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The Department of Pediatrics at New York-Presbyterian Morgan Stanley Children’s Hospital/Columbia University Medical Center has 81 postdoctoral trainees in 14 Accreditation Council of Graduate Medical Education (ACGME) accredited subspecialty training programs overseen by the Program Directors of each Division. The Pediatrics Department wishes to recognize the extraordinary work done by the Program Directors, and the coordinators, of the Divisions who are engaged in the ongoing training of the Fellows as well as responsible for completing all the regulatory components of Fellowship training. Each year, the Pediatric Fellows are chosen from competitive pools of applicants for subspecialty training. All Pediatric Fellows complete a 3-year Fellowship with the majority of the time devoted to research activities. The Pediatric Faculty places great value in preparing young aspiring clinician-investigators to become contributors to the expanding field of Pediatric Medicine.

Scholarly Oversight Committees (SOC) review, support and guide the research and scholarly efforts of the Fellows. Many Fellows are excited to be working with established research mentors in their field who assist them in their research endeavors and encourage them with valuable feedback. The Pediatric Department is grateful to all those mentors who participate in helping influence the education of the next generation of investigators.

The Pediatric Fellow’s life is filled with experience and increasing autonomy. Along with extensive clinical exposure, the Department of Pediatrics offers an array of conferences, journal clubs, research opportunities, and core educational seminars to complement the activities of the specific program a Fellow enters. The Department of Pediatrics has a well-established tradition of encouraging and supporting its Fellows to participate in activities locally and nationally to enhance their education. This annual report again highlights our Fellows accomplishments of the past year, early successes that augur to the academic potential of these young physician scientists. The Department of Pediatrics remains deeply committed to helping young talented physicians develop their academic careers and takes great pride in watching the progress of the departments’ graduates.

Congratulations to these talented graduates of the Fellowship Programs, Class of 2014. We wish each one of you continued success in your future professional endeavors.

Lawrence R. Stanberry, MD, PhD
Reuben S. Carpentier Professor of Pediatrics
Chairman, Department of Pediatrics

Helen M. Towers, MD, FRCP, FAAP
Director, Pediatric Fellowship Programs

Gail Fayanju
Administrative Assistant, Pediatric Fellowship Programs
# Pediatric Fellowship Administration

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<tr>
<th>Pediatric Fellowship Office</th>
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<tr>
<td><strong>Helen M. Towers, MD</strong>&lt;br&gt;Director&lt;br&gt;Pediatric Fellowship Programs</td>
<td><strong>Adolescent Medicine</strong>&lt;br&gt;Karen Soren, MD</td>
<td><strong>Allergy &amp; Immunology</strong>&lt;br&gt;Jacqueline Gutbrod</td>
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<td><strong>Gail Fayanju</strong>&lt;br&gt;Administrative Assistant&lt;br&gt;Pediatric Fellowship Programs</td>
<td><strong>Allergy &amp; Immunology</strong>&lt;br&gt;Rachel Miller, MD, FAAAAI&lt;br&gt;Program Director&lt;br&gt;&amp; Stephen Canfield, MD&lt;br&gt;Associate Director</td>
<td><strong>Cardiology</strong>&lt;br&gt;Sharon Levine</td>
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<td><strong>Pediatric Residency Program</strong></td>
<td><strong>Hematology</strong>&lt;br&gt;Darrell Yamashiro, MD, PhD</td>
<td><strong>Critical Care</strong>&lt;br&gt;Veronica Santiago</td>
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<td><strong>Steve Paik, MD, EdM</strong>&lt;br&gt;Program Director</td>
<td><strong>Hepatology</strong>&lt;br&gt;Nadia Ovchinsky, MD, MBA</td>
<td><strong>Emergency Medicine</strong>&lt;br&gt;Matthew C. Sheehan</td>
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<td><strong>Linda Aponte-Patel, MD</strong>&lt;br&gt;Associate Director</td>
<td><strong>Infectious Disease</strong>&lt;br&gt;Natalie Neu, MD, MPH</td>
<td><strong>Endocrinology</strong>&lt;br&gt;Ilka Piñiero</td>
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<td><strong>Adolescent Medicine</strong>&lt;br&gt;Karen Soren, MD</td>
<td><strong>Neonatal-Perinatal</strong>&lt;br&gt;S. David Rubenstein, MD&lt;br&gt;Program Director&lt;br&gt;&amp; Tina Leone, MD&lt;br&gt;Associate Director</td>
<td><strong>Hematology-Oncology</strong>&lt;br&gt;Randi Moskowitz&lt;br&gt;Harriet Clary&lt;br&gt;Mayra Robles</td>
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<td><strong>Adolescent Medicine</strong>&lt;br&gt;Karen Soren, MD</td>
<td><strong>Primary Care Research</strong>&lt;br&gt;Melissa Stockwell, MD, MPH</td>
<td><strong>Gastroenterology</strong>&lt;br&gt;Tyree Perez</td>
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<td><strong>Critical Care</strong>&lt;br&gt;Katherine Biagas, MD&lt;br&gt;Program Director&lt;br&gt;&amp; Linda Aponte-Patel, MD&lt;br&gt;Associate Director</td>
<td><strong>Pulmonary</strong>&lt;br&gt;Beverley Sheares, MD, MS&lt;br&gt;Program Director&lt;br&gt;&amp; Andrei Constantineau, MD, PhD&lt;br&gt;Associate Director</td>
<td><strong>Infectious Disease</strong>&lt;br&gt;Julia Zhou</td>
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<td><strong>Clinical Medical Genetics</strong>&lt;br&gt;Alejandro Iglesias, MD</td>
<td><strong>Rheumatology</strong>&lt;br&gt;Lisa Imundo, MD&lt;br&gt;Program Director&lt;br&gt;&amp; Josephine Isgro, MD&lt;br&gt;Associate Director</td>
<td><strong>Neonatal-Perinatal</strong>&lt;br&gt;Cynthia Abreu</td>
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<td><strong>Emergency Medicine</strong>&lt;br&gt;Cindy Ganis Roskind, MD</td>
<td><strong>Neurology</strong>&lt;br&gt;Fangming Lin, MD, PhD</td>
<td><strong>Nephrology</strong>&lt;br&gt;Yvonne Diaz-Cruz</td>
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<td><strong>Endocrinology</strong>&lt;br&gt;Sharon Oberfield, MD</td>
<td><strong>Primary Care Research</strong>&lt;br&gt;Melissa Stockwell, MD, MPH</td>
<td><strong>Rheumatology</strong>&lt;br&gt;Gail Fayanju</td>
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<td><strong>Gastroenterology</strong>&lt;br&gt;Steven Lobritto, MD&lt;br&gt;Program Director&lt;br&gt;&amp; Sarah Shragger Lusman, MD&lt;br&gt;Associate Director</td>
<td><strong>Pulmonary</strong>&lt;br&gt;Beverley Sheares, MD, MS&lt;br&gt;Program Director&lt;br&gt;&amp; Andrei Constantineau, MD, PhD&lt;br&gt;Associate Director</td>
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### SCHOLARLY OVERSIGHT FACULTY COMMITTEE MEMBERS

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<td><strong>Domenico Accili, MD</strong></td>
<td>Epilepsy Research Foundation Professor of Medicine (In Medicine)</td>
<td>Department of Medicine - Division of Neurology</td>
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<td><strong>Emilio Arteaga-Saito, MD, PhD</strong></td>
<td>Assistant Professor of Pediatrics</td>
<td>Division of Pediatric Critical Care Medicine</td>
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<td><strong>Anca D. Askarase, MD</strong></td>
<td>Assistant Professor of Medicine</td>
<td>Department of Medicine - Division of Rheumatology</td>
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<td><strong>Gudrun Aspelund, MD, MS</strong></td>
<td>Assistant Professor of Surgery</td>
<td>Division of Pediatric Surgery</td>
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<td><strong>Emile Bacha, MD</strong></td>
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<td><strong>Giralda Balan, MD</strong></td>
<td>Professor of Pediatrics</td>
<td>Division of Imaging Science and Pathology</td>
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<td><strong>David A. Betancot, MD</strong></td>
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<td><strong>Erika S. Bernard-Rosenweig, MD</strong></td>
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<td>Division of Pediatric Cardiology</td>
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<td><strong>Jahar Bhattacharya, MD, DM</strong></td>
<td>Professor of Medicine</td>
<td>Division of Pulmonary &amp; Critical Care Medicine</td>
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<td><strong>Nina Burich, MD, PhD</strong></td>
<td>Postdoctoral Fellow</td>
<td>Department of Psychiatry &amp; Neurosciences</td>
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<td><strong>Stephen Canfield, MD, PhD</strong></td>
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<td>Division of Pediatric Hematology</td>
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<td><strong>Marina Cattaruzza, MD, MSCE</strong></td>
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<td>Division of Pediatric Hematology</td>
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<td><strong>Paul J. Choi, MD</strong></td>
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<td>Department of Surgery</td>
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<td><strong>Jonathan M. Chen, MD</strong></td>
<td>Professor of Medicine</td>
<td>Division of Pediatric Cardiovascular Surgery</td>
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<td><strong>Lauren Chemm, MD</strong></td>
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<td><strong>Wendy K. Chung, MD, PhD</strong></td>
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<td>Division of Molecular Genetics</td>
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<td>Division of Dermatology &amp; Development</td>
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<td><strong>Alex Dransfield, MD</strong></td>
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<td><strong>Jeffrey Edwards, MD</strong></td>
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<td><strong>Charles W. Emala, MD</strong></td>
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<td>Division of Anesthesiology &amp; Intensive Care</td>
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<td><strong>Donna Farber, MD</strong></td>
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<td>Department of Surgery</td>
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<td>Division of Neonatal-Perinatal Medicine</td>
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<td><strong>Judith Feldman, MD</strong></td>
<td>Lecturer, Child &amp; Adolescent Psychiatry</td>
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<td><strong>Ilene Fennoy, MD</strong></td>
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<td><strong>Anthony W. Ferrante, MD</strong></td>
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<td>Department of Medicine - Division of Preventive Medicine</td>
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<td><strong>Anne Ferris, MD</strong></td>
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<td><strong>William P. Fifer, MD</strong></td>
<td>Professor of Medical Psychology</td>
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<td><strong>Marc D. Focia, MD</strong></td>
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<td><strong>Michael D. Gerstman, MD</strong></td>
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<td><strong>Jennifer Higgins, MD</strong></td>
<td>Adjunct Assistant Professor, Population &amp; Family Health</td>
<td>Mailman School of Public Health</td>
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<td><strong>Paul A. Krawitz, MD</strong></td>
<td>Associate Professor of Ophthalmology &amp; Development &amp;</td>
<td>Department of Medicine - Division of Genetics &amp; Development</td>
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<td>Karen Sorensen, MD</td>
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<td>Division of Adolescent Medicine</td>
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<td>Henry M. Spatzitz, MD</td>
<td>George H. Humphreys, Jr. Professor of Surgery</td>
<td>Vice Chair, Research &amp; Information Systems Department of Surgery</td>
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<td>Vadim Ten, MD, PhD</td>
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<td>Hervé Tettelin, PhD</td>
<td>Associate Professor of Microbiology &amp; Immunology</td>
<td>&amp; at the Institute for Genome Sciences</td>
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<td>Alejandro Torres, MD</td>
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<td>Daniel Tsze, MD, MPH</td>
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ADOLESCENT MEDICINE

The Section of Adolescent Medicine supports a variety of clinical programs for adolescents, training opportunities for students, residents and fellows, and research projects focused on improving the health of adolescents and young adults everywhere.

