoted in Chronicle of Higher Education article by Casey Fabris: “After 6 Suicides, U. of Pennsylvania Takes a Tough Look at Its Campus Culture.

“Medical Mystery: Twins talk to parents, but never to anyone else” Philadelphia Inquirer, 3 May 2015

“Medical Mystery: Why is teen socially isolating herself?” Philadelphia Inquirer, 15 October 2015

“Medical Mystery: Why is young picky eater’s palate so limited?” Philadelphia Inquirer, 31 May 2015

“My teen can be so irritable! Is that normal?” Philly.com 6 July 2015

“New sleep guidelines little changed, but a worthwhile reminder” Philadelphia Inquirer, 1 March 2015

“Picky eating can be a sign of deeper troubles” Philadelphia Inquirer, 9 August 2015

Pirro, J.F. (May, 2015). Bala Cynwyd’s Howard Jaffe Joins Roger Daltrey in the Fight Against Teen Cancer. Main Line Today.

Preston, S.: Are E-Books Too Distracting for Kids? Parenting Magazine, <http://www.parenting.com/blogs/children-and-technology-blog/shelley-preston/e-books-reading-comprehension> (Parish-Morris, J. – research featured in article).

“Research: Meds for ADHD don’t cause tics” Philadelphia Inquirer, 20 September 2015

“Self-control may be why girls outdo boys on tests” Philadelphia Inquirer, 7 June 2015

September 23, 2015: Quoted in Fox Sports Online article by Justin Ching: “Tragedy at Penn: What Happened to Tim Hamlett?”

“Successful cognitive behavioral therapy for kids could lead to fewer suicidal thoughts” philly.com, 9 March 2015

“Why sleepy teens are falling to their knees” Anxiety.org, 27 May 2015

Patents and related:

Anderson, S.A. (lead inventor) Maroof A., Studer L.S. Method to isolate, identify, and use embryonic stem cells directed to forebrain interneuron fate. U.S. National Patent Application Serial No. 13/376,039

Studer, LS, Anderson, SA, Maroof, AM. DIRECTED DIFFERENTIATION OF CORTICAL NEURONS for which a provisional application for Letters Patent in the United States was filed as U.S. Serial No. 61/816,624 on April 26, 2013

CORTICAL INTERNEURONS AND OTHER NEURONAL CELLS PRODUCED BY THE DIRECTED DIFFERENTIATION OF PLURIPOTENT AND MULTIPOTENT CELLS for which a PCT application was filed as PCT Patent Application No. PCT/US2014/35760 on April 28, 2014.

Appendix D: Current Grants

CURRENT GRANT SUPPORT

NAME Stewart A. Anderson, M.D.

<u>Sponsor Number#</u>	<u>Role in Grant</u>	<u>Period of Award</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>
1. R01 MH066912	PI	1/1/03-4/30/17	3.6	NIMH	\$250,000

Generating and studying GABAergic forebrain interneurons using human stem cells.

This grant focuses on mechanisms of for the differential fate determination of parvalbumin and somatostatin-expressing interneuron subgroups in the murine ventral forebrain. In the 2012 renewal, this focus has expanded to the use of mouse and human embryonic stem cells to study interneuron fate determination and the regulation of their synaptogenesis.

No overlap.

2. 1 P01 NS048120	Project PI	10/1/06-6/30/16	3	NINDS	\$185,000
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Cortical interneuron fate determination in the medial ganglionic eminence. Project

2 within a P01, Proliferation, Neural Specification & Brain Function, E. Ross, PI.

This proposal studies the relationship between the regulation of proliferation and fate determination in the subcortical forebrain, with emphasis on generating mouse models of interneuronopathies.

No overlap.

3. PICAB grant	PI	2/1/16-1/31/17	0.6	UPenn Institute for Translational Medicine and Therapeutics	\$25,000
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Cell-based therapy for seizures by transplantation of human stem cell derived inhibitory interneurons modified for rapid maturation.

This proposal is to generate pilot data for development of a cell based therapy for epilepsy project in dogs.

No overlap.

CURRENT GRANTS SUPPORT

NAME Lamia P. Barakat, Ph.D.

DEPARTMENT Pediatrics/Oncology

DATE 5/24/16

<u>Name of Grant & Sponsor Number#</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Child coping with medical traumatic stressors Sponsor # Not Available	K23	Mentor	5% (in kind)	NIH/NIMH	\$128,456	Meghan Marsac, PhD
2. Psychosocial Assessment Tool: Family risk screening in pediatric cancer Sponsor # Not Available	7/1/13-6/30/17	RSG	Co-I	10.0	ACS	\$54,571 Anne E. Kazak, PhD (PI)
3. Neurocognitive and Social Functioning among Children with Brain Tumors Sponsor # Not Available	9/23/13-9/21/18	K07	Mentor	5% (in kind)	NIH/NCI	\$108,519 Matthew Hocking, PhD
4. Validation of the Pediatric Research Participation Questionnaire for AYA with Cancer Sponsor # Not Available	1/1/14-12/31/15 (NCE)	Seed Grant	PI	5.0	CCCR ALSF	\$25,000
5. Neurocognitive Outcomes of Pediatric Stem Cell Transplant Sponsor # Not Available	5/1/15-12/31/16	Private Foundation	Co-PI	3.0	Vanore Fund	\$125,000 Nancy Bunin, MD (co-PI)
6. Acceptability and Feasibility of Fetal Stem Cell Transplantation in SCD Sponsor # Not Available	9/1/14-8/31/16	Private Foundation	PI	15.0	CHOP Daisy Day Fundraiser	\$133,668 Alan Flake, MD (PI)

