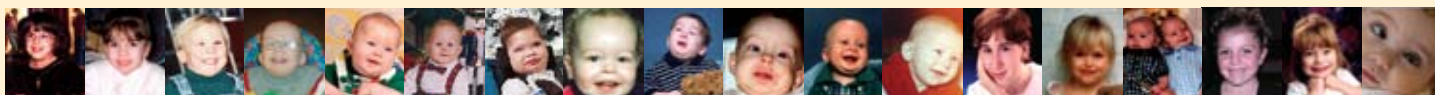


HELPING HANDS

FOR FRIENDS, FAMILY, AND SUPPORTERS OF THE CHILDREN'S GAUCHER RESEARCH FUND



Valerie Yannias Victoria Casares Gregory Austin Macres Noah Jerome Shaffer Kyle Herrel Jared Patrick Ashley Joseph DeFacci Andrew Dennis Doran Jr. James Tyler Cooper Lauren Marsh Ryan James Conklin Cameron Robert Watson Kristina C. Madeline Collin Grant & Garrett Geyer Danielle Loncharich Emma C. Pozzobon Josephine Rose Lampitt

THE ONLY THING INCURABLE IS OUR PASSION

Remembering Josephine

Our story began in early December 2008. We were scheduled to bring our then eight-month-old daughter, Josephine Rose Lampitt, to Children's Hospital of The King's Daughters (CHKD) in Norfolk. She had been seen by other doctors before for what various specialists had repeatedly described as "severe reflux," a relatively common and benign disorder that most children outgrow.

We expected our visit to include a continuation of the reflux diagnosis but also a more detailed read-out on the cause for her newer symptoms, among them poor weight gain, unusual eye movements and persistent crankiness. The weight gain issue in particular was perplexing as we had tried for months to increase Josephine's body weight with breast milk supplements, then formula, and eventually a high-calorie formula concentrate. Nevertheless, we'd been assured that there was no reason to worry.

To our horror, we soon found ourselves confronting every parent's worst nightmare: a diagnosis of an extremely rare and incurable disease that would take our infant daughter from us. The doctors explained that Josephine had a rare metabolic disease—specifically, a lysosomal storage disorder known as Gaucher (pronounced "go-shay") disease. Of the three forms of the disease, only Type I has a sustainable treatment while Types II and III have a degenerative neurological component that is untreatable and incurable. Josephine had the rarest form, Type II.

Words fall short of capturing the emotions we felt then and have felt ever since, but shock, disbelief and horror are starting points. We had no known family history of that disease nor any disease for that matter. My wife and I had above-average health. We were both college-educated and from seemingly average American families. We were financially stable with a sound marriage and strong faith. We already had one healthy son. Until that time we naively believed that this was the type



of tragedy that affected others, the proverbial "people down the street." We could not have been more wrong.

We soon found ourselves looking back fondly on Josephine's first six months when she behaved and appeared, for the most part, as a normal, healthy baby girl. She had been irritable at points, but that in itself had not alarmed us. Likewise, she had raspy breathing, but that had been attributed to the reflux. She made unusual facial expressions from time to time, but we (and her doctors) had reminded ourselves that every baby has his or her own 'isms,' quirks and silly expressions. She had made our family complete—a mom, a dad, a son and then sweet Josephine to balance the gender mix. We had all been thrilled when she was born, especially our son, who was eager to see his little sister grow up before his eyes.

Now, my wife and I were faced with how to take care of a dying child, how to ensure Josephine had the best short little life possible with the best access to doctors, the most quality time with family possible and the most comfort science and faith could offer.

We also had to consider our son's emotional and mental health through her illness and, we feared, her impending death. My wife and I put our own needs—physical, mental, emotional—largely on hold, though we remained attuned to the fact that preserving our marriage during this time of chaos would be key to giving Josephine and our son the best support.

We scoured the Web for every morsel of information we could find on Gaucher disease, Type II. We found very little. We learned of a single organization dedicated specifically to Gaucher Type II and III—the Children's Gaucher Disease Research Fund—through which we gained some insight but also fear and increased sadness. The group's Website

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(www.childrensgaucher.org) conveyed the stories of children who had already succumbed to the disease. Each child's story drilled home to us the reality of Josephine's future.

By mid-December 2008, Josephine started receiving all of her meals through a nasal-gastric tube inserted through her nose. This was the only means of increasing her caloric intake since the disease had begun to impair her ability to swallow and/or swallow without liquid entering her lungs. The lasting image in my mind of a tube protruding from our child's nose is indescribable. Moreover, the mechanical and logistical challenges of administering meals and medications through the tube only added to our physical fatigue.

