



## A Message From Our CEO

Since founded in 2000, Science Care has been established on public trust. Our program's foundation is our culture of respect for donors, their loved ones, our employees, and the communities that are home to our operations. We have one opportunity to honor a donor's last wishes, and we take that responsibility very seriously.

During our 19 years as a public trust program, we have witnessed the unfortunate outcomes of a few unethical individuals and organizations, who have threatened the integrity and moral perception of the entire industry. These organizations' actions are not a reflection of the industry, but a reflection of unprincipled individuals who took advantage of donors and their loved ones at an extremely difficult and vulnerable time. As the industry leader, our hearts extend to any donor family touched by this deception.

The actions of these organizations, coupled with sensationalism in the media, raises questions for donors and their families. Our goal is to be a resource to answer any questions you might have and provide you with peace of mind in your decision to donate to science.

Science Care partners with medical researchers and educators, who are changing the world for all of us. Because of this, donors who contribute to the Science Care program impact parts of our lives. To put this into perspective, if you or someone you know has ever taken a prescription medication, used a skin product, had an orthopedic implant, a minimally invasive surgery, or even been a transplant recipient, our donors have helped and continue to help train and develop these areas of medicine. I can speak for all of us when I say, our donors are the unsung heroes that live on.

As the industry leader, we are responsible for continuing to establish standards for the non-transplant tissue banking industry that protect our donors, their loved ones, our clients, and our communities. Recently, we participated in movements to mandate licensing and accreditation for non-transplant tissue

banks in Arizona, Colorado, and Florida. The Science Care team will continue to support and build regulations that improve our industry. We want you to be proud of our program, our industry, and all that we stand for.

We are fully committed to our donors, donor families, clients, and the larger industry. Thank you for your continued support of our program.

Brad O'Connell

CEO & Program Director

## Health News

### **Researchers take key step toward cancer treatments that leave healthy cells unharmed**

(Oregon State University) - Researchers have opened up a possible avenue for new cancer therapies that don't have the side effects that oftentimes accompany many current cancer treatments by identifying a protein modification that specifically supports proliferation and survival of tumor cells. [Read more...](#)

### **How some older brains decline before people realize it**

(Science Daily) - Some older adults without noticeable cognitive problems have a harder time than younger people in separating irrelevant information from what they need to know at a given time, and a new study could explain why. [Read more...](#)

### **'Stressors' in middle age linked to cognitive decline in older women**

(Johns Hopkins University) - A new analysis of data on more than 900 Baltimore adults by Johns Hopkins Medicine researchers has linked stressful life experiences among middle-aged women -- but not men -- to greater memory decline in later life. The researchers say their findings add to evidence that stress hormones play an uneven gender role in brain health and align with well-documented higher rates of Alzheimer's disease in women than men. [Read more...](#)

### **Mount Sinai researchers make immunotherapy work for treatment-resistant lymphoma**

(Mount Sinai Icahn School of Medicine) - Mount Sinai researchers have developed a way to use immunotherapy against treatment-resistant non-Hodgkin's lymphomas for the first time by combining them with stem cell transplantation, an approach that also dramatically increased the success in melanoma and lung cancer, according to a study published in Cancer Discovery in August. [Read more...](#)

### **3D printing the human heart**

(Carnegie Mellon University) - A team of researchers from Carnegie Mellon University has published a paper in Science that details a new technique allowing anyone to 3D bioprint tissue scaffolds out of collagen, the major structural protein in the human body. This first-of-its-kind method brings the field of tissue engineering one step closer to being able to 3D print a full-sized, adult human heart. [Read more...](#)

### **Blood test is highly accurate at identifying Alzheimer's before symptoms arise**

(Washington University School of Medicine) - A blood test to detect the brain changes of early Alzheimer's disease has moved one step closer to reality. Researchers from Washington University School of Medicine in St. Louis report that they can measure levels of the Alzheimer's protein amyloid beta in the blood and use such levels to predict whether the protein has accumulated in the brain. The findings represent a key step toward a blood test to diagnose people on track to develop the devastating disease before symptoms arise. [Read more...](#)