7. Development of a Second Generation Technology-Focused Intervention to Promote Health and Well-Being of Adolescents and Young Adults Completing Treatment for Cancer Sponsor # Not Available	7/1/2015-6/30/2016	Supportive Care Grant	Co-I	2.0	St. Baldrick's Foundation	\$55,251	Lisa Schwartz, PhD
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8. Development of a clinical trial decision aid for AYA with cancer Sponsor # Not Available	7/1/15-6/30/16	Seed Grant	PI	10.0	CCCR	\$100,000	
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9. Evaluating costs of long-term survivorship Sponsor # Not Available	9/1/15-8/31/16	CDC SIP	Co-I	8.0	CDC	\$100,000	Marilyn Schapira, MD, MPH (PI)
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10. Integrating Self-management Education with Cancer Survivorship Care Planning; AYA STEPS: Self-management via Texting, Education and Plans for Survivorship Sponsor # Not Available	9/1/15-8/31/2018	CDC SIP	Co-I	2.0	CDC	\$824,998	Chrissie Hill-Keyser, MD (PI)
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*For Grant Category, use code in bold from the following menu

- | | | | |
|-----|---|----|--|
| R01 | NIH R01 | CT | Clinical Trials |
| PP | NIH Program Project, Center or Core Grants | TG | Training Grants |
| FG | Federal Grants - Other (including other individual NIH grants and grants from VA, NSF, Dept. of Energy, etc.) | IG | Industrial Grants (including pharmaceutical) |
| | | PG | Private Foundation Grants (including internal Penn grants) |
| FM | Fellowship (management) | O | Other |

** For program projects, specify whether PI, co-leader or project leader. For center, core and training grants, similarly specify your role.

*** Include any additional, brief information. For clinical trials, for example, specify if multicenter or single center and indicate role of Penn site. Explain any grants in "Other" category.

If space is needed for more entries, use an additional sheet.

CURRENT GRANTS SUPPORT

NAME **Robert Berkowitz, M.D.**

Active

<u>Name of Grant/Sponsor Number#</u>	<u>Period of Award</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>
1R01HD071981 (Magge)	04/01/12 - 03/31/17	0.36 calendar	Source: NIH/NICHD	\$420,234

Cardiometabolic Risk Factors and Obesity in Adolescents with Down Syndrome

The goal of this project is to examine the cardiometabolic risk factors in obese adolescents with Down Syndrome.

Role on Project: Co-Investigator

2R01HD056465-06 (Grant)	07/01/13 - 06/30/18	3 calendar	Source: NIH	\$832,810
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Genome Wide Association Study for Childhood Obesity

The goal of this study is to perform a whole genome scan to test for association to childhood obesity utilizing high-throughput tag-SNP arrays.

Role on Project: Co-Investigator

Changed: 2.4 calendar months to 3 calendar months

(Wadden)	1/2015 - 12/31/2017	0.6 calendar	Source: Eisai Medical Research	\$14,059
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LIBER Weight Loss Maintenance Trial

This study is will assess the use of the weight loss medication lorcaserin compared with placebo along with a lifestyle program for the maintenance of weight loss in adults with obesity.

Role on Project: Co-Investigator

CURRENT GRANTS SUPPORT

NAME Lisa Blaskey, Ph.D.

DEPARTMENT Psychiatry

DATE July 2013

<u>Grant Name & Sponsor Number</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Roberts RO1							
R01HD073258 PI's: Embick, Z. (Penn) & Roberts, TPL	8/13/12-5/31/17	R01	Co-Investigator	18%	NIH	\$112,440	MEG of Lexical Processing and Abstraction in ASD
2. Roberts Simons							
Roberts, TPL Grant#251203	3/1/12-7/31/14	PG	Psychologist	27%	Simons Foundation	\$181,102	Neuroimaging of Children with 16p11 Deletion; SVIP project
3. Electrophysiological signatures of language impairment in autism spectrum disorder							
R01DC008871-06A1	9/18/14-08/31/19	R01	Co-I	40%	NIH/NIDCD	\$212,500	Roberts
4. Magnetoencephalographic studies of lexical processing and abstraction in autism							
R01HD073258-04	9/01/12-5/31/17	R01	Co-1	12%	NIH/NICHD	\$123,877	Embick
5. Thalamic activity and structure and surface neura							
	8/01/15-7/31/17	FG	Co-I	12%	NIH/ NINDS	\$150,000	Edgar

CURRENTGRANTSUPPORT

NAME **Karin Borgmann-Winter, M.D.**

DEPARTMENT Psychiatry

DATE March 24, 2016

R01 MH 075916-05A1 (Hahn/Siegel) 4/1/15 – 3/30/20 1.2 calendar

“Src mediates molecular alterations leading to NMDAR hypofunction in schizophrenia”

NIMH \$145,939

The goal of this project is to investigate underlying mechanisms for NMDAR hypofunction in schizophrenia.