On Dec. 23, Josephine had her first round of enzyme replacement therapy (ERT). The treatments, which she would need two to three times a month, helped to ease some of her non-neurological symptoms such as an enlarged spleen and liver. We undertook the lengthy, costly therapies to improve the quality of her life as no treatment can stop or even stall the neurological degeneration caused by Gaucher. By January 2009 we decided to bring Josephine to one of the world's premier institutions for medical research—the U.S. National Institutes of Health (NIH) outside of Washington, D.C. We were reminded in advance that NIH's mission is to research treatments, but that the dividends of the research process would be our (and future generations') better understanding of the disease. Clearly, our goals for Josephine had changed. We continued to hope for a miracle, but we conceded that modern science could not save our child. We sought information from researchers to help us enhance Josephine's quality of life and, ultimately, quality of death. Though our NIH doctors proved to be a tremendous resource as they interpreted a battery of tests, they couldn't predict how Josephine's specific gene mutations would manifest themselves in the coming weeks or months.

We decided we'd keep Josephine at home as much as possible, out of arm's reach of doctors who openly admitted they could not help us. This decision, in effect, removed the uncertainty over an extremely long-shot, unproven option of a bone marrow transplant in North Carolina.

An oxygen pump and pulse-oxygen monitoring machine soon arrived at our home. The monitoring device measured the oxygen level in Josephine's blood at night while she slept (and eventually during the day as her disease progressed). With increasing frequency, the device would emit a piercing alarm—indicating that her ever-weakening lungs couldn't meet her body's demands for oxygen. The alarms became so frequent that (with approval from doctors) we gradually adjusted the device's sensitivity to allow us to sleep through some of her less-serious spells. Other nights were so rough that we took shifts sleeping on her floor huddled in a blanket. Being closer to Josephine allowed us to respond more quickly with a direct, focused administration of life-saving oxygen and, equally important, a warm, reassuring hug for our sick, panicked child.

In short, we went to bed each night not knowing whether Josephine would still be with us in the morning. It was terrifying.

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Through all our hospital visits, and especially the home visits of our warm-hearted and gifted pediatric nurse, we became increasingly well-versed in terms and concepts we had never before grappled with. We learned what a palliative care expert was, and we learned the names of medicines such as Ativan (for anxiety), Robinul (an expectorant) and morphine (for pain) and the proper method for administering these potent drugs around the clock. We came to understand the nuances of a Do Not Resuscitate (DNR) order, a legal document designed to clarify to emergency responders whether to give life-saving resuscitation. On a more mundane level, we had to walk past the children's spring clothing lines at stores, knowing Josephine would likely not need new outfits. We had to stop saying “It will be OK” in response to our daughter's cries when we knew in our hearts that it would not. More disturbing, but necessary, we had to consider how, when and where Josephine might die.



In the latter half of January, Josephine's nasal-gastric tube was replaced with a tube that went directly to her stomach, giving her tender nose reprieve from the constant rubbing of the feeding tube and allowing her hands to swing more freely. Now that the feeding tube was hidden securely under her clothes, she could finally feel her face again without risk of pulling the tube out.

Due to increasingly frequent and alarming sleep disturbances, we admitted Josephine to CHKD in early February 2009 so that doctors could conduct an overnight sleep study and hopefully determine the cause. The study revealed that the disease was causing severe sleep apnea (obstructive and central) and depriving her of "active sleep," which is similar to REM in adults. [Ed.: Obstructive sleep apnea is the result of a collapsed or blocked airway while the central type is neurological, meaning the brain stops telling the body to breathe.] It was during that visit that a sleep expert noted the precious manner in which electrode-peppered Josephine caressed her mother's face. His passing comment inspired me to snap a photo. That photo tells our story; it motivates me to this day.

We had a serious scare on February 15. Whereas previous apneic episodes had occurred at night, Josephine experienced one in the middle of the day during naptime. By chance—the monitor was not set up for daytime alerts—we discovered her mid-nap, a pronounced shade of blue. We quickly administered the oxygen pump and seconds later were relieved to have her back in our arms as a smiling child. Nonetheless, we were reminded that she was living on borrowed time. We called nearby relatives for moral support and were comforted by their visit. We sent our son home with his cousins for a sleepover out of fear that Josephine would not make it through the night.

To our surprise, the night was uneventful. Josephine woke up the next morning looking and feeling great. We cut up an apple and let her taste it. This was consistent with doctors' advice to allow Josephine to enjoy one of life's most basic pleasures. As with lollipops a few days before, and decaffeinated coffee and tea before that, she lit up with excitement. Such tastes would probably excite any child, but they took on special meaning for Josephine. By this point, she was not tasting any food or liquids; her nutrients were delivered straight to her stomach via a gastrointestinal tube.

After Shutterbug Dad snapped a few photos of Josephine licking the apple, we packed her up in the car and drove to pick up her brother at our relatives' house. Since she was doing so well and we planned to return home shortly, we left her medicines and equipment at home. We had a good visit, and Josephine even had some pleasingly strong laughs and giggles as she tasted some tea from her mother's mug.