Our five-year old ACGME-accredited fellowship program is designed to prepare young physicians for careers as leaders in the field of academic adolescent health care. Clinical training venues include an academic adolescent medicine primary care practice, a large school-based health care system, a practice specifically geared to young men’s health, and an inpatient adolescent medicine consult service. Fellows are given protected time for research and scholarship, and are encouraged to take classes at the Mailman School of Public Health in order to help develop research skills. A faculty of 9 adolescent medicine-trained providers at Columbia University Medical Center, and 2 at the Weill Cornell campus, provide the clinical and research mentorship that is critical for the fellowship training experience. The division has 3 fellows in the program.

FELLOWSHIP PROGRAMS
ADOLESCENT MEDICINE
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ALLERGY & IMMUNOLOGY
The fellowship program in Allergy & Immunology is a 2 year, ACGME accredited program committed to training scholarly practitioners or investigators in an academic environment. Graduates acquire a clinical approach based upon knowledge of the relationship between structural and functional abnormalities and their clinical manifestations; a clinical analysis of the literature; and expert analysis of adult and pediatric respiratory and dermatological allergy. The fellowship also provides experience and management of the diverse clinical problems seen in the Allergy Clinic and Asthma Center. By the end of the training program, the graduate should be equipped to provide superior care to pediatric and adult allergy and immunology patients.

Fellows complete specific rotations concentrating on adult allergy and immunology, pediatric allergy and immunology, food allergy, immunodeficiency, asthma, dermatology, adult and pediatric rheumatology, adult and pediatric ENT clinics.

During the second research year, fellows have access to a wide range of investigative problems and technologies in clinical investigation, cell and molecular biology, and immunology in ongoing programs throughout the Medical Center. The project and mentor are chosen with the advice of the most senior members of the Division during the first year, and the entire second year is devoted to acquiring the necessary technology and pursuing the project. Fellows are expected to present his or her investigation results at a national meeting and prepare a manuscript for publication. Areas of focus include Immunology/Inflammation; Lung Biology; Asthma; Food Allergy, Immunodeficiency; Transplantation; Hypersensitivity Pneumonitis; Eczema; Environmental Health Sciences; Autoimmunity; Urticaria.

Additional research experience is often needed both to qualify for faculty appointment and to bring interesting projects to fruition. When the quality of performance during the second year suggests special aptitude for development in this direction, we will offer further post-doctoral experience and resources while supervising the fellow’s application for independent support. The division has two fellows and accepts one fellow per year.

CARDIOLOGY
The Division of Pediatric Cardiology at New York-Presbyterian Hospital, in conjunction with the Division of Pediatric Cardiotoracic Surgery, provides state-of-the-art care of the infant, child, adolescent and young adult with congenital heart disease.

The Division includes 42 pediatric cardiologists, 22 of whom are full-time physicians at Columbia University Medical Center and Morgan Stanley Children’s Hospital. In addition to the practice of general pediatric cardiology, members of the faculty have expertise in the subspecialty areas of:

- Echocardiography (fetal, transthoracic, transesophageal and intracardiac)
- Cardiac MRI imaging
- Exercise physiology
- Arrhythmia/electrophysiology
- Pulmonary hypertension
- Heart failure and heart transplantation
- Preventive cardiology
- Cardiac critical care
- Adult congenital/structural heart disease
- Interventional cardiology

Pediatric Cardiology fellows are an integral part of all the services provided by the division. The goal of the fellowship program in the Division of Pediatric Cardiology is the training of pediatric cardiologists who are academically oriented. The three year program fulfills the requirements for sub-board certification under the American Board of Pediatric guidelines and currently has 15 fellows in the program and can accept up to 5 fellows per year.

CLINICAL MEDICAL GENETICS
The Department of Pediatrics sponsors an accredited residency in Clinical Medical Genetics, and encourages students who are planning to do a pediatric residency to consider Genetics as a subspecialty. This may be done in several ways; first, as a 2-year residency at the conclusion of the full 3-year pediatric residency, thereby being board-eligible in both Pediatrics and Medical Genetics and second as a 2-year residency at the conclusion of 2 years of the pediatric residency, thereby being board-eligible in Medical Genetics.

The Department of Pediatrics is enthusiastic about recruiting research-oriented residents and fellows who are interested in genetics. The Medical Genetics training program consists of inpatient and outpatient care of prenatal, pediatric, and adult patients with a wide variety of genetic disorders including specialty clinics for dysmorphology, metabolic diseases, craniofacial disorders, autism spectrum disorders, hearing loss, skin diseases, cystic fibrosis, congenital cardiac disease, cardiomyopathies, inherited arrhythmias, vascular anomalies, breast/ovarian/colon cancer high risk families, movement disorders, muscular dystrophies, Huntington disease, and neurodegenerative disorders and pregnant women at risk for genetic disorders. Time is also spent in all of the genetic diagnostic laboratories including cytogenetics, biochemical genetics, and DNA molecular diagnostics.

Trainees are required to take graduate courses in genetics relevant to their ultimate career goals. The last six months of
the training program is dedicated to research in the lab of the trainee’s choice.

The division has 2 fellows and accepts one fellow per year.

CRITICAL CARE
Education and research are central themes of the Pediatric Critical Care fellowship. The program received its ACGME accreditation in 1999, and had its first graduating class in 2003. This is a 3-year fellowship for board certified pediatricians and the program offers trainees a diverse education in clinical, administrative, and research-based experience in Pediatric Critical Care Medicine.

Clinical experience occurs in a state-of-the art 34-bed ICU, which cares for all critically ill children. Specific training in the care of patients after bone marrow, heart, lung, renal, liver, small bowel, and multi-visceral transplantation; those with critical neurological illnesses; and those requiring the use of extracorporeal support for cardiac, respiratory, and renal failure are regular training experiences for fellows. Clinical training is supplemented by a robust program in medical simulation.

The program has a track record of training fellows in specialized programs such as the Physician Scientist Development Program, Masters of Public Health programs, and training in two pediatric subspecialties including cardiology, infectious disease, and neurology, as well as training fellows in general Pediatric Critical Care.

Additional topics in public health, statistics, biomedical research, and ethics are covered as a regular part of didactic lectures and clinical experiences.

The rich research environment of Columbia University Medical Center is available for mentored laboratory or clinical research. All fellows have individually tailored Scholarly Oversight Committees (SOC) mentors convened to advise them throughout their research training. Multiple relationships exist with top Columbia laboratories and leading clinical investigators for a rich experience in active investigation. Fellows with specific interest in cardiovascular research have access to a research position on an NIH-funded training grant.

The Program participates in the National Residency Matching Program and regularly recruits top applicants from the U.S. The division has 9 fellows in the program and can accept 4 fellows per year.

EMERGENCY MEDICINE
The Pediatric Emergency Medicine (PEM) Fellowship is a three-year program. The program offers fellows a broad exposure to the clinical, academic, and administrative aspects of PEM. The goals of the Pediatric Emergency Medicine Subspecialty Program are to produce clinicians who provide compassionate, state of the art emergency care for children, academicians who are skilled in critical appraisal of the literature and research techniques, teachers and role models to other health care personnel, the community, and local and national leaders in Pediatric Emergency Medicine. The majority of clinical time is spent in the Pediatric Emergency Department (PED). Fellows also complete specific rotations in pediatric anesthesia, pediatric critical care, trauma, adult emergency medicine, wound management, ultrasound, orthopedics, toxicology, Emergency Medical Services (EMS), and child advocacy.

Fellows participate in a multitude of academic conferences that include the following: weekly interactive tutorials that focus on the diagnosis and therapy of common illnesses and complaints; a monthly mentored research methods course that teaches the principles of research design, data management, and statistical hypothesis testing; as well as annual Evidenced Based Medicine and Teaching workshops. Fellows also participate in our weekly simulation program. Fellows pursue scholarly projects in the areas of clinical, educational, quality improvement or translational research under the supervision of faculty mentors. The division has six fellows and accepts two fellows per year.

ENDOCRINOLOGY
The Pediatric Endocrinology, Diabetes, and Metabolism Fellowship was ACGME accredited in 1998 and we are one of only 16 Pediatric Endocrine Training programs in the country that receive funding from the NIH for research training in Pediatric Endocrinology (T-32).

The goal of the training program is to provide the subspecialty fellow with the scientific and clinical background to diagnose and manage endocrine diseases and diabetes mellitus in childhood, adolescence, and young adulthood and to offer a training experience in research pediatric endocrine diseases. The program provides progressive clinical, technical and consultative experience that enables the Fellow to develop expertise as a consultant in pediatric endocrinology, diabetes and metabolism, and to begin his/her development as a principal investigator. In the first year, the program emphasizes the fundamentals of clinical diagnosis. Fellows’ patient care experiences include the evaluation and management of patients with general endocrine disorders (including growth disorders, childhood obesity, disordered puberty, bone and body composition, neuroendocrine tumors, and thyroid disorders) as well as disorders of carbohydrate metabolism, including diabetes mellitus and hypoglycemia both at Morgan Stanley Children’s Hospital as well as through our partnership with the Naomi Berrie Diabetes Center. Fellows have a continuing responsibility for the care of patients in our outpatient clinic throughout their training, providing a diversified and complex outpatient experience complementing their inpatient management experience. They are also active participants in following up with all referrals to our NY State Congenital Adrenal Hyperplasia and Newborn Thyroid Screening Program and they carry out diagnostic endocrine tests in our Endocrine Testing Service.