Role: Investigator

5P50-MH096891-04 (Gur P.I.) 9/01/12-05/31/17 1.2 calendar NIH/NIMH \$186,000

Developmental Trajectories of Negative Symptoms in Schizophrenia

Project IV (Hahn P.I.)

The goal of this work is to examine molecular and cellular underpinnings for NMDA receptor hypofunction in the amygdala of patients with schizophrenia compared with their matched controls

Role: Investigator

CURRENTGRANTSUPPORT

NAME **Rhonda, Boyd**

DEPARTMENT Psychiatry

DATE 5/24/16

08/01/13-06/30/16 Oscar G. and Elsa S. Mayer Family Foundation (PI: Guevara)

A Social Media Intervention to Teach Parenting for Women with Postpartum Depression

Role: Co-Investigator

CURRENT GRANTS SUPPORT

NAME Lauren Daniel, Ph.D.

DEPARTMENT Pediatrics/Oncology

DATE March, 2016

<u>Name of Grant & Sponsor Number#</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>
1. N/A - Loan Repayment Program for Pediatric Researchers (Daniel)	8/2014-6/2016	FG	NA		NIH	100% of loan burden
2. N/A - SIP AYA Self-Management via-Texting, Education & Plans for Survivors (Hill-Kayser)	9/2015-9/2018	FG	Co-I	25%	CDC	\$101,046

CURRENT GRANTS SUPPORT

NAME **Ricardo Eiraldi, Ph.D.** DEPARTMENT Division of Developmental and Behavioral Pediatrics

DATE: May 30, 2016

<u>Name of Grant</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Graduate Psychology Education Programs (D40 HP00039-03)	7/1/2013-6/30/2016	TG	Faculty	4%	HRSA (MCHB)	\$85,019	Train Interns and Fellows
2. Targeting School Climate and Behavioral Health in Urban Schools (HD073430-01)	1/1/2013-12/30/2017	R01	PI	60% 60% 50% 45% 40%	NICHD	\$414,223 \$390,572 \$397,057 \$388,559 \$383,806	
3. Team Functioning in School Mental Health Teams Implementing CBT							
MH-103955	6/1/2014-5/30/2017	T32	Faculty	0%	NIMH	\$169,056	Mentor Fellow (Dr. Courtney Benjamin Wolk)

CURRENT GRANTS SUPPORT

NAME Marsha Gerdes, PhD

DEPARTMENT Psychiatry

DATE 5/24/16

ACTIVE GRANTS

PA Department of Health (PI: Culhane) 1/1/2013 – 11/30/2016 1.2 calendar (10%)

Developmental and Behavioral Screening

Instruments for Children

The goal of this project is to assess and compare the feasibility and effectiveness of pediatric behavioral and developmental screening instruments for young children in Hispanic families (with limited English speaking ability) and in families with African born Black mothers.

NICHD R01 HD-073221-02 (PI: Culhane) 05/21/2013 – 3/31/2018 1.2 calendar (10%)

Eliciting Maternal Knowledge about the

Technology of Skill Formation

The goals of our research are to test whether there is heterogeneity in maternal knowledge about child development; to formulate an economic model of human development that allows for the heterogeneity in maternal beliefs to play a role in the maternal choices of investments; and to evaluate the importance of such heterogeneity in the determination of child development and the welfare of the families.

NICHD U10 HD-068244-04 (PI: Kirpalani) 4/1/2011- 3/31/2016 .3 calendar (2.5%)

The goal of this project is be part of the neonatal Research Network and participate in the follow-up efforts on multiple NRN research projects at CHOP/Penn

William Penn Foundation (PI: Guevara) 7/ 2015 – 2/18 .6 calendar (5%)

The goal of this project is to see if starting Reach Out and Read at the 2 week visit can have a positive impact on later literacy and development.

William Penn Foundation (PI: Gerdes) 12/1/15-11/30/2016 (15%)

The goal of this project is to work across provider systems to design an early childhood learning model that addresses the social emotional needs of children with behavioral issues in a heterogeneous setting in a high quality child care center in Philadelphia.

CURRENT GRANTS SUPPORT

NAME: Raquel E. Gur, M.D. Ph.D.

DEPARTMENT: Psychiatry

DATE: 06/22/2016

Ongoing Research Support

NIH T32 MH019112 (Gur, RE)

07/01/14 - 06/30/19

Schizophrenia: A Neuropsychiatric Perspective, This postdoctoral training grant provides stipends for Fellows to pursue research training in the neurobiology of schizophrenia.

NIH P50MH096891 (Gur, RE)

09/01/12 - 05/31/17

Developmental Trajectories of Negative Symptoms in Schizophrenia. The goal of this Center grant is to probe brain circuitry that underlies the core negative symptoms of schizophrenia, diminished emotional expressivity and social drive, in humans and mice. It capitalizes on new collaborations and advances in the field, pursuing translational aims with multi-level complementary approaches focused on dissecting major phenotypic features of schizophrenia that are of clinical importance yet poorly understood.