Monday, Feb. 16—President's Day, I remember—was warm enough that the older children went outside to play. My wife laid Josephine down to change her diaper, and that's when we noticed Josephine was getting short on breath. And then it happened. Despite weeks of nervous anticipation and inconsistent medical advice about how long she might live, Josephine was gone.

We had known this moment would come, and had made various preparations, but nothing could prepare us for the shock. We were allowed privacy as we said goodbye to Josephine, holding her in our arms for an



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hour or so before we made the dreaded phone calls. She escaped this world in a natural state, free from tubes and machines and hospitals and doctors. She cutely circumvented every man-made device designed to hold on to her, undermined every plan we'd made for her last days and minutes. She reminded us of those things we cannot control.

Josephine's death marked an important crossroads in our struggle. Her weight shifted from our arms and into our hearts, where it has remained. But we view her death as a turning point, not an end. This is not to say we are not still grieving. Thoughts of her fill our lives yet we feel her absence.

It had always been our dream to have a larger family of three to four children. Doctors presented various means for us to have biological children with no risk of Gaucher disease, but those options were inconsistent with our beliefs. Likewise, we knew we would not consider terminating a pregnancy if our child tested positive. After countless hours of weighing the considerations, we decided to let go and open our hearts to the possibility of conceiving again. Our conclusion rested somewhat on the realization that, had we known of the defects in our genes years ago, we might have scared ourselves out of having our healthy son and even Josephine—whose impact on the world and people who knew her will outlive even us. Some may wonder whether Josephine's short life was somehow not worth the pain, that perhaps she, too, would have preferred to not have experienced it all. We remind everyone that she experienced laughter and love from the first day until her very last. How many of us can really expect to be that fortunate?

In July 2009 we learned that we would be parents once again. Many weeks were filled with uncertainty—but surprisingly, not fear—as we awaited the results of amniocentesis tests that would reveal whether our child in utero would display Gaucher disease. We learned the results in

October and ultimately had another healthy baby boy in February 2010. As we approached the one-year anniversary of Josephine's death (or, her "Angel Day" as we like to call it), we were confronted with an overlap of conflicting emotions. We were joyful and thankful for the expected arrival of our next son, but his arrival could not "replace" Josephine, nor would we ever "move on" or "let go." She's still a part of our family. We talk about her, and to her, on a regular basis. We visit her grave as well as her still-intact bedroom to feel close to her. Photos of her are prominently displayed in our home.

We sometimes must make snap decisions as to how much to tell strangers when they innocently ask about our family, "Just two boys?", or comment, "Wouldn't it be sweet to have a little girl?" While these remarks pierce our hearts, our hard-earned Ph.D. in life and death has made us largely unfazed by what others may consider important issues

or major life stresses. We've lived through the worst hand life can deal, and we feel we can tackle anything new that comes our way. A short while back we felt utterly helpless; we feel invincible now. And that feeling of weathered strength allows us to leverage our suffering for a greater cause.

To quote Greg Macres, founder of the Children's Gaucher Disease Research Fund and father to the late Gregory Macres, lost 13 years ago to the disease:

"We can accept our pain and do nothing, or we can channel it to make the world a better place."

Ed and Claire Lampitt
Williamsburg, Virginia

This story was first published in
the Health Journal in February 2010

An Incredible 9 Months



NEW CGRF WEBSITE

www.childrensgaucher.org / www.cgrf.org

With the help of our volunteers, the CGRF has invested considerable time and effort in creating our new state-of-the-art website. Visit our new website keeping in mind the following:

1. **Donations** – can now be given via credit card on our website
2. **Subscribe** – you can subscribe to receive email notification of the latest articles pertaining to fund-raising – research progress – and recent news.
3. **Research** – publications in scientific journals resulting from CGRF funding can be accessed on the website.
4. **Scientific Conferences** – abstracts from presentations at past conferences can be accessed on the website.
5. **100% to Research** – learn in detail how we maintain this commitment.
6. **Family Stories** – all family stories are posted on the website.
7. **How You Can Help** – if you have a passion to help, on the top menu click "How To Help" and then select "Become a Champion". Here you will find examples of simple fund-raising ideas. Many are simple, easy, and will not consume your time.



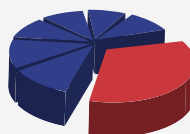
COMBINED FEDERAL CAMPAIGN

Acceptance into this selective federal government program. Search under **Children's Medical Charities of America – CFC # 76948**. See next page for more information.



CALIFORNIA, ILLINOIS AND VIRGINIA STATE CAMPAIGNS

State employees can now choose the CGRF as their charity of choice. See next page for more information.