The first year of clinical training is followed by 2 years of protected bench/clinical research exposure wherein they carry out an independent research project, during which 20% continued clinical exposure is maintained during weekly rounds, weekly outpatient clinic and office visits, and evaluation of the clinical research patients who are enrolled in study protocols.

All Fellows meet at least twice a year with group of cross-disciplinary mentors to aid in the progress of their research projects. Fellows are expected to present their data at research meetings within Columbia as well as at local and national conferences and through publication in major
Our past and current research highlights include: Studies of alterations in androgen metabolism, growth factors and insulin sensitivity in children at risk for Metabolic Syndrome and Type 2 diabetes, initiation of new treatments for growth failure and disordered puberty, studies assessing the effect of exercise/bariatric surgery in morbidly obese adolescents and evaluation of vitamin D levels, body composition in children, including assessment of fat content of muscle cells as it relates to insulin resistance, the role of environmental disruptors in altered puberty and obesity and metabolic abnormalities in adolescents and young adults with PCOS.

Throughout the three years of their fellowship, trainees also gain a rich educational experience through participation in a weekly pre-clinical conference chart review, research in progress and journal club seminars given quarterly by each fellow, and weekly core lecture series given by senior attendings in the division.

The majority of our graduates have gone on to practice Pediatric Endocrinology and Diabetes in academic settings at major institutions.

We recruit 2 fellows per year with a total number of five fellows in the program.

**GASTROENTEROLOGY, HEPATOLOGY & NUTRITION**

The fellowship program in Pediatric Gastroenterology, Hepatology and Nutrition is a 3-year, ACGME-accredited program committed to training the next generation of academic pediatric gastroenterologists. The program provides a broad clinical experience in outpatient and inpatient medicine, excellent procedural training, in-depth didactics as well as outstanding environments for research.

Fellows consult on a broad range of clinical gastroenterological problems including inflammatory bowel disease, cystic fibrosis, celiac disease, liver disorders, pancreatic disorders, intestinal rehabilitation and nutritional disorders. Trainees benefit from the diverse clinical population seen at a major referral center, with consultations ranging from outpatient referrals to the quaternary level inpatient/intensive care. Numerous clinical and research conferences provide fellows with strong didactics that are necessary for up-to-date clinical care and research training.

In addition to gaining proficiency in outpatient and inpatient pediatric gastroenterology, extensive procedural training is also offered in upper endoscopy, colonoscopy, polypectomy, biopsy techniques of the intestine, cautery and injection of bleeding sites, sclerotherapy, band ligation, percutaneous gastrostomy tube placement, liver biopsy, intestinal stricture dilatations, foreign body retrieval, capsule endoscopy, esophageal impedance, and functional manometry.

Research is an emphasized component of the training experience, and Columbia University offers a wealth of research opportunities. Fellows are expected to participate in basic, clinical or translational investigative projects and to produce high quality research during their research years under the close supervision of an established faculty mentor. Regular committee meetings are organized to monitor and aid in the progress of fellow research endeavors.

We currently have two fellows supported by Pediatric Scientist Development Awards from the American Medical School Pediatric Department Chairmen, with funding from NICHD, and another fellow who is supported by a training grant in bioinformatics with funding from the National Library of Medicine. There are a total of six fellows in the program and can accept two fellows per year.

**TRANSPLANT HEPATOLOGY**

The fellowship program in Transplant Hepatology is a 1-year, ACGME-accredited program committed to training of board eligible pediatric gastroenterologists as advanced hepatology fellows in all facets of liver disease and transplantation. The program provides a broad clinical experience in outpatient and inpatient liver disorders, advanced procedural training in portal hypertensive management and pre, peri and post liver transplant management. Fellows consult on a broad range of liver diseases including infectious hepatitis; drug induced liver injury, portal hypertension, acute liver failure, metabolic liver disease, autoimmune liver disease, liver tumors, vascular anomalies of the liver and chronic liver failure management. Trainees benefit from the diverse clinical population seen at a major referral center, with consultations ranging from outpatient referrals to the quaternary level inpatient/intensive care. Numerous clinical and research conferences provide fellows with strong didactics that are necessary for up-to-date clinical care and research training. At the completion of the advanced training year, trainees will be eligible to sit for the ABIM Certificate of Added Qualification (CAQ) in transplant hepatology.

Fellows work closely with our transplant team that includes 4 board certified pediatric transplant hepatologists, 4 outpatient NP’s, an outpatient PA, an inpatient PA, 4 pediatric transplant surgeons, a transplant PharmD, 2 social workers and a dedicated nutritionist.

The combined medical/surgical service work together on all aspects of patient care including pre-op planning, intraoperative decision-making and post-operative management. There are extensive opportunities for training of junior fellows and house staff on the regular wards and the intensive care setting. The skills to be acquired include clinical assessment, treatment plan formulation, team organization, regulatory compliance, quality assurance, immunosuppressive management, advanced nutritional support, and procedural expertise. Fellows benefit from training and interaction with excellent pediatric radiologists, pathologists and interventionists.

The overall goal of the research component of the fellowship is to acquire expertise in research methodology, to formulate a research project, and to establish a basis for future research (clinical, translational, or basic). Fellows are expected to participate in research projects currently active at our center including gathering of data, data analysis, manuscript preparation and project presentation. The division accepts one fellow per year.

**HEMATOLOGY/ONCOLOGY/STEM CELL TRANSPLANT**

The overall objectives of the ACGME-accredited fellowship program are to ensure that the trainees will be competent in
all aspects of Pediatric Hematology/Oncology/Stem Cell transplant (SCT) as well as acquire the academic skills to continue in a tertiary Pediatric Hematology/Oncology/SCT environment. The trainee is expected to develop a thorough understanding of the pathophysiology of disorders related to Pediatric Hematology/Oncology/SCT and develop skills in the diagnosis, treatment, and management of these disorders. During their training, they additionally should become competent in developing skills related to the selection and evaluation of diagnostic procedures to carry out thorough evaluations of Pediatric Hematology/Oncology/SCT disorders.

The training program is designed to encourage trainees to develop an interest in clinical and basic research during the first year of training. The first year is devoted to clinical inpatient responsibilities: approximately 40% hematology, 40% oncology and 20% SCT. Fellows are assigned to a full day outpatient continuity clinic to follow his/her primary patients. In addition, during the first year, fellows participate in required electives including hematology, blood bank and neurooncology as well as a rotation in hematology at Weill Cornell. The second and third years are devoted to research, either laboratory based or clinical research. Fellows are encouraged to present his/her research project at a national or international peer-review meeting during their three years of training. Currently, there are 8 fellows in the program and accepts 3 fellows per year.

INFECTIOUS DISEASE
The Pediatric Infectious Diseases Fellowship has been funded by the National Institutes of Health Training Grant (T-32) since 1998. This three year program recruits applicants interested in academic careers in Pediatric Infectious Diseases. This interdisciplinary program involves investigators-mentors in the Department of Pediatrics, as well as Departments of microbiology, Anatomy and Cell Biology, Physiology, Immunology, Molecular Biophysics, and the Schools of Nursing and the Mailman School of Public Health. During the Pediatric Infectious Diseases Fellowship, fellows obtain skills in clinical infectious diseases, research, mentoring and teaching. The program also includes training in antimicrobial stewardship, immunology, epidemiology, clinical pharmacology, and infection control and prevention.

Graduates of our fellowship have gone on to careers in academia, clinical care, and industry at highly respected pediatric centers in the country. The division has three fellows and can accept one fellow per year.

NEONATAL-PERINATAL
The Neonatal-Perinatal fellowship is a three-year program designed to prepare pediatricians for careers in clinical and academic neonatal medicine and research. The program is intensive and extensive. It consists of clinical experiences, opportunity for research and formalized instruction including weekly research conferences, perinatal physiology conferences, clinical case conferences, monthly M&M conferences and perinatology conferences with faculty from the Division of Maternal-Fetal Medicine.

Fellows are expected to participate actively, very early in their training, in research programs and are encouraged to develop individual research projects of their own design. For individuals interested in continuing their research beyond three years, there is an opportunity to remain at New York-Presbyterian Morgan Stanley Children’s Hospital for one or two additional years as junior faculty. Currently, there are 13 fellows in the division and up to 5 fellows are accepted into the program each year.

NEPHROLOGY
The goal of the fellowship program is to train pediatric nephrologists to achieve high competence in patient care, renal research, and education.

The program offers a rich educational environment and resources to ensure successful completion of training. Both hands-on learning and didactic teaching is emphasized. A rigorous curriculum is constructed for the fellow to learn, to diagnose, and to treat children with a wide spectrum of acute and chronic kidney diseases. Fellows are fully engaged in inpatient and outpatient services, consultations, dialysis, and renal transplantation. In addition, rotations through the Pediatric Urology, Pediatric Radiology, Pathology, and the Center for Glomerular Diseases in the Department of Internal Medicine at Columbia University are integrated into the curriculum. This unique opportunity allows fellows to work with world-renowned nephrologists with expertise in glomerular diseases, and greatly impacts their training.

Fellows have access to many outstanding basic and clinical researchers on the Columbia campus for guidance in choosing areas of research interest. Protected research time is provided with the ultimate goal of transitioning fruitful results into future independent research. Some of the specific areas of laboratory and clinical researches include acute kidney injury; kidney and genitourinary tract development; glomerular diseases; transplant immunology; Genetics; and studies in renal biomarkers and new treatments for acute and chronic kidney disease. Didactic lectures on subjects such as learning how to prepare manuscripts and how to write grant applications are provided.

The new Pediatric Nephrology Fellowship Program at Columbia University not only incorporates current training standards, but provides state-of-the-art patient care and research to enrich our fellows’ training experience. The division accepts one fellow in this program.