NIH U01 MH087626 (Gur, RE)

09/10/10 - 05/31/17

1/2 - Brain-Behavior and Genetic studies of the 22q11DS

Brain-Behavior and Genetic Studies of the 22q11DS is a collaborative U01 between Children's Hospital of Philadelphia (CHOP) and the University of Pennsylvania (Penn) combines genetic and neurobiologic paradigms to advance understanding of the pathogenesis of schizophrenia.

NIH U01MH101719 (Gur, RE)

09/26/13 - 07/31/17

1/5 International Consortium on Brain and Behavior in 22q11.2 Deletion Syndrome

This is a collaborative U01 of 22 institutions, with one genomic and four phenotyping leading sites. The collaboration combines genomic with neuropsychiatric and neurobehavioral paradigms to advance the understanding of the pathogenesis of schizophrenia (SZ) and related phenotypes.

NIH U01 MH096756 (Subcontract PI: Gur, RC)

01/10/13 - 12/31/17

1/3 Genomics of Schizophrenia in the South African Xhosa

This project proposes a 10-test neurocognitive battery that's selected from a larger battery and measures performance across 10 neurocognitive domains in approximately 35 minutes.

NIH P30MH097488 (Evans)

06/03/13 - 05/31/18

Penn mental health AIDS research center

This Center focuses on the combination of mental illness and HIV/AIDS and related comorbidities to develop innovative, integrated treatments to optimize psychiatric, behavioral, and medical outcomes and to achieve a better understanding of the biological, psychological, and behavioral mechanisms underlying these combined illnesses and treatments.

NIH 1R34 MH105248-01 (Gur, RC)

09/10/14 - 08/31/17

Developing CBT-informed social enactment training curricula for CHR youths

This grant proposes to perform a pilot proof of concept study to construct an effective protocol for incorporating Thespian principles into the treatment of social cognition deficits in CHR.

NIH R01MH042191 (Gur, RE)

03/01/15 - 02/28/19

1/3-A Neurobehavioral Family Study of Schizophrenia

The goal of this project is to identify rare genetic variations that contribute to the brain deficits and the risk for schizophrenia, using extensive family based resources that we have already accumulated. We aim to identify rare SCZ risk variants in multiplex families using an efficient and cost effective strategy that combines novel founder-specific linkage analyses, whole genome sequencing of selected individuals and panels of selected SNPs. Using the available extensive quantitative data, we will investigate the expression of the risk loci beyond affection status and take a dimensional approach to vulnerability and severity. We will also investigate the expression of the rare variants in neurons differentiated from induced pluripotent stem cells.

NIH U01MH105634 (Gur, RE)

03/01/15 - 02/28/19

3/3: Pedigree-based Whole Genome Sequencing of Affective and Psychotic Disorders

This is an eight site international consortium designed to identify rare causal variants for affective and psychotic illnesses using extended multiplex pedigrees. The goal is to identify genes that increase risk for affective and psychotic disorders like schizophrenia, bipolar disorder and major depression

NIH R01MH107235 (Gur, RC)

07/01/15 - 06/30/18

Multimodal brain maturation indices modulating psychopathology and neurocognition

The project will identify candidate parameters for genomic analysis with a battery of network diagnostics including segregation and modularity as defined by multi-scale community detection methods, establish normative development effects and aberrations associated with psychopathology, examine the GWAS- findings from the PGC and associated polygene scores and their effects on patterns of development and emerging biotypes, and validate these findings in a sample with 24 and 36 months follow-up.

NIH U01-MH081902. (Subcontract PI: Gur, RE)

07/1/15 - 06/30/19

1/9 - Predictors and Mechanisms of Conversion to Psychosis

The study plan involves the recruitment and evaluation of 162 psychosis-spectrum (PS) cases with clinical, neurocognitive, neuroimaging, and blood-based assays at baseline and 18-month and 36-month follow-up.

CURRENTGRANTSUPPORT

NAME: John D. Herrington, Ph.D.

DEPARTMENT: Psychiatry

DATE: 05/23/2016

<u>Name of Grant</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
1. SMA1041755 - Temporal Dynamics of Learning: Perceptual and motor learning of dynamic facial expressions: An intervention for children with autism	10/01/2013 - 09/30/2017	FG	Investigator	5	National Science Foundation	\$33,000.00	
2. MH099021-01 - Toward Outcome Measurement of Anxiety in Youth with Autism Spectrum Disorders	09/15/2012 - 05/21/2016	RO1	Investigator	15	NIH	\$127,003.00	
3. - Biobehavioral Markers of Anxiety in Autism Spectrum Disorder	06/01/2012 - 07/01/2015	IG	PI	75	Shire Pharmaceuticals	\$682,303.00	In no-cost extension; salary support for the PI will resume January 2015

