Residents have ample opportunities to participate in research if they so desire. Every year we hold a Research Forum in May to celebrate the accomplishments of the department. The following is a list of some of the on-going research projects in the Department of Pediatrics.

<table>
<thead>
<tr>
<th>Project title</th>
<th>Funding source</th>
<th>Total cost</th>
<th>Faculty investigator and role in grant (i.e. PI, Co-PI, Co-investigator)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ichthyosis in SLS Syndrome</td>
<td>NIH</td>
<td>$1,046,000</td>
<td>William Rizzo, PI</td>
</tr>
<tr>
<td>Neural Stem Cells &amp; Neurometabolic Diseases</td>
<td>NIH</td>
<td>$363,000 DC</td>
<td>William Rizzo, Co-Investigator</td>
</tr>
<tr>
<td>Characterization of a Murine Model of Central Nervous System Catheter Infection</td>
<td>NIH</td>
<td>$774,000 DC</td>
<td>Jessica Nichols Snowden, PI</td>
</tr>
<tr>
<td>Collaborative Antiviral Study Group (Studies 106,112,114,118)</td>
<td>NIH/University of Alabama</td>
<td>Varies by study</td>
<td>Kari Simonsen, PI</td>
</tr>
<tr>
<td>A Phase 4, 6-WEEK, Randomized Double-Blind, Multicenter, Active-Controlled Trial to Evaluate the Effects of Celecoxib (CELEBREX™) or Naproxin on Blood Pressure in Pediatric Subjects with Juvenile Idiopathic Arthritis</td>
<td>Pfizer</td>
<td>$11,369</td>
<td>Adam Reinhardt, PI</td>
</tr>
<tr>
<td>Calfactant Therapy for Direct Acute Respiratory Distress Syndrome &amp; Direct Acute Lung Injury in Adults and Children</td>
<td>Pneuma Pharmaceuticals, Inc</td>
<td>$250,000</td>
<td>Edward Truemper, PI</td>
</tr>
<tr>
<td>A Phase 3, 2-Part, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Pharmacokinetics, Efficacy and Safety of VX-770 in Subjects Aged 6 to 11 with Cystic Fibrosis</td>
<td>Vertex Pharmaceuticals, Inc</td>
<td>$48,205</td>
<td>John Columbo, PI</td>
</tr>
<tr>
<td>An Open Label Study Evaluating the Safety and Efficacy of Long-Term Dosing of Romiplostim in Thrombocytopenic Pediatric Subjects with Immune (Idiopathic) Thrombocytopenia Purpura (ITP)</td>
<td>Amgen</td>
<td>$95,000</td>
<td>David Gnarra, PI</td>
</tr>
<tr>
<td>Quantification of ventricular mechanics and myocardial blood flow reserve in adolescents and adults ages 13-50 with congenital or acquired heart disease using supine bicycle stress with real time myocardial contrast echocardiography and Dobutamine stress perfusion magnetic resonance imaging</td>
<td>Children’s Hospital Foundation</td>
<td>$38,000</td>
<td>Shelby Kutty, PI</td>
</tr>
</tbody>
</table>
Many of our faculty are actively involved in research. The following is a partial list of publications done by our faculty over the past 3 years.


The following is a list of posters, publications and presentations done by our residents during the 2009-2010 academic year:

1. **Charron S** and Fernandez C. *Resident Time Management and a Career Success Map Survey.* *Pediatric Research Forum.* Children’s Hospital and Medical Center, Omaha, NE. 20 May 2010.

2. **Clements S.** “Curing Type I Diabetes: Biological versus Mechanical Approaches.” Pediatric Grand Rounds. Children’s Hospital and Medical Center. Omaha, NE. 18 Sept 2009.

3. **Duraiannan D.** “Plastics.” Pediatric Grand Rounds. Children’s Hospital and Medical Center. Omaha, NE. 13 Nov 2009.


14. **Nella AA.** “Regulation of Autoimmune Diabetes” 8th Annual Pediatric Research Forum, 21 May 2010. Omaha, NE.

15. **Nella AA** and Corley KP. *Testotoxicosis: A Rare Case of Familial, Male-Limited Precocious Puberty.* Pediatric Research Forum. Children’s Hospital and Medical Center, Omaha, NE. 20 May 2010.

17. **Niss, O.** “Delivering Long Term Follow-up Care to Pediatric Cancer Survivors: The Role of Primary Care Providers.” Pediatric Grand Rounds. Children’s Hospital and Medical Center. Omaha, NE. 9 Oct 2009.


19. **Patel SA** and Coccia P. *Allogeneic Stem Cell Transplantation for the Treatment of Relapsed Juvenile Myelomonocytic Leukemia (JMML).* Abstract to be submitted.


21. **Pierce E.** “Mental Health Utilization Among Children in Foster Care.” Pediatric Grand Rounds. Children’s Hospital and Medical Center. Omaha, NE. 19 Feb 2010.


33. **Simulescu M.** “Perspectives on Gun Safety.” Pediatric Grand Rounds. Children’s Hospital and Medical Center. Omaha, NE. 13 Nov 2009.