PULMONARY
The Pediatric Pulmonology Fellowship is a three-year program available to candidates who have completed a pediatric residency at an accredited program. In general, 14 months are spent acquiring clinical skills and the remaining 19 months are spent pursuing academic research. Fellows see outpatients in weekly clinics throughout the training period. During the inpatient months, fellows provide care to children admitted to the pulmonary service, as well as provide consultation to other services for children with respiratory complications. It is also during the inpatient months that fellows learn to perform flexible bronchoscopy. Research activity results in a presentation at a national or international medical meeting.

The major focus of the training program is to provide fellows with a strong balance of clinical training and research experience. The strong outpatient and inpatient
services provide the fellow with experience in diverse areas of pediatric pulmonary medicine. The medical center provides myriad scientists, clinical and basic, able and willing to serve as research mentors. Fellows will also gain a broad clinical experience during the training years. There are 3 fellows in the program and can accept one fellow per year.

**PRIMARY CARE CLINICIAN RESEARCH FELLOWSHIP**

The Primary Care Clinician Research Fellowship in Community Health is a collaborative effort of the Divisions of Child and Adolescent Health and Medicine and the Center for Family and Community Medicine, the Mailman School of Public Health, and New York-Presbyterian Hospital. This fellowship provides a strong academic and clinical foundation for primary care physicians who will dedicate their careers to caring for poor minority children, adolescents and adults, while also leading the campaign to reduce health disparities.

This fellowship focuses on health disparities and community health research and entails the following:

1. Advanced training in research skills including completion of research projects and a publishable manuscript(s) in urban community health;

2. Pursuit of a Masters of Science at the Columbia University Mailman School of Public Health;

3. Core didactic curriculum in fellows’ meetings consisting of research skills and academic development;


This fellowship accepts one fellow once every two years.

**RHEUMATOLOGY**

The program in Pediatric Rheumatology is an intensive three-year program that prepares fellows to take a leadership role in academic pediatric rheumatology.

The first part of the fellowship is primarily clinical and involves a clinical project that results in an abstract and publication of a manuscript. Clinical mentors and research topics are identified in the first 6 months of training. Fellows are expected to be authors in a published paper during their fellowship. The division has a large and diverse patient population. Fellows are expected to participate in variety didactic and patient management conferences.

The second part of the program focuses on translational and basic science projects. Basic science mentors are identified and the fellow has 18 to 24 months of protected research time. They continue with two continuity clinics and spend a second session on core education activities. The program has 2 fellows in the division.
DEPARTMENT DEMOGRAPHICS
Class of 2014

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Region

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Class of 2015

DIVISION # OF FELLOWS
ADOLESCENT MEDICINE 2
CARDIOLOGY 5
CRITICAL CARE 2
EMERGENCY MEDICINE 2
ENDOCRINOLOGY 2
GASTROENTEROLOGY 2
GENETICS 1
HEMATOLOGY-ONCOLOGY 4
HEPATOLOGY 2
INFECTION DISEASE 1
NEONATAL-PERINATAL 4
PULMONARY 1
RHEUMATOLOGY 2
TOTAL 30

REGION

NEW YORK
BROOKLYN 2
LONG ISLAND 2
MANHATTAN 15
ROCHESTER 1
VALHALLA 1

NORTHEAST
MASSACHUSETTS 1
PENNSYLVANIA 2
WASHINGTON, DC 1

MIDWEST
MISSOURI 1

SOUTH
MARYLAND 1
### Region

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### Division

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### Incoming Class of 2017

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### Region

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PRESENTATIONS, PUBLICATIONS
&
AWARDS
NATIONAL PRESENTATIONS

ADOLESCENT MEDICINE

Randi Teplow-Phipps, MD, PGY-6
46th Annual Society for Adolescent Health and Medicine Annual Meeting, Austin, TX, March 23-26, 2014
Abstract: Factors Associated With Early Uptake and Series Completion of HPV Vaccination in Male and Female Adolescents
Session Title: Sexual Health & Vaccines
Authors: Teplow-Phipps, R, Papadouka, V, Benkel, D, Rosenthal, S, Soren, K, Stockwell, M.

Julia Potter, MD, PGY-5
46th Annual Society for Adolescent Health and Medicine Annual Meeting, Austin, TX, March 23-26, 2014
Authors: Potter, J, Catallozzi, M, Frost, D, Soren, K, Santelli, J.

ALLERGY & IMMUNOLOGY

Collette Spalding, MD, PGY-5
American College of Allergy, Asthma and Immunology (AAAAI) Annual Meeting, San Diego, CA, February 28-March 4, 2014
Abstract: Frequency of Cellular and Humoral Immunodeficiencies in DiGeorge Syndrome Patients Seen at NewYork-Presbyterian/Columbia between 2006-2012
Authors: Spalding, C, Jung, KH, Miller, RL, Demirdag, Y.

American College of Allergy, Asthma and Immunology (AAAAI) Annual Meeting, Baltimore, MD, November 7-11, 2013
Abstract: A Case of Intraoperative Anaphylaxis to Gelatin in Topical Hemostatic Agent Administered During Spinal Surgery
Authors: Agarwal, NS, Spalding, C, Nassef, M.

Niti Agarwal, MD, PGY-4
American College of Allergy, Asthma and Immunology (AAAAI) Annual Meeting, San Diego, CA, February 28-March 4, 2014
Abstract: Studies on Cohort of Infants with DiGeorge Syndrome by New York State Newborn Screening for SCID
Authors: Doerthe, AA, Sporter, R, Agarwal, NS, Demirdag, YY, Vogel, B, DiAntonio, L, Young, A, Parker, A, Celestin, J, Albin, S, Mehta, H, Bonagura, VR, Cunningham-Rundles, C.

American College of Allergy, Asthma and Immunology (AAAAI) Annual Meeting, Baltimore, MD, November 7-11, 2013
Abstract: A Case of Intraoperative Anaphylaxis to Gelatin in Topical Hemostatic Agent Administered During Spinal Surgery
Authors: Agarwal, NS, Spalding, C, Nassef, M.

CARDIOLOGY

Justin Weigand, MD, PGY-6
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014
Session Title: Cardiology
Abstract: Prevalence of Aortic Arch Branching Anomalies in Patients with Coarctation of the Aorta
Authors: Weigand, J, Amee, S, Lai, W.
CRITICAL CARE

**Eva Cheung, MD, PGY-6**
7th International Symposium on Neonatal and Pediatric Pulmonary Vascular Disease, San Francisco, CA, March 27-29, 2014
Abstract: **Management of Pulmonary Hypertension in an Infant with Pulmonary Venous Obstruction**
Authors: Cheung, E, Krishnan, US, Torres, AJ, Smerling, A, Baird, S.

Society of Critical Care Medicine (SCCM) 43rd Annual Congress, San Francisco, CA, January 9-14, 2014
Abstract: **Influence of Coronary Artery Anatomy on Outcome in Patients with Pulmonary Atresia Intact Ventricular Septum Undergoing Single Ventricle Palliation**
Authors: Cheung, E, Richmond, ME, Turner, ME, Torres, AJ.

**Sue Hong, MD, PGY-6**
Abstract: **ApoE4 Impairs Injury-Induced Neurogenesis**
Authors: Hong, S, Kernie, S.

**Steven Horwitz, MD, PGY-6**
Society of Critical Care Medicine (SCCM) 43rd Annual Congress, San Francisco, CA, January 9-14, 2014
Abstract: **Preferential Response of Patients to Biventricular Pacing Following Cardiopulmonary Bypass**
Authors: Horwitz, S, Cabreraiza, SE, Cheng, B, Wang, D, Aponte-Patel, L, Quinn, TA, Smith, C, Spotnitz, HM.

**Tanya Sachdeva, MD, PGY-6**
American Society of Bioethics and Humanities 15th Annual Meeting, Atlanta, GA, October 24-27, 2013
Abstract: **Clinical Research in Brain Dead Subjects**
Authors: Sachdeva, T, Hardart, GE, Morris, MC.

EMERGENCY MEDICINE

**Yaffa Vitberg, MD, PGY-6**
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014
Session Title: Emergency Medicine
Abstract #1: **Sonographic Assessment of Spinal Fluid for Infant Lumbar Puncture**
Authors: Vitberg, Y, Tseng, P, Kessler, D.

Abstract #2: **Comparing Novice to Experienced Providers' Approach to Infant Lumbar Puncture**
Authors: Vitberg, Y, Tseng, P, Kessler, D.
Presenter: David Kessler, MD, MSc, RDMS

Abstract #3: **Gastrointestinal Diseases in the NICU and Beyond!**
Session Title: Chronic Cholestatic in the Neonate: Wealth of Causes and Advances in Therapy!
Authors: Vitberg, Y, Tseng, P, Kessler, D.
Presenter: Nadia Ovchinsky, MD, MBA

The 11th Annual Regional Ultrasound Symposium, New York, NY, April 9, 2014
Abstract: **Sonographic Assessment of Spinal Fluid for Infant Lumbar Puncture**
Authors: Vitberg, Y, Tseng, P, Kessler, D.

American Institute Ultrasound in Medicine (AIUM) Annual Convention, Las Vegas, NV, March 29-April 2, 2014
Session Title: Scientific Sessions
Abstract: **Sonographic Assessment of Spinal Fluid for Infant Lumbar Puncture**
Authors: Vitberg, Y, Tseng, P, Kessler, D.

Abstract: **Sonographic Assessment of Spinal Fluid for Infant Lumbar Puncture**
Authors: Vitberg, Y, Tseng, P, Kessler, D.
**ENDOCRINOLOGY**

**Vivian Chin, MD, PGY-6**
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014
Session Title: Obesity & Disordered Eating II
Abstract: Early Results: Efficacy of Laparoscopic Adjustable Gastric Bands Compared to Vertical Sleeve Gastrectomy in Adolescents
Presenter: Stephanie Woodward (Medical Student)

**David Sparling, MD, PhD, PGY-6**
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014
Session Title: Obesity & Disordered Eating II
Abstract: The Role of Notch in Adipose Function
Authors: Sparling, David, Pajvani, U, Accili, D.

**Kristen Williams, MD, PGY-5**
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014
Abstract: Cortisol Levels in Children with Diabetic Ketoacidosis Associated with New Onset Type 1 Diabetes Mellitus
Authors: Williams, KM, Fazzio, P, Oberfield, SE, Gallagher, MP, Aranoff, G.