CURRENTGRANTSUPPORT

NAME Matthew C. Hocking, PhD

DEPARTMENT Psychiatry

DATE October, 2015

<u>Grant Name & Sponsor Number</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual Direct Cost</u>	<u>Additional Comments***</u>
1.N/A- A Parent Companion Intervention to CogmedRM in Pediatric Brain Tumor Survivors: An Initial, Randomized Clinical Trial	7/1/13-6/30/14 with No Cost Extension [NCE] to 12/31/15	PG	PI	5%	CCCR/ALSF	\$50,000	No salary support for 5% effort
2. 1R03CA162970-01A1 - Neurocognitive and Family Functioning at End of Therapy in Pediatric Brain Tumor	9/7/12-8/31/14 with No Cost Extension [NCE] to 8/31/15	FG (R03)	PI	10%	NCI	\$50,000	

CURRENTGRANTSUPPORT

3. 1K07CA178100-01 - A Prospective Study of Social Competence in Pediatric Brain Tumor Survivors	9/23/13-8/13/18	FG/TG	PI	80%	NCI	\$117,000	
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CURRENTGRANTSUPPORT

NAME Emily Kushner, PhD

DEPARTMENT Psychiatry

DATE 5/12/16

<u>Name of Grant & Sponsor Number#</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>
1. U54HD086984 - MEG Studies of Auditory Processing in Minimally/Non-verbal Children with ASD and Intellectual Disability	11/1/15 - 5/31/20	PP	Co-I	29.10	NICHHD	\$177,303
2. 1R01HD073258 - Magnetoencephalographic Studies Of Lexical Processing And Abstraction In Autism	8/13/12 - 5/13/17	R01	Phenotyping Psychologist	5.00	NICHHD	\$92,492
3. N/A - It's not how you start, but how you finish: Development and Standardization of Picky Eating Treatment Outcome Measures	11/1/14 - 10/31/16	PG	PI	0.00	CHOP/UPenn McMorris Autism Initiative	\$3,685

CURRENTGRANTSUPPORT

NAME: Stephen Scott Leff, Ph.D.

DEPARTMENT: Pediatrics

DATE: 04/14/2016

<u>Name of Grant</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
3. - Partner for Prevention (P4P): A Whole School Approach to Peer Bullying	09/01/2013 - 08/31/2016	FG	Principal Investigator	30	The Institute of Education Sciences, Department of Education	\$350,000.00	
4. - Leadership Education on Neurodevelopmental & Related Disabilities (LEND)	07/01/2011 - 06/30/2016	TG	Res. Dir. & Training Faculty	22	Maternal and Child Health Bureau	\$486,740.00	

CURRENT GRANTS SUPPORT

NAME **Debra S. Lefkowitz, Psy.D.**

DEPARTMENT Psychiatry

DATE October 2015

<u>Name of Grant & Sponsor Number#</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
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1. Pediatric Heart Transplantation: Transitioning to Adult Care (TRANSIT) 1R34HL111492	7/15/2013-6/30/2016	R34	Site PI	.01	NIH	\$5,500	
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NAME: **Leanne Magee, PhD**

DEPARTMENT: DCAPBS/Plastic & Reconstructive Surgery

DATE: October, 2013

<u>Grant Name & Sponsor Number</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Craniofacial Microsomia: Longitudinal Outcomes in Children pre-Kindergarten (CLOCK) 1R01DE022438-01	2012 – 2017	R01	Co-Investigator	20%	NIDCR Heike & Speltz – PI		Multicenter
2. Importance of Appearance to Patients with Visual Impairment Sponsor # Not Available	2013	PG	Co-Investigator	0%	Center for Human Appearance, University of Pennsylvania		Single center; \$10,000 one-time award; No salary support provided
3. Psychosocial Functioning in Pediatric Ptosis Patients and their Parents Sponsor # Not Available	2010-2015	PG	Principal Investigator	0%	Center for Human Appearance, University of Pennsylvania		Single center; \$10,000 one-time award; No salary support provided
4. Family and Adolescent Self Image Study (IRB maintenance only) Sponsor # Not Available		FG	Site PI	0%	NIH-NIDCR Crerand – PI		Multicenter; serving as IRB of record for Dr. Crerand's project at Nationwide

CURRENT GRANTS SUPPORT

5. Child Learning Project	FG	Site PI	0%	Multicenter; serving as recruitment sub-site for Northwestern
Sponsor # Not Available				

CURRENT GRANTS SUPPORT

NAME **Meghan L. Marsac, Ph.D.**

DEPARTMENT Psychiatry

DATE January 11, 2016

<u>Name of Grant & Sponsor Number#</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>
1. Distributing Cellie Cancer Kits Sponsor # Not Available	12/15/2011- Ongoing	PG	PI	1%	Coach Wags Foundation	\$34,500
2. Understanding Predictors of Post-Traumatic Stress After Pediatric Medical Events Sponsor #1K23MH093618-01A1	4/5/2012- 6/30/2016	FG	PI	75%-90%	NIH/NIMH K23	\$134,000
3. Violence Prevention Initiative Sponsor # Not Available	7/1/2013- 6/30/2018	PG	Training Lead	10%	CHOP	\$746,057
4. Testing the Feasibility and Effectiveness of the Cellie Coping Kit for Injury in Children Who Have Experienced a Mild or Moderate TBI Sponsor # Not Available	1/1/2015 - 12/31/2016	PG	Co-PI	1%	Akron Children's Hospital Foundation	\$8,000
5. An eHealth solution for posttraumatic stress and pain screening integrated in pediatric injury care	12/1/2015- 11/30/2016	FG	Co-I	10%	NIH	\$210,472