FINANCIAL AUDIT

the CGRF passes with flying colors. See next page for more information.



BEST IN AMERICA SEAL

The CGRF has recently earned exclusive recognition with the award of the "Best In America Seal." See next page for more information.



REMEMBERING JOSEPHINE

And most important we must always remember why we are doing this. Ed and Claire Lampitt share the story of their daughter, Josephine Rose Lampitt.

COMBINED FEDERAL CAMPAIGN



The Children's Gaucher Research Fund has joined forces with the Combined Federal Campaign (CFC) for the first time in 2010 to enable federal government workers located anywhere in the world to more easily support CGRF's important work against the deadly form of neuronopathic Gaucher disease.

The CFC allows federal employees to contribute to their favorite charities, which now includes the CGRF, through automatic pay-roll deductions or one-time online giving. It is easy, it is convenient, and it makes a difference... especially since an impressive 100% of CFC funds received by the CGRF will go directly to medical research. Do you want to help? Here is something simple you can do:

1. Make an email list of everyone you know who works for the federal government.
2. Email them making them aware that the Children's Gaucher Research Fund will be listed in the Combined Federal Campaign brochure and website.
3. They should go to "Children's Medical Charities of America" and look for the "Children's Gaucher Research Fund" – CFC# 76948
4. Tell them the compelling story of the CGRF – A grassroots effort by parents who have joined hands to find a cure – a cure that could impact 26 different diseases that affect the brains in children - 100% to Research – etc.
5. Ask them to consider the CGRF if they participate in the Combined Federal Campaign.
6. Ask them to share the CGRF story with their co-workers.

The Combined Federal Campaign begins in the Fall so a simple email campaign could begin on September 1st. Keep in mind that every federal worker will recognize the "Combined Federal Campaign" – approximately 30% participate – and of those we are told that over 90% do not have a charity of choice and simply review the brochure/website and do their best to select the right charity. Last year the CFC raised over \$270 million for charity. If you could find a small amount of time to help them in their decision making process, it would be appreciated. Start with your mailman ... and then go from there.



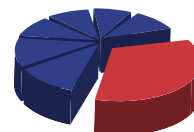
CALIFORNIA, ILLINOIS AND VIRGINIA STATE CAMPAIGNS

Like federal employees, state employees also have the opportunity to participate in State Campaigns. The CGRF is approved in the states of California, Illinois and Virginia. If you have a small amount of time, email people you know who are government workers in these states. For state workers the instructions are different than for federal workers, but still very simple:

1. In the state brochure or website go to "Independent Charities of America"
2. Find the "Children's Gaucher Research Fund"
3. Note: The CFC Number in the Combined Federal Campaign article does not apply to state workers.

FINANCIAL AUDIT

In our pursuit of acceptance by the federal government into the Combined Federal Campaign there was a requirement for a complete Financial Audit. Given that the CGRF makes an effort to minimize administrative costs we had never paid for an expensive, financial audit. We are careful with everything we do and we were confident the CGRF could endure the close scrutiny of a full financial audit. We moved forward and the CGRF passed the audit with flying colors.



BEST IN AMERICA SEAL

The CGRF has recently earned exclusive recognition with the award of the "Best In America Seal". Below is the description of this honor as represented on the Children's Charities of America website:

"The Independent Charities Seal of Excellence is awarded to the members of Independent Charities of America and Local Independent Charities of America that have, upon rigorous independent review, been able to certify, document, and demonstrate on an annual basis that

they meet the highest standards of public accountability, program effectiveness, and cost effectiveness. These standards include those required by the US Government for inclusion

"Of the 1,000,000 charities operating in the United States today ... of those, fewer than 2,000 have been awarded this Seal."

in the Combined Federal Campaign, probably the most exclusive fund drive in the world. Of the 1,000,000 charities operating in the

United States today, it is estimated that fewer than 50,000, or 5 percent, meet or exceed these standards, and, of those, fewer than 2,000 have been awarded this Seal."



ONLINE DONATIONS

can be made by visiting
www.childrensgaucher.org

OR

www.cgrf.org

All family stories can be read on the web site.

100% TO RESEARCH

You need to know:

1. The CCRF is a *legitimate* IRS approved 501 c3 non-profit organization.
2. *100% of every donation* goes to medical research.
3. We *do not* hire professional fundraising companies who keep 50% of donated funds.
4. We have talented volunteers who *donate* their time and talent for a variety of our needs.
5. All administrative costs are paid for by the *founders*.

Simply put: if you send your hard earned dollars - *It ALL goes to medical research.*

Visit our web site at:
www.childrensgaucher.org
 All family stories can be
 read on the website.

Contributions Payable To:
 Children's Gaucher Research Fund
 P.O. Box 2123
 Granite Bay, California 95746-2123



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