**GASTROENTEROLOGY, HEPATOLOGY & NUTRITION**

**Anne Pierog, MD, PGY-6**
North American Society for Pediatric Gastroenterology, Hepatology & Nutrition (NASPGHAN) 3rd Year Fellows Conference, Scottsdale, AZ, February 6-9, 2014
Abstract: Growth and Feeding Outcomes in Survivors of Congenital Diaphragmatic Hernia

NASPGHAN Annual Meeting and Postgraduate Course, Chicago, IL, October 10-12, 2013
Abstract #1: Growth and Feeding Outcomes in Survivors of Congenital Diaphragmatic Hernia

Abstract #2: Portal Vein Thrombosis in Association with Celiac Disease and Crohn’s Disease: Two Pediatric Case Presentations
Authors: Pierog, AA, Lusman, SS, Kazlow, P, Ovchinsky, N.

**HEMATOLOGY-ONCOLOGY**

**Kerice Pinkney, MD, PGY-6**
American Society of Pediatric Hematology Oncology 27th Annual Meeting, Chicago, IL, May 14-17, 2014
Abstract #1: Children with Gut Acute Graft Versus Host Disease (aGVHD) Following Allogeneic Stem Cell Transplant (AlloHCT) Have an Increased Incidence of Enteric Bacteria Blood Stream Infections (EB-BSI)
Authors: Pinkney, K, Levinson, A, Zhezhen, J, Bhatia, M, Kung, A, Foca, M, Garvin, J, Satwani, P.

Abstract #2: The Role of ATM and Bcl11b in Lymphoid Malignancies

Abstract #3: First Interim Analysis of the ASPHO Mentoring Program
Presenter: Sherif M. Badawy, MD

BMT Tandem Meetings, Dallas, TX, February 26-March 2, 2014
Poster Session 2: GVH/GVL
Authors: Pinkney, K, Levinson, A, Zhezhen, J, Bhatia, M, Kung, A, Foca, M, Garvin, J, Satwani, P.
Presenter: Anya Levinson, MD
**Evelyn Rustia, MD, PGY-5**  
BMT Tandem Meetings, Dallas, TX, February 26-March 2, 2014  
Abstract: Incidence of and Risk Factors for Cytomegalovirus (CMV), Epstein Barr Virus (EBV) and Adenovirus (ADV) Reactivation in Pediatric Recipients Post Allogeneic Hematopoietic Stem Cell Transplantation (AlloHCT)  
Authors: Rustia, E, Violago, L, Zhenzhen, J, Bhatia, M, Kung, A, Foca, M, George, D, Garvin, J, Satwani, P.

**INFECTIOUS DISEASE**

**Sruti Nadimpalli, MD, MPH, PGY-6**  
Pediatric Infectious Diseases Society, Memphis, TN, 2014  
Abstract: Identification of Infectious Agents in Pediatric Bronchoalveolar Lavage Specimens Using New Diagnostic Methods  
Authors: Nadimpalli, S, Foca, M, Saiman, L.

**Philip Zachariah, MD, PGY-5**  
AcademyHealth Annual Research Meeting (ARM), San Diego, CA, June 8-10, 2014  
Abstract: Legislative Mandates for Central-Line Associated Blood Stream Infection Reporting and Process and Outcome Measures in Neonatal Intensive Care Units  

**Sruti Nadimpalli, MD, MPH, PGY-6**  
Pediatric Infectious Diseases Society, Memphis, TN, 2014  
Abstract: Identification of Infectious Agents in Pediatric Bronchoalveolar Lavage Specimens Using New Diagnostic Methods  
Authors: Nadimpalli, S, Foca, M, Saiman, L.

**Purnahamsi Desai, MD, PGY-6**  
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014  
Abstract #1: Factors Leading To Group B Streptococcus Colonization in the Genital Tract of Non-Pregnant Women  
Session Title: Infectious Disease  
Authors: Desai, P, Randis, T, Sapra, KJ, Gelber, SE, Ratner, AJ.

Abstract #2: Detection of Vaginolysin as New Diagnostic Tool for Bacterial Vaginosis  
Session Title: Infectious Disease  
Authors: Desai, P, Randis, T, Sapra, KJ, Sapra, E, Shutak, C, Gelber, SE, Ratner, AJ.

Abstract: Detection of Vaginolysin as New Diagnostic Tool for Bacterial Vaginosis  
Authors: Desai, P, Randis, T, Sapra, KJ, Sapra, E, Shutak, C, Gelber, SE, Ratner, AJ.

**Karen Gluck, MD, PGY-6**  
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014  
Abstract: Oxytocin Plays an Anti-Inflammatory Role in a Murine Model of Necrotizing Enterocolitis  
Session Title: Role of Inflammation in NEC  
Authors: Gluck, K, Gershon, M, Gross Margolis, K.

Abstract: The Role of Oxytocin in a Murine Model of Necrotizing Enterocolitis  
Authors: Gluck, K, Gershon, M, Gross Margolis, K.

**Courtney Juliano, MD, PGY-6**  
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014  
Abstract: White Matter Injury Induced by Intermittent Hypoxic Stress is Associated with Mitochondrial Dysfunction in Neonatal Mice  
Authors: Juliano, C, Sosunov, S, Utkina-Sosunova, I, Niatsetskaya, Z, Ten, V, Ratner, V.
Abstract: Intermittent Hypoxic Stress during a Critical Period for Myelination Results in a White Matter Injury Phenotype in Neonatal Mice
Authors: Juliano, C, Sosunov, S, Utkina-Sosunova, I, Niatetskaya, Z, Ten, V, Ratner, V.

Alexandra Smith, MD, PGY-6
Abstract: The Role of PI3K Signaling in T-Cell Development
Authors: Smith, A, Efimenko, E, Nish, S, Reiner, S, Lannutti, B, Diacovo, T.

American Academy of Pediatrics 82nd Perinatal & Development Medicine Symposium, Aspen, CO, June 6-9, 2013
Abstract: The Role of PI3K Signaling in T-Cell Development
Authors: Smith, A, Efimenko, E, Nish, S, Reiner, S, Lannutti, B, Diacovo, T.

Jacqueline Baker, MD, PGY-5
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014
Session Title: Neonatal Host Defense
Abstract: Late Passive Immunization against Group B Streptococcus Promotes Clearance from the Female Genital Tract
Authors: Baker, J, Randis, T, Lewis, E, Byland, L, Ratner, AJ.

Abstract: Late Passive Immunization against Group B Streptococcus Promotes Clearance from the Female Genital Tract
Authors: Baker, J, Randis, T, Lewis, E, Byland, L, Ratner, AJ.

Thomas Hooven, MD, PGY-5
American Academy of Pediatrics 82nd Perinatal & Development Medicine Symposium, Aspen, CO, June 6-9, 2013
Abstract: A Genomic Approach to Uncovering Group B Streptococcal Virulence Factors in a Mouse Model of Ascending Chorioamnionitis
Authors: Hooven, TA, Randis, TM, Ratner, AJ.

Kimberly Parsons, MD, PGY-5
Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, Canada, May 3-6, 2014
Abstract: Late Preterm Infants in the NICU Differ Significantly from Full Term Infants in EEG Power in the Frontal Regions at Birth
Authors: Parsons, K, Burtchen, N, Myers, M, Sahni, R, Weindler, M, Grieve, P, Fifer, W.

PULMONARY

Gina Coscia, MD, PGY-6
27th Annual North American Cystic Fibrosis Conference, Salt Lake City, UT, October 17-19, 2014
Workshop #14: Inf/Mic: Microbiome, Novel & Emerging Pathogens
Abstract: The Impact of Viral Infections on the Respiratory Microbiome in Pediatric Patients with Cystic Fibrosis
Authors: Coscia, G, Harasym, M, Smith, H, Planet, P.

Amy Brown, MD, PGY-5
Abstract: Attenuation of Mouse Airway Smooth Muscle Contraction by the Flavonol Compound, Galangin
Authors: Brown, A, Zhang, Y, Townsend, E, Emala, CW.

RHEUMATOLOGY

Joyce Hui-Yuen, MD, PGY-5
American College of Rheumatology – Rheumatology Research Workshop, Seattle, WA, June 6-7, 2014
Abstract: Favorable Response to Belimumab in Childhood-Onset Systemic Lupus Erythematosus
Abstract #1: A57: Four Prolonged Cases of Eosinophilic Fasciitis in Children
Authors: Hui-Yuen, JS, Lauren, C, Garzon, M, Starr, A, Imundo, LF.

Abstract #2: A23: Favorable Response to Belimumab in Childhood-Onset Systemic Lupus Erythematosus

Liza Bermudez-Santiago, MD, PGY-5
American College of Rheumatology – Rheumatology Research Workshop, Seattle, WA, June 6-7, 2014
Pediatric Rheumatology Research Workshop, Seattle, WA, June 5-6, 2014
Abstract: Favorable Response to Belimumab in Childhood-Onset Systemic Lupus Erythematosus
**PUBLICATIONS**

**ADOLESCENT MEDICINE**

Randi Teplow-Phipps, MD, PGY-6

Julia Potter, MD, PGY-5


**ALLERGY & IMMUNOLOGY**

Collette Spalding, MD, PGY-5


Niti Agarwal, MD, PGY-4


**CARDIOLOGY**

Howard Heching, MD, PGY-6
Betul Yilmaz, MD, PGY-6

Kristal Woldu, MD, PGY-4

CRITICAL CARE

Eva Cheung, MD, PGY-6

Tanya Sachdeva, MD, PGY-6
Enrolling Brain Dead Humans in Medical Research: Stakeholder Opinions, Morris, MC, Sachdeva, T, Hardart, GE. (Submitted manuscript)


Sue Hong, MD, PGY-6
Role of Neural Stem and Progenitor Cells in the Adaptation of the Brain to Injury, Hong, S, Yu, TS, Kernie, SG. Endogenous Stem Cell-Based Brain Remodeling in Mammals. 2014 Ed. VIII, pp. 57-86. New York, NY, Humana Press.