CURRENT GRANTS SUPPORT

NAME **Jennifer A. Mautone, Ph.D., NCSP, ABPP**

DEPARTMENT Psychiatry

DATE May 2016

<u>Name of Grant & Sponsor Number</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual</u>	<u>Additional Direct Cost</u>	<u>Comments***</u>
1. Targeting School Climate and Children's Behavioral Health in Urban Schools R01HD073430	1/1/13-12/31/17	R01	Co-I/PD	45	NIH/NICHD		\$401,824	PI - R. Eiraldi
2. Graduate Psychology Education at CHOP D40HP25714	7/1/13-6/30/16	TG	Training faculty	20	HRSA/BHPr		\$150,149	

CURRENT GRANTS SUPPORT

NAME **Judith S. Miller, Ph.D.**

DEPARTMENT Psychiatry

DATE March, 2016

<u>Name of Grant & Category*</u>	<u>Period of</u>	<u>Grant</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual</u>	<u>Additional</u>	<u>Sponsor Number</u>	<u>Award</u>
				<u>Direct Cost</u>	<u>Comments***</u>				
1. Neural Correlates of the Y Chromosome in Autism: XYY Syndrome as a Genetic Model W81XWH-15-1-0354	8/15/2015- 8/14/2017	FG	Co-Investigator	9%	Department of Defense	\$222,970		PIs: T.Roberts & J. Ross	
2. Leadership Education in Neurodevelopmental And Related Disabilities T73MC00051	7/1/1999- 6/30/2016	FG	Investigator	22%	Health Resources and Services Administration	\$753,690		PI: N. Blum	
3. Toward Outcome Measurement of Anxiety of Youth With Autism Spectrum Disorders 1R01MH099021-04	9/15/2012- 5/31/2016	FG	Co-Investigator	10%	NIH	\$115,274		CHOP Subcontract, PI: R. Schultz Prime: Emory Univ, PI: L. Scahill	
4. Clinical Algorithm for Identifying Adult Autism	9/15/2012- 5/31/2016	FG	Investigator	8%	NIH	\$115,274		CHOP Subcontract Prime: UPenn 5R34MH100356-03	

PI: D. Mandell

5. CHOP/Penn McMorris Autism Initiative	7/1/2014-6/30/2018	PG	Training Director	10%	McMorris Family Foundation	\$125,000	PIs: R Schultz & D. Mandell
6. Finally Making Response to Name useful as a	11/1/2014-3/31/2016	PG	Primary Investigator (Pilot Award Recipient Support)	1.28% (No Salary Support)	McMorris Family Foundation No-Cost	\$25,000	PIs: R Schultz & D. Mandell Diagnostic Indicator Extension
7. Intellectual and Developmental Research Center: Administrative – Core A 5P30HD026979-25-S1	11/1/2015-5/31/2020	FG	Co-Investigator	3.72%	NIH	\$83,017	PI: Schultz mental Disabilities
8. Supporting the Clinical Development Program of LUM001 in Creatine Transporter Deficiency	9/1/2015-6/30/2016	IG	Primary Investigator	3%	Lumos Pharma	\$40,000	
9. A Study to Assess the Janssen Autism Knowledge Engine in Children and Adults with Autism Spectrum Disorder Developing Cohort	8/1/2015-12/31/2016	IG	Primary Investigator	3%	Janssen Research & Development	\$125,277	Multisite Clinical Trial; Budget is variable depending on the number of and in a Normally participants enrolled

CURRENTGRANTSUPPORT

NAME **Wanjiku F. M. Njoroge, M.D.**

DEPARTMENT Psychiatry

DATE _2/27/15

<u>Name of Grant & Sponsor Number#</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
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1. Graduate Psychology Education Programs D40HP25714-01-00		FG/TG	Training Faculty	5%	Health Resources and Services Administration	\$150,149	
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CURRENTGRANTSUPPORT

NAME **Iris Paltin, Ph.D.**

DEPARTMENT Psychiatry

DATE November, 2015

<u>Grant Name & Sponsor Number</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Proton Radiation Therapy Data Registry for Childhood Brain and Spinal Tumors	10/1/2011-current	0	Co-Investigator	10%	CHOP/PENN	Unfunded	Note: no end date; ongoing collection process; perpetuity Neuropsychologist/ Co-Investigator; Supervise data management PI: Peter Phillips, MD

