



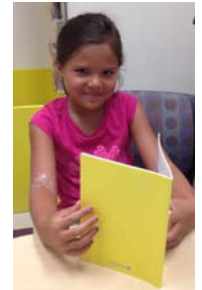
TEDDY VIDEO Park Day!!

Centennial Center Park in Centennial

South East Metro Area near Arapahoe & Peoria

Saturday August 16th 10:00 AM

Join us for some fun in the sun and socializing outside of our normal TEDDY clinic at the best urban park in Colorado. While you are there, help us create the next TEDDY video! We will be videoing those who would like to be stars in the **TEDDY Around the World** movie. Families and staff will give a BIG shout out from Colorado to TEDDY families at all the other centers. An Evite will be sent a few weeks ahead with more information. This will be a great opportunity to meet other TEDDY families along with study staff and their families. Come check it out!!



Meet fellow members of the TEDDY Colorado Family: Farrah

Celiac disease autoimmunity risk in TEDDY

As TEDDY Study family you know that the study is looking for the causes of type 1 diabetes as well as celiac disease. Celiac disease develops when the immune system damages the small intestine as a reaction to gluten in the diet. Those diagnosed with celiac disease need to follow a gluten-free diet. Some of the same genes that increase a person's risk for type 1 also increase risk for celiac disease. TEDDY investigators recently published findings that looked at risk in children with certain genes. They discovered that 26 percent of kids with a specific gene combination developed celiac disease autoimmunity (positive for the TG antibody) by the age of 5 years old and 12 percent developed celiac disease. Knowing who is at high risk will help parents and doctors monitor for the early signs of the disease.

This study also found that TEDDY kids in Sweden have a higher chance of developing celiac disease compared to TEDDY kids in Germany, Finland or the United States. TEDDY researchers will look for environmental differences among the countries, like children's diet, that may increase or decrease a child's chance of developing celiac disease. TEDDY researchers next plan to look at how diet can affect bacteria in the gut.



Liu, E, et al *New England Journal of Medicine* 2014

Evening with Investigators on October 2nd at 6:30



You have a chance to hear about what we are learning in TEDDY We will be hosting another **Evening with Investigators - Research in Progress on Thursday, October 2nd at 6:30 PM**. Topics will be research on TEDDY subjects after diagnosis of type 1, activity data, and new findings related to celiac disease. We hope this will open up a good discussion between parents and investigators about where TEDDY and DAISY research is heading. 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. We look forward to seeing you in the fall!

Your TEDDY Portal is here!

TEDDY is excited to announce it has launched its very own TEDDY portal! You, our TEDDY families, can log-in to the portal and enter your questionnaires online before you come for your visit. We have been talking with many parents to give us feedback during the portal development. They think it is really useful, easy and saves time. So we would like to encourage all TEDDY families to please try the TEDDY Portal to complete the questionnaires. For families that don't have access to a computer or tablet or who just prefer not to use the portal, we will still provide the paper questionnaires. We will be asking each family if they are interested in trying the portal. We will provide instructions on how to access and use it at clinic visits as well as in the packets you receive in the mail before your child's upcoming appointment. Access to the portal will require two numbers specific to your child that we will provide to only you. Use of the portal requires a computer or a tablet, parents will not need to print anything. We appreciate the patience of all the parents who have been asking about and hoping that TEDDY would develop this capability. Our goal is to make TEDDY easier for our dedicated families and we hope this is one big step in that direction!

Your dedicated participation in TEDDY is making a difference as we all grow together as a TEDDY family!





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Aurora, Colorado 80045
303.724.7577

Email: teddy.study@ucdenver.edu

Facebook: [facebook.com/teddycolorado](https://www.facebook.com/teddycolorado)

Blog: teddystudymom.blogspot.com

COLORADO TEDDY NEWSLETTER

The Environmental Determinants of Diabetes in the Young

www.teddystudy.org
www.teddycolorado.org

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: <http://teddystudymom.blogspot.com> to see blogs about difficult blood draws, poop samples, interviews with adults who have celiac disease or diabetes, parents of children with celiac disease and many more. **If you'd like to tell your TEDDY story please email teddy.study@ucdenver.edu.**

Below is a post from the blog:

Since finding out my son's increased risk for developing diabetes, there has always been the thought and worry that he may one day get the disease. Even now we are waiting on his most recent antibody results. I always hold my breath as I'm finding out his results. Will they still be negative?

I've thought maybe my increased anxiety stems from working in this field, surrounded every day by type 1 diabetes research and knowing that some children his age have antibodies or even diabetes. But knowing me, I'd still have some anxiety even if I didn't work for TEDDY. Are other families like me? Do they wait for that letter in the mail hoping that everything is still negative?

Plenty of adults have the high risk genes and never develop diabetes. I'm one of them, I found out years ago through participation as a control in an adult type 1 research study. I was very surprised that I have those genes and now I look at my childhood a little differently. I think how different my life could have been and how lucky I am that I didn't develop diabetes. One day I hope a research study will be able to tell everyone what triggers type 1 and what people should avoid or do to prevent getting diabetes. This information may not be able to help our sons and daughters, but I'm holding out hope for their children.

Also posted on <http://teddystudymom.blogspot.com>

Study shows increase in type 1 and type 2 diabetes in youth

Determining if the number of young people with diabetes is increasing or decreasing informs doctors about the care needs for those living with this disease. The SEARCH for Diabetes in the Youth study determined the proportion of the population with type 1 and type 2 diabetes and how patterns have changed between 2001 and 2009 in different areas around the USA. Colorado is a SEARCH site that contributed to this study.

There was a 21 percent increase in the number of youth (younger than 20) who have type 1 diabetes over the 8 years. The largest increase in type 1 diabetes was observed in youth ages 15-19. Type 2 diabetes increased in youth 30.5 percent between 2001 and 2009.

Due to the increase in both types of diabetes, there will be a larger population that will have diabetes for a longer period of time and an increase in risk of early complications. Research findings like this show the importance of finding the cause or cure for diabetes. Your efforts with the TEDDY Study are helping to discover the environmental factors that might be causing this increase in type 1 diabetes.

Dabelea D, et al Journal of the American Medical Association 2014

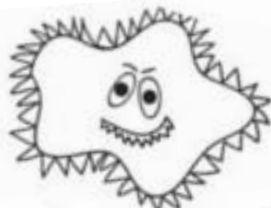
Kids' Corner

W R Y J C Y C G C O
A A U Y D G E O O R
F Z S D W R L Z L N
T U E H M E I D O E
J T L A I Z F G R D
R D N A L N I F A E
U Y F L G A G N D W
P C O M A J M T O S
X V B C V Q A K O S
A A I P P S D U I N

Can you find locations of all the TEDDY sites in the word search?

TEDDY
SWEDEN
GERMANY
FINLAND
COLORADO
WASHINGTON
FLGA (short for Florida/Georgia site)

Color a bacteria!



Homemade Play-Doh!

Ingredients

- 1 cup flour
- 1/4 cup salt
- 2 Tbsp cream of tartar
- 1 cup water
- 2 tsp food coloring
- 1 Tbsp vegetable oil



Instructions:

- Combine dry ingredients and mix in pot. Add remaining ingredients and stir constantly over medium heat. It will form a ball in the center of the pot. Remove ball and knead a few times.
- Store in an air tight container or zip lock bag.