Rebecca Turcotte, MD, PhD, PGY-4

EMERGENCY MEDICINE

Yaffa Vitberg, MD, PGY-6

ENDOCRINOLOGY

Vivian Chin, MD, PGY-6


Kristen Williams, MD, PGY-5


Anne Pierog, MD, PGY-6


Sarah Taylor, MD, PGY-6

Joseph Picoraro, MD, PGY-4

Kerice Pinkney, MD, PGY-6


Evelyn Rustia, MD, PGY-5

Sruti Nadimpalli, MD, MPH, PGY-6

Philip Zachariah, MD, PGY-5


### NEONATAL-PERINATAL

**Purnahamsi Desai, MD, PGY-6**  

**Thomas Hooven, MD, PGY-5**  


### PULMONARY

**Gina Coscia, MD, PGY-6**  

### RHEUMATOLOGY

**Joyce Hui-Yuen, MD, PGY-5**  


Alumni Association Awards

Rustin McIntosh Fellowship Award

Eva Cheung, MD, PGY-6, Critical Care

Dr. Rustin McIntosh was Chairman of the Department of Pediatrics and Director of the Pediatric Service from 1933-1960. During his tenure, Dr. McIntosh fostered a “spirit of doubt and need for inquiry” that led to breakthroughs in the treatments of many childhood diseases. The Rustin McIntosh Fellowship honors a pediatric postgraduate fellow who best exemplifies these attributes.

Milton Singer Memorial Fellowship Award

Tamara Kalhan, MD, PGY-5, Neonatal-Perinatal

The Milton Singer Memorial Fellowship is presented to talented physicians who have completed their residency in pediatrics and who are planning a career in research in children’s illnesses that held a special interest to Dr. Singer, particularly cerebral palsy and prematurity.

Metropolitan Fund Fellowship Award

Kerice Pinkney, MD, PGY-6, Hematology-Oncology

The Metropolitan Fund Fellowship was established in the Division of Hematology/Oncology in 1986 in memory of former fellow Susan Furberg who died during her fellowship year. This award is presented annually to a fellow demonstrating excellence in the field of hematology, oncology and stem cell transplantation.

Housestaff Awards

Fellow of the Year Award

Ronald Zviti, MD, PGY-4, Nephrology

Each year at the annual Pediatric Resident Housestaff End-of-Academic Year Dinner, the pediatric residents present teaching awards to the housestaff, faculty, fellows and nursing staff to show their appreciation.
PHYSICIAN OF THE YEAR AWARDS

2013 Physician of the Year Award

Alexandra M. Smith, MD, PGY-6, Neonatal-Perinatal

The Physician of the Year Award is the Nursing Department’s annual celebration of collegiality, collaboration and the physicians’ contributions to nursing practice across the various campuses. The award recognizes physicians, fellows, housestaff and medical students who show competence and caring in the clinical setting and work together with the nurses to attain the highest standards of quality patient care.

EMPLOYEE OF THE MONTH

January 2014

Sruti Nadimpalli, MD, MPH, PGY-6, Infectious Disease

Each month at the Key Personnel meeting, leadership recognizes one employee from each campus who exemplifies our motto of “We Put Patients First,” as well as the NYP Values: Respect, Teamwork, Excellence, Empathy, Innovation and Responsibility. Employee of the Month recipients are invited to attend the Key Personnel meeting to be recognized and have their photograph taken with senior leaders.

In addition, the Employee of the Month Award winners are featured on the NYP Infonet and their names are inscribed on a plaque displayed on the wall of the Hospital to honor their achievement.

COLUMBIA SCIENCE RESEARCH INSTITUTE (CRSI)

Columbia University Medical Center (CUMC) Irving Institute for Clinical & Translational Research

Kristen Williams, MD, PGY-5
Endocrinology

Philip Zachariah, MD, PGY-5
Infectious Disease

The Irving Institute’s educational resource administers the interdisciplinary master’s, predoctoral and career development programs. TRANSFORM offers an array of integrated educational programs including a multidisciplinary, patient-oriented research master’s degree for fellows and junior faculty. The Columbia Summer Research Institute (CRSI) provides a short-term training opportunity for fellows to learn fundamental skills in research design and statistical analysis for patient oriented research. Within the five week program, postdoctoral fellows and junior faculty from clinical and translational disciplines earn academic course credit while experiencing the quality and rigor that characterize graduate training at Columbia University.
16th Annual Fellows Poster Day Presentation Abstract Winners

Oberfield Prizes for Basic Science, Clinical and Translational Research

Basic Science

Sue Hong, MD, PGY-6
Critical Care
Title: ApoE4 Influences Injury-Induced Neurogenesis

Clinical

Julia Potter, MD, PGY-5
Adolescent Medicine
Title: Parent-Adolescent Sexual Health Communication: Is Parent Knowledge of Adolescent Sexual Behavior a Marker of Communication Quality?

Translational

Evelyn Rustia, MD, PGY-5
Hematology-Oncology
Title: Incidence of and Risk Factors for Cytomegalovirus (CMV), Epstein Barr Virus (EBV) and Adenovirus (ADV) Reactivation in Pediatric Recipients Post Allogeneic Hematopoietic Stem Cell Transplantation (AlloHCT)

Honorable Mention

Connie Keung, MD, PGY-5
Pediatric Surgery
Title: Propranolol as a Novel Therapy for Lymphatic Malformations
23rd Annual Surgical Resident Research Competition – Best Clinical Investigation

Steven Horwitz, MD, PGY-6, Critical Care

In support of resident research, the Department of Surgery has a yearly Resident Research Competition where individual residents at CUMC are awarded prize money for excellence in academic research.

At this year’s Surgical Research Competition, Dr. Horwitz won first prize for the Best Clinical Investigation for his abstract entitled, “Benefits of Temporary Multisite Pacing after Single Ventricle Palliation”.

Columbia University Mailman School of Public Health – 2014 Student Commencement Speaker

Noé Romo, MD, MS, PGY-6, Primary Care Research (Community Health)

Student speaker Noé Romo, MD, MS’14 delivered his commencement speech on behalf of his graduating class. Dr. Romo earned a Master of Science in Epidemiology from the Mailman School of Public Health while completing his fellowship at CUMC.
**NATIONAL AWARDS**

**ALLERGY & IMMUNOLOGY**

American College of Allergy, Asthma & Immunology – Fellows-In-Training (FIT) Travel Grant

Collette Spalding, MD, PGY-5 & Niti Agarwal, MD, PGY-4

- The American Academy College of Allergy, Asthma & Immunology (AAAAI) offers fellows travel grants to attend their annual meetings.

American College of Allergy, Asthma & Immunology – FIT Regional Representative

Niti Agarwal, MD, PGY-4

- The American Academy College of Allergy, Asthma & Immunology (AAAAI) offers fellows-in-training an opportunity to become a member and enjoy a host of benefits that include: participation on peer forums, access to online educational resources (COLA presentations, board review topics), volunteer and committees opportunities to get involved with.

**CARDIOLOGY**

Colin’s Kids Foundation - Andrew King Research Award

Dina Ferdman, MD, PGY-5

- Dr. Ferdman received $5,000 Andrew King Research Award from Colin’s Kids Foundation dedicated to clinical research in pediatric cardiology. The Colin’s Kids mission is to provide critical funding to advance medical research related to the diagnosis, the life-improving treatment, cure and prevention of congenital heart defects; and to provide rapid response financial assistance to economically strained families struggling to obtain the best available care for their children.

The Pediatric Cardiology Society of Greater New York – Research Symposium 2014 Best Abstract Award

Betul Yilmaz, MD, PGY-6

- The Pediatric Cardiology Society of Greater New York is dedicated to providing educational fora for caregivers in the New York metropolitan region who tend to patients of all ages with congenital heart defects as well as to fetuses, infants and children with other forms of heart disease. At this year’s Research Symposium, Dr. Yilmaz won an award for the best abstract entitled, “Electrocardiographic Intervals in Fetuses with Congenital Heart Disease”. The Pediatric Cardiology Research Symposium provides a forum for viewing and discussion of research performed by the community of New York Pediatric Cardiologists.
American Thoracic Society (ATS) – Fellows Track Symposium

Tanya Sachdeva, MD, PGY-6

- The ATS launched the Fellows Track Symposium (FTS) at the ATS 2014 International Conference in San Diego. In May, the 2014 FTS programs will allow for 150 fellows in pulmonary, critical care and sleep programs to attend a two-day course covering topics in the field of respiratory medicine.

American Pediatric Society (APS)/Society for Pediatric Research (SPR) – Fellows’ Basic Research Awards

David Sparling, MD, PhD PGY-6

- The Society for Pediatric Research annually honors fellows engaged in pediatric basic research. Winning candidates are selected based on the quality of the work (basic research) presented in the abstract. Each of these awards carries a monetary prize of $1,000. The Fellows’ Basic Research Awards are designed to encourage pediatricians in training to pursue careers in academic pediatrics.

Pediatric Endocrine Society – Research Fellowship Award

David Sparling, MD, PhD, PGY-6

- PES Research Fellowship Award support Fellows in their final year of research training and prepare for a career in academic pediatric endocrinology. A one-year stipend of $50,000 will cover salary and fringe benefits for the Fellow and travel to the annual PES meeting.

Pediatric Endocrine Society – Annual Meeting Travel Grants

David Sparling, MD, PhD, PGY-6 & Kristen Williams, MD, PGY-5

- PES offers travel grants to Fellows attending the PES/PAS Annual Meetings. These educational grants are supported by Eli Lilly USA LLC.

Pediatric Endocrine Society – Fellows Spring Retreat

Emily Breidbart, MD, PGY-4

- The PES Spring Retreat is a 3-day program for junior fellows to learn basic and clinical teaching in selected areas in Pediatric Endocrinology, promote clinical thinking skills and to encourage discussions and interactions other junior fellows and faculty members. This year, the program will be held after the PES meeting in Vancouver, BC on May 5-8, 2014.
HEMATOLOGY-ONCOLOGY

American Society of Blood and Marrow Transplant Travel Grant

Kerice Pinkney, MD, PGY-6

- Every year ASBMT members nominate hematology and oncology fellows for travel grants to attend their annual Tandem meetings are awarded $1,000 to introduce clinicians and investigators to the field of hematopoietic cell transplantation.

Kerice Pinkney, MD, PGY-6

American Society of Pediatric Hematology Oncology Diversity Special Interest Group Trainee Travel Stipend

- The ASPHO inaugural Diversity Trainee Travel stipend are awarded to hematology and oncology fellows to attend a workshop in an Open Space networking exercise with the specific goals of identifying diversity-related interests or concerns among members and collecting recommendations regarding the governance and proposed activities of the Diversity SIG. Attendees were given surveys to capture the results of this networking exercise.