2. Neuropsychological, Social, Emotional and Behavioral Outcomes in Children with Cancer (COG ALTE07C1)	11/01/2011 – current	CT	Behavioral Site Monitor/Site Neuropsychologist	5%	Children's Oncology Group (COG)	Children's Oncology Group (COG)	Note: no end date; ongoing collection process until a certain number of patients enroll Communicate with multiple hospitals in US and Australia, liaison with national COG PI: Leanne Embry, PhD
3. Comparison of treatment-related morbidities in pediatric patients with standard risk medulloblastoma treated with craniospinal irradiation using either photons or protons	6/1/2013- current	O	Site Principal Investigator	5%	NYU	Unfunded	Note: no end date; ongoing collection process; perpetuity Site Neuropsychologist PI: Jeffrey C. Allen, M.D.
<u>Grant Name & Sponsor Number</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual Direct Cost</u>	<u>Additional Comments***</u>
4. A Parent Companion Intervention to CogmedRM in Pediatric Brain Tumor Survivors: An Initial, Randomized Clinical Trial (CCCR-ALSF)	7/1/2013 – 6/30/2014 with No Cost Extension [NCE] to 12/31/2014	PG	Site Co-I	5%	CCCR-ALSF (Alex's Lemonade Stand Foundation)	\$25,000	Site Neuropsychologist PI: Matthew Hocking, PhD
5. Computerized Cognitive Training for Pediatric Brain Tumor Patients: A Pilot Study. (ACCL10P1)	11/1/2013-12/31/2014	CT	Behavioral Site Monitor/Site Neuropsychologist	5%	Children's Oncology Group (COG)	Children's Oncology Group (COG)	Site Neuropsychologist/ Co-Investigator PI: Kristina Hardy, PhD
6. A Phase II Study for the Treatment of Non-Metastatic Desmoplastic Medulloblastoma in Children Less than 4 Years of Age. (ACNS1221)	4/1/2014 – current	CT	Behavioral Site Monitor/Site Neuropsychologist	5%	Children's Oncology Group (COG)	Children's Oncology Group (COG)	Note: no end date; ongoing collection process until a certain amount of patients have been enrolled Communicate with multiple hospitals in US and Australia, liaison with national COG, PI: Lucie LaFay-Cousin, MD

CURRENT GRANTS SUPPORT

NAME Juhi Pandey, PhD DEPARTMENT _____ DATE 10/07/2015

<u>Grant Name & Sponsor Number</u>	<u>Period of Grant Award</u>	<u>Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual Direct Cost</u>	<u>Additional Comments***</u>
1. A Longitudinal MRI Risk for Autism; 5R01HD055741-09	9/4/12-5/31/17	FG	Co-Investigator	30% effort	NIH	\$316,737 (UNC) Subcontract	Prime (PI: Piven, Study of Infants at CHOP (PI: Schultz))
2. Centers for Autism and Developmental Disabilities (CADDRE): Study to Explore Early Development; 5U01DD000752-05	7/1/11-6/30/16	FG	Co-Investigator	30% effort	CDC	\$207,485 Subcontract to CHOP (PI: Levy)	Prime (PI: Pinto-Martin, Penn) Research and Epidemiology
3. Concluding Follow-Up Of Families Enrolled in EARLI Cohort; No Award No.	12/1/11-6/30/16	PG	Co-Investigator	30% effort	Autism Speaks	\$83,226	Prime (PI: Newschaffer, Drexel) Subcontract to CHOP (PI: Levy)
4. CROSS: Collaborative Risk and Outcome Scientific The IBIS-EARLI Collaboration	1/1/09-12/31/15	PG	Other Significant Contributor	0% effort	Autism Speaks	\$8,238	Prime (PI: Piven, UNC) Subcontract Study/ to CHOP (PI: Schultz)

CURRENTGRANTSUPPORT

NAME JuliaParish-Morris, Ph.D.

DEPARTMENT Psychiatry

DATE September, 2015

<u>Name of Grant & Sponsor Number#</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Language as a moderator of treatment response in preschoolers with ASD Sponsor # N/A	11/1/14-10/31/15	PG	PI	10%	McMorris Foundation	\$24,847	Research support, no salary
2. Developing automated algorithms to assess linguistic variation in individuals with autism Sponsor # 14.1007	7/1/14-6/30/15 (6-month no cost extension until 12/30/15)	TG	PI	10%	Autism Science Foundation	\$35,000	Currently in a 6-month no-cost extension until 12/30/15
3. Maturational biology of social attention in autism spectrum disorder Sponsor # UL1TR000003	7/1/15-6/30/17	PG	Postdoctoral Researcher	12.5%	ITMAT Pilot Grant, CHOP	\$45,801	Research and salary support
4. Finding a "linguistic signature" of autism spectrum disorder Sponsor # N/A	7/1/08-6/30/18	PG	Co-I	67.5%	Allerton Foundation	\$500,000	Research and salary support

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CURRENTGRANTSUPPORT

NAME **Thomas J. Power, Ph.D.**

DEPARTMENT Pediatrics

DATE 7/1/14

<u>Name of Grant</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Preparing Psychology Interns For Community Practice	9/30/12-9/29/15	TG	Project Faculty	.05	HRSA	\$58,500	PI: Robins
2. Targeting school climate and children's behavioral health in urban schools	2/1/13-1/31/18	R01	Co-I	.04	NICHD	\$479,000	PI: Eiraldi
3. Graduate Psychology Education	2/22/10-2/21/15	TG	Co-PI	.075	HRSA/BHPr	\$139,027	Co-PI: Robins
4. Educating and Supporting Primary Care Providers in Implementing EBPs for ADHD	1/1/14-12/31/15	IG	Co-PI	.125	Pfizer	\$201,272	Co-PI: Fiks
5. Longitudinal study of adverse driving outcomes among adolescents with ADHD	10/1/14-7/31/17	R01	Co-I	.05	NICHD	\$305,000	PI: Curry

