



SAVE THE DATE!! Saturday September 7th

TEDDY Family Night at the Butterfly Pavilion



We are thrilled to announce the return of the TEDDY Family Night this September! Please save the date and join us for a fun evening of education and food at the Butterfly Pavilion on Saturday September 7th from 5:00 to 8:00 PM!

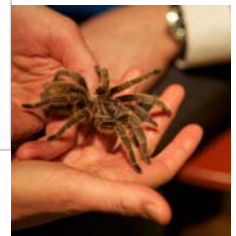
The past TEDDY events at the Denver Children's Museum were so popular we've revived the fun event with a few changes. Many of our TEDDY families have outgrown the Children's Museum so we've changed the venue to the Butterfly Pavilion. We have rented the entire Pavilion for your family's enjoyment from 5:00 to 8:00 PM. We'll have sandwiches, chips and drinks available and you'll be able to view all exhibits during that time, including the butterflies in *Wings of the Tropics* and Rosie the tarantula whom adults and children 3 and over are allowed to hold. In addition, this year we will have science and TEDDY research stations set up in the classrooms at the Pavilion. These will include posters and information on TEDDY research, diabetes, and general science, for example, microscopes for children to look at blood cells. Both children and adults should check out the science stations!

The immediate family of the TEDDY child is invited to the event. This includes full, half, step or adopted siblings and 2 adults. Please only 2 adults maximum per family. Be on the look-out for our invitation in August. There will be three ways to sign up this year; by phone, email or evite. We look forward to seeing you there!



Meet fellow members of the TEDDY Colorado Family:

Ava
5 years



Evening with Investigators in October

We are excited to announce we will be hosting our second annual Evening with Investigators-Research in Progress on Wednesday, October 2nd 2013. Our first event in 2012 was very successful. We received great feedback and our families appreciated the information presented. Due to the large number of requests to learn more about our research with celiac disease and the diet information, these will be the topics discussed at this year's event. The presenters will be Dr. Jill Norris and Dr. Ed Liu, who have both been with TEDDY since the beginning of the study. Dr. Jill Norris is the lead study investigator for the TEDDY Diet Committee. Dr. Ed Liu is the study investigator representing Colorado on the TEDDY Celiac Disease Committee. We will be sending out invitations as it gets closer to the event so please be looking for these. This event will be an adult only event and require a RSVP due to limited space. We look forward to seeing you in the fall!



Next generation sequencing for viruses in children with rapid onset type 1 diabetes

Other studies have shown that viruses may play a part in the development of type 1 diabetes. TEDDY researchers wondered if children with rapid onset type 1 diabetes were developing diabetes more quickly due to a viral infection. Rapid onset type 1 diabetes is when a child develops autoantibodies and is diagnosed with type 1 diabetes within 6 months. The scientists looked at the history of illness and fever of 24 TEDDY subjects with rapid onset type 1 diabetes and similar TEDDY control subjects who did not have autoantibodies. Blood samples of 14 rapid onset cases were available for analysis.

After the testing, the TEDDY scientists did not find more viruses in the rapid onset type 1 diabetes subjects. They also did not find a higher number of illnesses reported compared to the controls. In fact, the number of fevers in the rapid onset subjects was lower compared to the control subjects. Based on these findings, the scientists could not conclude that a viral infection just before development of autoantibodies led to rapid onset type 1 diabetes. However, they did state that the findings cannot dismiss the possibility of a virus occurring before 6 months or only present for a very short time leading to autoantibodies and diabetes.

(Lee et al, 2013)



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COLORADO TEDDY NEWSLETTER

*The Environmental Determinants
of Diabetes in the Young*

www.teddystudy.org
www.teddycolorado.org

Good-bye Nicole!



Nicole Frank who worked with TEDDY for more than 7 years has left to go back to school. Nicole was accepted into the Physician's Assistant program at the University of Colorado. We miss her greatly and we know many of her families will also miss her. She is doing well and adjusting to her life as a student.

TEDDY mom blog



We have a blog written by a TEDDY mom who is also a staff member at one of our sites. Go to teddystudymom.blogspot.com to see blogs about difficult blood draws, poop samples, interviews with adult who have celiacs or diabetics, parents of children with celiac disease and many more. If you'd like to write a guest post please email teddy.study@ucdenver.edu

Below is from an upcoming TEDDY blog.

TEDDY Fun with the Big Bad Wolf

At our TEDDY site we were lucky that there was a planned event where families could get together for a free evening of fun and meet other TEDDY families. The tradition for 4 years was a light dinner and free evening at the Children's Museum. I attended all 4 years and my son has attended 3 years, the 1st party was before my son was born. The last Children's Museum event was one of my favorites as my son was at a great age to really play. Halfway through the evening we found a wolf costume and he was so excited to be the Big Bad Wolf a character he had learned about on Sesame Street. He ran around the room and climbed up the tree roots yelling to other kids "I'm the Bad Wolf." I think he was roaring at kids too, I hope he didn't scare any young ones! He had so much fun and asked for days, "Go to TEDDY Party again mommy?"

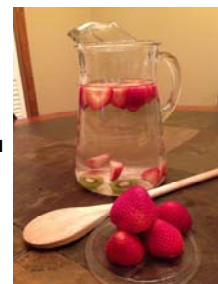
We look forward to this year's TEDDY event at the Butterfly Pavilion!

Fancy Water Recipe

During these hot summer months it gets hard to make sure that your kids are getting enough fluids while keeping them away from high-sugar beverages. By adding fruit to water or sparkling water you can make a tasty drink that is healthy and your kids will love (you will too.)

- 1 Pitcher water
- 1-2 cups fruit of your choice
- 1 2-liter bottle of sparkling water *optional*

Mix water(s) and fruit. Chill and serve. The water gains more flavor the longer it infuses. Favorite combinations include strawberry-lime, crushed blackberry-peach, cucumber-mint-ginger, and mixed melons.



Thank You TEDDY Families!!

As our TEDDY children continue to grow and get older we feel it's important to recognize their amazing dedication to our study. Our oldest TEDDY child will be 9 years old this September and our youngest is 3 years old. We have been so impressed with our TEDDY families' persistence and fulfillment of their participation. The older children are getting more and more excited about their involvement with the study and really coming to understand why they are in TEDDY. Many seem to be delighted with the fact that they are doing something wonderful for future generations. Ultimately, we want all of our TEDDY families to know that we couldn't be conducting our research without you. With the participation of our children in Colorado and worldwide we may be able to one day prevent people from having to deal with this lifelong disease.

We want everyone to know how important it is that we keep each and every participant in the study until they are 15 years old. Even if your child's antibody results have been normal they are still an integral part of the study. We need those children to compare to the kids that go on to develop type 1 diabetes and compare the differences in their lives. Also, the average age of onset for type 1 diabetes is 8-12 years old and most of our study participants are still below this age.

We also want to remind our families to please communicate with us and let us know how we can make TEDDY easier for you. We have so many different ways of making TEDDY one of the simpler parts of your life; so please let us know if at any point you are feeling overwhelmed with the study. We can't thank you all enough for your time and devotion to the study and helping us find the causes of type 1 diabetes!