Hyundai Hope on Wheels Scholar Grant

Chana Weiner, MD, PGY-5

- Since 1998, Hyundai Hope On Wheels has been making donations to hospitals across the country to help support the further training and/or research of childhood cancer specialists. Hope On Wheels has designated these doctors and medical professionals as Hyundai Scholars. With this grant, Dr. Weiner will have the opportunity to evaluate a number of emerging epigenetic therapies for potential use in pediatric cancers, including Ewing Sarcoma, Rhabdomyosarcoma, Neuroblastoma, and Glioblastoma.

INFECTION DISEASE

Thrasher Research Fund – Early Career Award

Sruti Nadimpalli, MD, MPH, PGY-6

- The Early Career Award from the Thrasher Research Fund awards $25,000 to young clinicians to support their research projects geared to improving children’s health. The Thrasher Foundation provides grants for pediatric medical research and seeks to foster an environment of creativity and discovery aimed at finding solutions to children’s health problems.

USIDNET Mentee Award for Short Term Training Initiative – Visiting Immunology Scholar Program

Sruti Nadimpalli, MD, MPH, PGY-6 – University of California at San Francisco, CA, October 2013
Philip Zachariah, MD, PGY-5 – Boston Children’s Hospital, Harvard Medical School, January 2014

- The USIDNET short-term training program Visiting Immunology Scholar Program is designed to support the clinical and laboratory training experiences of medical students, residents and fellows. To increase young physicians or scientists to these diseases, a visiting student elective is offered which provides the opportunity to spend one to two weeks at another medical center which specializes in the study of one or more aspects of primary immune deficiency. This opportunity permits first hand observation of patient evaluation and treatment, familiarization with laboratory techniques, or both.
NEONATAL-PERINATAL

Marshall Klaus Perinatal Research Award

Thomas Hooven, MD, PGY-5

- The American Academy of Pediatrics (AAP), the Section on Perinatal Pediatrics, and Johnson & Johnson Pediatric Institute initiated the Marshall Klaus Perinatal Research Awards with the goal of enhancing and supporting development of research skills among physicians training in Neonatal-Perinatal Medicine. These awards provide partial support intended to assist fellows in initiating or completing research projects. Dr. Hooven will receive a $5,000 grant for his research project entitled, “The Role of Environmental Arginine Sensing in the Pathogenesis of Perinatal Group B Streptococcus Infection”.

PRIMARY CARE RESEARCH (COMMUNITY HEALTH)

The Organization of Latin Americans (OLA) – Latinos Unidos Conference

Noé Romo, MD, MS, PGY-6

- In October 2013, as part of Hispanic Heritage Month, The Office of Multicultural Affairs and the Organization of Latin Americans at the Stephen F. Austin State University (SFASU) hosted its annual Latinos Unidos Conference in Texas. Dr. Romo was the keynote speaker at the event and discussed his experiences as a first generation college student and later becoming a doctor.

The Door – Young People’s Peace and Justice Conference

Noé Romo, MD, MS PGY-6

- The Door’s is a non-profit organization that serves more than 11,000 young people from all over New York City. Its mission is to empower young people to reach their potential by providing comprehensive youth development within a diverse, caring environment. The Door provides a wide range of free services which include reproductive health care and education, mental health counseling and crisis assistance, legal assistance, GED and ESOL classes, tutoring and homework help, college preparation services, etc. In July 2013, The Door held its First Annual Young People’s Peace and Justice Conference, Dr. Romo presented a workshop entitled, “A Hip Hop Way to Understanding Neighborhood Violence”.

RHEUMATOLOGY

Joyce Hui-Yuen, MD, PGY-5

NIH T32 Training Grant in Medical Genetics
Principal Investigator – Angela Christiano, PhD, Dermatology, Molecular Biology and Genetics

- This program is designed to enable physicians and scientists to become academic and scientific leaders in areas relevant to human genetic disease. Their professional endeavors will thereby result in advancements in genetic diagnosis and genetic counseling, and, importantly, in the treatment of genetic disorders. Dr. Hui-Yuen will be working with Dr. Christiano on her research project on the biomarker discovery in patients with childhood-onset systemic lupus erythematosus via transcriptional profiling.
Here’s a look at some of our recent grads and past fellows.
The following section of the annual report is devoted to Alumni News. The Department of Pediatrics is proud of all our Fellowship graduates and seeks to maintain a long relationship with each of them as they progress along their chosen careers. There are continued opportunities to network together, to maintain roles as external mentors to current Fellows or to provide educational assistance to our current Fellows.

The first two demographic maps demonstrate that our recent Fellow graduates have extended their reach out of the immediate tri-state area, though clearly the majority will still remain either within the NYP system or in the eastern regions of the country. We welcome news of professional achievements from any of our graduates and look forward to building a strong alumni network in the months and years ahead. We invite all our Fellowship alumni to join our group on LinkedIn – Columbia University Pediatric Fellowship Alumni.
**Class of 2013**

WHERE ARE THEY NOW?

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**2013 Graduates**

**Cardiology**
- Brett Anderson, MD, MBA*  
  Columbia University Medical Center  
  Assistant Professor of Pediatrics
- Eunice Hahn, MD  
  Cincinnati Children’s Hospital  
  Fetal Imaging Fellow
- Denise Hayes, MD  
  Attending Physician  
  Cohen Children’s Medical Center  
  North Shore Long Island Jewish
- Kathleen Walsh, MD  
  Attending Physician  
  Stony Brook Hospital
- Jeremy Ramey, MD  
  Attending Physician  
  Sarasota Memorial Hospital

**Clinical Medical Genetics**
- Luis Robens, MD  
  San Antonio Military Medical Center  
  Chief, Medical Genetics  
  Assistant Director, Pediatric Residency Program  
  Uniformed Services University Health Sciences  
  Assistant Professor of Pediatrics & Biochemistry

**Critical Care**
- Danielle Ahn, MD*  
  Columbia University Medical Center  
  Instructor
- Linda Aponte-Patel, MD*  
  Columbia University Medical Center  
  Assistant Professor of Pediatrics  
  Assistant Director, Pediatric Residency Program  
  Pediatric Critical Care Fellowship Program
- Michael Keenanahan, MD  
  Gary’s Children’s Hospital  
  Morristown Medical Center  
  Assistant Professor of Pediatrics

**Emergency Medicine**
- John Babintov, MD*  
  Columbia University Medical Center  
  Assistant Professor of Pediatrics
- Daniel Fenster, MD*  
  Columbia University Medical Center  
  Assistant Professor of Pediatrics

**Endocrinology**
- Marisa Cesani, MD*  
  Weill Cornell Medical College  
  Assistant Professor of Pediatrics

**Gastroenterology, Hepatology & Nutrition**
- Kerry Jo Lee, MD  
  Food & Drug Administration  
  Medical Officer
- Jennifer Vittoria, MD*  
  Columbia University Medical Center  
  Transplant Hepatology Fellow

**Hematology-Oncology**
- Staci Arnold, MD, MBA*  
  Columbia University Medical Center  
  Instructor
- David Gass, MD  
  Cincinnati Children’s Hospital  
  Pediatric Neuro-Oncology Fellow

**Infectious Disease**
- Christina Gagliardo, MD  
  Maimonides Medical Center  
  Attending Physician

**Neurology-Pediatrics**
- Xavier Annee, MD  
  NYP Lower Manhattan Hospital  
  Assistant Professor of Pediatrics  
  Assistant Attending Physician
- Colleen Coughlin Claassen, MD  
  Saint Louis University School of Medicine  
  Assistant Professor of Clinical Pediatrics  
  Attending Physician at Cardinal Glennon Children’s Hospital
- Matthew Eglake, MD*  
  Columbia University Medical Center  
  Assistant Attending in Clinical Pediatrics
- Lakshmi Rajkumar, MD (Vaithilingam)  
  Morristown Medical Center  
  Instructor
- Waleed Samman, MD  
  Pediatric Hematology-Oncology

**Pediatrics**
- Stephanie Levinsky-Doisy, MD*  
  Columbia University Medical Center  
  Assistant Professor of Pediatrics

**Pediatric Critical Care**
- Jeremy Ramey, MD  
  Assistant Professor of Pediatrics  
  Clinical Neonatologist  
  Attending Physician  
  Sarasota Memorial Hospital

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**Region**

- **Connecticut**: New Haven 1
- **New Jersey**: Hackensack 1, New Brunswick 2
- **New York**: Manhattan* 12, Long Island 2
- **Northeast**: Washington, DC 1
- **Midwest**: Missouri 1, Ohio 2
- **South**: Texas 1
- **Total**: 24

*Alumni at CUMC (9)  
*NYP/Weill Cornell (2)
### Class of 2012

**Where are they now?**

#### 2012 Graduates

**Adolescent Medicine**
- Jennifer Chuang, MD, MS
  - University of Pennsylvania Perelman School of Medicine
  - Assistant Professor of Clinical Pediatrics
- Lee Shearer, MD
  - Weill Cornell Medical College*
  - Assistant Professor of Medicine in Pediatrics & Attending Physician

**Cardiology**
- Bhawna Arya, MD
  - University of Washington School of Medicine
  - Assistant Professor & Attending Physician at Seattle Children’s Hospital
- Robert Elder, Jr., MD
  - Yale School of Medicine
  - Assistant Professor of Pediatrics (Cardiology) & In Medicine
- Michael Monaco, MD*
  - Columbia University Medical Center
  - Instructor

**Critical Care**
- Vined Navedol, MD
  - Advocate Lutheran General Hospital
  - Attending Physician
- Patrick Wilson, MD*
  - Columbia University Medical Center
  - Assistant Professor of Pediatrics

**Endocrinology**
- Christine Trapp, MD
  - University of Connecticut School of Medicine
  - Assistant Professor of Pediatrics & Attending Physician at Connecticut Children’s Medical Center

**Emergency Medicine**
- Lindsey Carroll, MD (Till)*
  - Columbia University Medical Center
  - Instructor

**Gastroenterology, Hepatology & Nutrition**
- Kate Buzzi, MD
  - North Shore Long Island Jewish Hospital
  - Attending Physician
- Kimberley Chien, MD*
  - Weill Cornell Medical College
  - Assistant Professor of Pediatrics & Attending Physician

