

3-25-2015

Dear Family & Friends,

It is that time of year again! We need your help to raise money to cure Cystic Fibrosis.

Dr. Mark Kurth in the Chemistry Department at UC Davis has some very special graduate students working on exciting developments to not only cure Cystic Fibrosis but cure one of the main bacterial infections that invade the lungs of Cystic Fibrosis patients called *Pseudomonas aeruginosa*, commonly referred to as PA.

The problem with the gene Tara is affected with, called  $\Delta F508$ , is two fold. First, we must get the CFTR protein to the cell surface, with what is called a corrector. Second we must get that CFTR protein to function on the cell surface, with what is called a potentiator. The FDA recently approved a potentiator for use in patients that have a broken CFTR protein on the cell surface. Remember, Tara's protein is not only broken, there's no way for it to get to the cell surface yet. This new potentiator won't help Tara today, but maybe someday we'll have a co/po, "corrector and potentiator", to help patients like Tara with Cystic Fibrosis that have this most common gene and basic defect.

As the "Tara K. Telford Graduate Student Award" is an endowment it will generate research dollars on a yearly basis. All additions to the fund will serve to increase the annual payout. Please join us in finding a cure for Cystic Fibrosis by supporting this research at UC Davis. Our goal is to raise \$5,000 in 2015.

To support the "Tara K. Telford Graduate Student Award" please print the attached form and mail your tax deductible donation to us. We plan to turn over all the collected donations to UC Davis by July 31, 2015.

Or, you can now donate online!

Please go to: <https://give.ucdavis.edu/GRAD/150006>

From there, simply click on the "DONATE TO THIS FUND" button and your generous tax deductible donation will be directed to the proper fund.

Thank you for all your generous donations, past and present!