1R01HD079398-01A1

6. Communication to Improve Shared Decision Making in ADHD 9/1/15-8/31/18 FG Co-I .10 PCORI \$500,000 PI: Guevara

7. Diagnostic Driving: Real Time Driver Condition Detection through Analysis of Driving Behavior 9/1/15-6/30/19 FG Co-I .05 National Science Foundation Gonzalez Co-PIs: Ontanon, Lee,

CURRENT GRANTS SUPPORT

NAME Paul M. Robins, Ph.D. DEPARTMENT Psychiatry DATE July, 2015

Name of Grant & Sponsor Number Period of Award Grant Category* Role in Grant** % Effort Funding Source Annual Direct Cost Additional Comments***

1. Training Behavioral Pediatricians: The MCHB-Penn Partnership T77MC00012-18-00	7/1/20013-6/30/2018	FG/TG	Project Faculty	5%	Maternal Child Health Bureau/Health Resources and Services Administration		
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2. UAP Leadership Education in Neurodevelopmental Disabilities T73MC00051-11-01	7/1/2013-	FG/TG	Project Faculty	2.5%	Maternal Child Health Bureau/Health Resources and Services Administration	\$763,555	
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3. Mental and Behavioral Health Education and Training Program M01HP25180	9/30/12-9/29/15	FG/TG	Project Director	7%	Health Resources and Services Administration	\$64,000	
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4. Graduate Psychology Education Programs \$150,149 7/1/2013-6/30/2016 FG/TG Project Director 20% Health Resources and Services Administration

CURRENTGRANTSUPPORT

NAME Alix Timko, Ph.D.

DEPARTMENT Psychiatry

DATE March 2015

<u>Name of Grant & Sponsor Number#</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant **</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Current Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Secondary prevention of eating disorders in pediatric primary care.	July 1, 2015-June 30, 2017	PG	Psychologist	5%	Hilda and Preston Davis Foundation	\$150,257	PI – R. Peebles

CURRENTGRANTSUPPORT

NAME: Melissa S. Xanthopoulos, Ph.D.

DEPARTMENT: Child and Adolescent Psychiatry and Behavioral Sciences

DATE: 05/31/16

<u>Name of Grant</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Current Annual Direct Cost</u>
1. R01HD071981 Cardiometabolic Risk Factor and Obesity in Adolescents with Down Syndrome	09/01/2012 – 07/31/2017	R01	Co-Investigator	10	\$386,559
2. Infant Growth and Microbiome Study	04/01/2014-03/31/2017	0	Collaborator	0	
3. Bridge Funding-Treatment of Adolescent Obesity	07/01/15-06/30/2016	0	Clinical Research Psychologist	20	

CURRENTGRANTSUPPORT

NAME **Benjamin E. Yerys, Ph.D.**

DEPARTMENT Psychiatry

DATE May, 2016

<u>Name of Grant & Sponsor Number</u>	<u>Period of Award Category*</u>	<u>Grant</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual Direct Cost</u>	<u>Additional Comments***</u>
1. Longitudinal study of adverse driving outcomes among adolescents with ADHD	9/22/14-7/31/17	FG	Co-I	10	NICHD	\$350,000	
2. Focus testing/Pilot of Planet EVO	7/1/15-6/30/16	IG	PI	1	Akili Interactive Labs	\$30,000	
3. Dimensional analysis of developmental brain disorders using an online, genome-first approach	9/15/15-5/31/20	FG	Co-I	10	NIMH	\$485,256	
4. Development of an executive function battery for preschoolers with AS	4/1/15-9/30/15	PG	PI	4	McMorris Family Foundation	\$25,000	

CURRENTGRANTSUPPORT

NAME: **James Yi, MD, PhD** DEPARTMENT: Psychiatry DATE: 02/05/16

<u>Name of Grant</u>	<u>Period of Award</u>	<u>Grant Category*</u>	<u>Role in Grant**</u>	<u>% Effort</u>	<u>Funding Source</u>	<u>Annual Direct Cost</u>	<u>Additional Comments</u>
1. 1K23MH108736-01	09/15/15-08/31/19	NIMH K23	PI	80%	NIMH	\$169,279	

*For **Grant Category**, use code in bold from the following menu:

R01 NIH R01 **CT** Clinical Trials

PP NIH Program Project, Center or Core Grants **TG** Training Grants

FG Federal Grants - Other (including other individual NIH grants **IG** Industrial Grants (including pharmaceutical)

and grants from VA, NSF, Dept. of Energy, etc.) **PG** Private Foundation Grants (including internal Penn grants)

** For program projects, specify whether PI, co-leader or project leader. For center, core and training grants, similarly specify your role.*** Include any additional, brief information. For clinical trials, for example, specify if multicenter or single center and indicate role of Penn site. Explain any grants in **Other** category.