**Hematology-Oncology**
- Charlotte Alice, MD
  - Student
  - Norwegian University of Science & Technology (NTNU)
  - Kavli Institute for Systems Neuroscience
  - Centre for Neural Computation
- Bethany Milkes, MD
  - Naval Medical Center
  - Attending Physician

**Infectious Disease**
- Saul Hymes, MD
  - Stony Brook University School of Medicine
  - Assistant Professor of Pediatrics & Attending Physician at Stony Brook Children’s Hospital

**Neurology-Pediatric**
- Catherine Christman, MD
  - Bronx-Lebanon Hospital Center
  - Attending Physician
- Anantha Harijith, MD
  - University of Illinois College of Medicine
  - Assistant Professor of Clinical Pediatrics & Co-Director, Neonatology Fellowship Program
- Joanne Zaklama, MD
  - Hackensack University Medical Center
  - Attending Physician

**Obstetrics-Gynecology**
- Tania Small, MD
  - Novartis
  - Medical Director

**Orthopaedics**
- Vinod Havalad, MD
  - Advocate Lutheran General Hospital
  - Attending Physician

**Pathology**
- Charlotte Alice, MD
  - Student
  - Norwegian University of Science & Technology (NTNU)
  - Kavli Institute for Systems Neuroscience
  - Centre for Neural Computation

**Pediatric Surgery**
- Anantha Harijith, MD
  - University of Illinois College of Medicine
  - Assistant Professor of Clinical Pediatrics & Co-Director, Neonatology Fellowship Program

**Physical Medicine & Rehabilitation**
- Heather Howell, MD (O’Brien)
  - NYU Langone Medical Center
  - Assistant Professor of Pediatrics

**Radiology**
- Patrick Wilson, MD*
  - Columbia University Medical Center
  - Assistant Professor of Radiology

**Rheumatology**
- Simona Nativ, MD
  - Goryeb Children’s Hospital at Morristown Medical Center
  - Attending Physician
**Allergy & Immunology**

Dr. Eun Soo Kwak is an allergist-immunologist and practices at the New York Allergy, Asthma & Sinus Center in Glendale.

**Publications**


Dr. Timothy Mainardi is a Clinical Instructor in Medicine in the Department of Medicine at New York-Presbyterian/Weill Cornell and is the consultant allergist for Memorial Sloan Kettering Hospital. Dr. Mainardi practices and teaches courses on Restaurant Food Safety at the Hudson Allergy Tribeca in New York.

**Publications**


Dr. Kathleen Donohue is an Assistant Professor of Medicine with joint appointments in the Division of General Medicine and the Division of Pulmonary, Allergy & Critical Care at Columbia University Medical Center. Dr. Donohue has a particular interest in exposure to bisphenol-A, a known endocrine disruptor, immunoregulatory dysfunction and pediatric asthma outcomes. More recently, she has collaborated with Graham Barr investigating asthma and airway structure on CT scan in the MESA Lung Study.

**Publications**

Dr. Brett R. Anderson is an Assistant Professor of Pediatrics in the Division of Pediatric Cardiology at Columbia University Medical Center.

Publications
Unusual Variant of Tetralogy of Fallot with Pulmonary Atresia: A Right Pulmonary Artery from the Ascending Aorta and a Coronary-to-Left Pulmonary Artery Collateral. Yilmaz, B, Crystal, MA, Anderson, BR. Cardiology in the Young. 2014 (in press).


Presentations
Incidence and Characteristics of Arrhythmias in Pediatric Patients with Myocarditis: A Multicenter Study. Liberman, L, Anderson, BR, Singh, RK, Silver, E, Richmond M.

American Heart Association Scientific Session, Dallas, TX, November 16-20, 2013

Dr. Teresa M. Lee is an Assistant Professor of Pediatrics in the Division of Pediatric Cardiology at Columbia University Medical Center. Dr. Lee received the Driscoll Children’s Fund Award and will receive $50,000 for her proposal entitled, “Identification of Novel Causes of Infantile Cardiomyopathy.”

The John M. Driscoll Jr., MD Children’s Fund was created in the Department of Pediatrics in 2005. It is made possible by many doctors who responded to Dr. Driscoll’s appeal for funds to support junior physician-scientists in the Department at the beginning of their careers. An endowed fund, each year the John M. Driscoll, Jr., MD Children’s Fund will provide select junior faculty members stipends for up to two years.

Publications

Dr. Jodie Votava-Smith is an Assistant Professor of Pediatrics at the University of Southern California (USC) and practices pediatric and fetal cardiology in the Division of Pediatric Cardiology at Children’s Hospital Los Angeles. Dr. Votava-Smith has grant support for clinical research and has published and presented nationally. In 2013, Dr. Votava-Smith was involved in the creation of the first fetal cardiac intervention program in Southern California.

Publications


Presentations

Votava-Smith JK, Taylor MD, Michelfelder EC, Pratt JM, Nelson DP, Kleinman, CS. Impaired Cerebral Autoregulation in Preoperative Newborn Infants with Congenital Heart Disease. Presented at the American Heart Association Scientific Sessions, Nov 2012.

CRITICAL CARE

Dr. Linda Aponte-Patel is an Assistant Professor of Pediatrics in the Division of Pediatric Critical Care and is the Associate Director of Pediatric Critical Care Fellowship Program and Pediatric Residency Program. Dr. Aponte-Patel has published and presented nationally.

Publications


Presentations
Pediatric Academic Society, Vancouver, Canada, May 3-6, 2014
Abstract: Intranasal Fentanyl versus Intravenous Morphine for Abscess Incision & Drainage: A Randomized Trial
Authors: Fenster, D, Dayan, P, Babineau, J, Aponte-Patel, L, Tsze, D.
Presented by: Daniel Fenster, MD

American Association for Thoracic Surgery 93rd Annual Meeting, Toronto, Canada, April 26-30, 2014
AATS Learning Center Video – Biventricular Pacing
Henry M. Spotnitz, MD, Santos E. Cabreriza, MBA, Daniel Y. Wang, MD, T. Alexander Quinn, PhD, Bin Cheng, PhD, Matthew E. Spotnitz, MD, Linda Aponte-Patel, MD, Steven M. Horwitz, MD, Robin M. Brusen, MD, Michelle D. Spotnitz, MD, Alex Rusanov, MD, Marc Richmond, MD, Vinod Havalad, MD, Benjamin J. Rubinstein, BA, Huy V. Nguyen, BA, Jiajie Lu, BA, Alice Wang, BA, Wanda Truong, MS, Lauren N. Bedrosian, BA, Craig R. Smith, MD

ENDOCRINOLOGY

Dr. Chhavi Agarwal is an Assistant Professor of Pediatrics in the Division of Pediatric Endocrinology at the Albert Einstein School of Medicine. She has published and presented nationally.

Publications


Silibinin Prevents Prostate Cancer Cell-Mediated Differentiation of Naïve Fibroblasts into Cancer-Associated Fibroblast Phenotype by Targeting TGF β2. Ting HJ, Deep G, Jain


GASTROENTEROLOGY, HEPATOLOGY & NUTRITION

Dr. Sarah Shrager Lusman is the Assistant Professor of Pediatrics and the Associate Director of the Pediatric Gastroenterology, Hepatology & Nutrition Fellowship Program at Columbia University Medical Center.

Dr. Lusman received a 3-year grant for $90,000 from the Cystic Fibrosis Foundation for her project entitled, “Advancement of GI Care for Children and Adolescents with CF” as a part of their DIGEST program (Developing Innovative Gastroenterology Specialty Training). This is a training award given to physicians interested in developing expertise in the gastroenterologic care of patients with CF.

INFECTIOUS DISEASE

Dr. Christina Gagliardo is an Attending Physician and is the Director of Pediatric Infectious Disease at Maimonides Medical Center. Dr. Gagliardo was featured on NBC Nightly News with Brian Williams discussing the recent surge of measles cases in the U.S. Dr. Gagliardo has published and presented nationally.

Publications


Dr. Saul Hymes is an Assistant Professor at Stony Brook University School of Medicine and Attending Physician at the Stony Brook University Hospital. Dr. Hymes published and has presented nationally.

**Publications**


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**NEONATAL-PERINATAL**

Dr. Colleen Coughlin Claassen is an Assistant Professor of Clinical Pediatrics at Saint Louis University School of Medicine and practices neonatal-perinatal medicine at Cardinal Glennon Children’s Medical Center in Saint Louis, MO. Dr. Claassen presented her abstract entitled, “Educational Intervention of NRP Refresher Training Improves Resident Performance in Simulated Neonatal Resuscitation” at PAS/SPR Annual Meeting held on May 5th.

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**RHEUMATOLOGY**

Dr. Philip J. Kahn is an Assistant Professor of Pediatrics at NYU School of Medicine and practices pediatric rheumatology at NYU Langone Medical Center. In addition to clinical medicine, Dr. Kahn has an interest in transitional clinical medicine which include juvenile idiopathic arthritis, lupus, dermatomyositis, vasculitis, as well as many other childhood rheumatic diseases.

**Publications:**


As the Pediatric Fellowship Office moves forward, we ask for your support with some of our educational endeavors. A new Pediatric Fellowship Education Fund has been established to assist with supporting the widening educational needs of our Fellows. These needs include support of statistical training, educational symposia and visiting speakers. Seminar lectures can be sponsored in your name or in the name of faculty to whom you would like to pay tribute. We look to grow the ever widening network of alumni of the Pediatric Fellowship Programs to establish networking groups and career advice to graduating Fellows. If you can help in any of these areas we would love to hear from you.

The support of Pediatric Fellowship training will be reflected in maintaining the high quality of the graduates of Subspecialty Programs in the Department of Pediatrics. Please join us in building the careers of our future subspecialists.

Learn more about giving to our fellowship programs, please visit giving.columbia.edu/giveonline
Special Thanks

Special thanks to Dr. Lawrence R. Stanberry, Chairman, Department of Pediatrics, the Fellowship Program Directors, Coordinators, and Fellows for their collaboration and assistance in preparation of this report.

Helen M. Towers, M.D.
Director, Pediatric Fellowship Programs

Gail Fayanju
Administrative Assistant, Pediatric Fellowship Programs