## **Stories & More**

### **Sabine Doebel: How can we make better decisions to help us live better lives?**

(NPR - TED Radio Hour) - Ever wish your brain just ... worked better? Developmental cognitive scientist Sabine Doebel explains what we can do to improve our executive function to break bad habits and create better ones. [Read more...](#)

### **Want to feel happier today? Try talking to a stranger**

(NPR – Health) - The mood boost of talking to strangers may seem fleeting, but the research on well-being, scientists say, suggests that a happy life is made up of a high frequency of positive events. Even small positive experiences — chatting with a stranger in an elevator — can make a difference. [Read more...](#)

**Remember When "50 Years Ago" August 1969**



- Topping the Billboard Music Charts in August 1969 was “In the Year 2525” by Zager & Evans and topping the Country Charts was “All I Have To Offer You (Is Me)” by Charley Pride.
- The Woodstock Festival began as an estimated 200,000 people arrived at the dairy farm of Max Yasgur in Sullivan County, New York, near the town of Bethel in the Catskill Mountains.
- Richard Nixon became the first incumbent U.S. president to visit the capital of a Communist nation, arriving in Bucharest, Romania, as the guest of Romanian President Nicolae Ceaușescu.
- The 2.1 miles (3.4 km) long Coronado Bridge over San Diego Bay, high enough 244 feet (74 m) to allow U.S. Navy ships to travel beneath it, was opened to traffic.
- In Paris, U.S. National Security Adviser Henry Kissinger secretly met with North Vietnam's former Foreign Minister, Xuan Thuy, to discuss a means of settling the Vietnam War at the Paris Peace Talks.
- Three American servicemen were released by North Vietnam from captivity after being held as prisoners of war.
- The Beatles had their iconic photograph taken of their crossing of London's Abbey Road, as the cover for their record album of the same name.
- The U.S. Federal Trade Commission (FTC) voted to issue the first regulations to control "giveaway" games of chance that had been used in promotions by supermarket and gasoline station chains since 1964.
- Long John Silver's, an American fast-food restaurant chain specializing in seafood, opened its first store in Lexington, Kentucky. The chain would have more than 1,000 franchises within its first fifty years.
- The Gap, a clothing store chain which would have almost 4,000 outlets within its first fifty years, began business as real estate developer Donald Fisher and his wife Doris F. Fisher opened their first store located in San Francisco.
- Rocky Marciano, the only undefeated world heavyweight boxing champion in history, was killed in the crash of a Cessna 172 airplane that was taking him from Chicago to Des Moines.

## Recent Medical Projects

### Science Care Donor Contributions to the Medical Community

Every day, Science Care donors are making contributions towards the advancement of medicine. Here are a few recent contributions you might want to know about.

#### Recent Projects

- Amyotrophic lateral sclerosis or ALS - ALS is defined by the degeneration of discrete cell types in the brain and spinal cord, one medical university research team is applying methods to isolate the afflicted cells in tissue from human patients which could significantly advance our understanding of the pathological mechanisms. There is still no cure and no effective treatment to stop its progression in affected individuals.
- A medical device company is involved with surgical training of physicians who specialize in treating cervical spine injuries and deformities. This surgical procedure implements a minimally invasive pedicle screw system that uses small incisions, minimizes muscle trauma and blood loss, and enables percutaneous placement of polyaxial screws. This spinal fixation system is approved for single and multisegmental posterior instrumentation to treat degenerative disc disease, spinal stenosis, spondylolisthesis, spinal deformities, spinal fractures, pseudoarthrosis, and post tumor resections. It is hoped that through this type of cervical spine fixation training, doctors specializing in the treatment of spine disorders will be able to provide improved patient care leading to shorter recovery and rehabilitation time with reduced patient pain levels.

Share this web-page and guide with friends and family. It gives a great overview and comparison on the various end of life options for anyone who has yet to make plans or have the end of life discussion.

[A Comparison Guide: Burial, Cremations and Donation](#)

Not a Member of the Science Care Donor Registry yet?

Click on the button below to join or give us a call!

800 417 - 3747

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