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### Looking for a miracle

Two young men help spread the wave after both parents are diagnosed with cancer.

### A very special wedding gift

A young Missouri couple donates to KCRF on behalf of their guests and keep spreading the wave long after their honeymoon.

The MISSION of the Kanzius Cancer Research Foundation is to create national and global awareness of the potentials of the Kanzius Non-invasive Radio Wave Cancer Treatment and to raise funds to help accelerate the speed at which research progresses to human trials.

## Kanzius Device Kills Pancreatic Cancer Cells!

Nearly 1.5 million Americans will be diagnosed with cancer this year.\* For every life touched by cancer and for our friends, families, and relatives who have fought the disease and battled the agonizing side effects of cancer treatments, Kanzius Cancer Research Foundation is working hard to prove that John Kanzius was correct: "There has to be a better way."

Recently, there have been new updates on cancer treatment research using the Kanzius radio wave machine—in particular with pancreatic and liver cancers, some of the most difficult cancers to treat.



Dr. Steven Curley

Dr. Steven Curley, a pioneer researcher and nationally recognized oncology surgeon at The University of Texas MD Anderson Cancer Center, has used the Kanzius radio wave machine in many

of his studies. Dr. Curley's studies suggest that John's radio frequency field device with the use of nanoparticles (injectable microscopic metal particles) could possibly be an effective cancer treatment. He has also found that this technique is able to kill cancer cells without damaging non-cancerous cells. These nanoparticles are so small and targeted that they can be absorbed directly into the tumor, attach to the cancer cells and can then be heated

by the radio wave machine, killing the cancer cells instantly.

In early tests on small animals, researchers have been able to treat pancreatic and liver cancers very successfully with no damaging effects or toxicities to the surrounding cells. They've been able to show control of the cancers without producing illness, side effects or damage to the animals. Three new manuscripts were recently published validating Dr. Curley's work:

- Published July 2010 in **Cancer**: Radiofrequency field-induced thermal cytotoxicity in cancer cells treated with fluorescent nanoparticles. This paper shows that nanoparticles kill only cancer cells they are targeted to, and shows that nanoparticles can be used both to diagnose cancer using lasers or CT scans and then killed with the Kanzius RF device.
- Published August 2010 in **Surgery**: Bioengineered arginase I increases caspase-3 expression of hepatocellular and pancreatic carcinoma cells despite induction of arginosuccinate synthetase. This paper shows increased sensitization of cancer cells when deprived of the nutrient arginine. This makes the cells more susceptible to heat damage.
- Published August 2010 in **Surgery**: Pancreatic carcinoma cells are susceptible to non-invasive radiofrequency fields after treatment with targeted gold nanoparticles. Further work showing that human pancreatic cancer cells can be killed with targeted gold nanoparticles and the Kanzius RF field.

\*Statistics provided by the US National Cancer Institute's Surveillance Epidemiology and End Results (SEER) database

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# Kanzius Device Kills Pancreatic Cancer Cells

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The complete versions of Dr. Curley's papers can be found on [www.Kanzius.org](http://www.Kanzius.org). With the publication of each manuscript, the Kanzius Non-invasive Radio Wave Cancer Treatment takes a giant step toward human trials.

Dr. Curley also has been working closely with a manufacturing/engineering firm (Industrial Sales and Manufacturing) in Erie, Pa. to create a larger radio wave device. Once complete, this machine will allow researchers to start testing larger subjects and conduct feasibility studies to demonstrate the lack of side effects that go along with the treatment. These research findings will then be used to approach the FDA in order to get approval for human trials. Ultimately, it is hoped that these advances will lead to the treatment of patients.



Dr. David Geller

Another esteemed medical researcher, Dr. David Geller, has received a two-year grant from Kanzius Cancer Research Foundation. Dr. Geller met John Kanzius for dinner in Cranberry, Pa., in July 2004, and started conducting research with the first prototype of his non-invasive radio wave machine later that year. The grant will allow Dr. Geller to test the Kanzius radio wave machine's ability to destroy inoperable liver tumors, and study how the cancer cells are destroyed using this radio wave.

Dr. Geller and his research team at the UPMC Liver Cancer Center have previously worked with gold nanoparticles to destroy cancer cells. Using this grant, Dr. Geller will further study how these cells are destroyed, and hopefully develop antibody-labeled gold nanoparticles for selective targeting of cancer cells found in the liver.

The Kanzius Cancer Research Foundation, through donations, is able to fund these outstanding researchers, and we believe through research using the Kanzius radio wave machine there will be a better treatment for cancer.

**From the Executive Director Mark A. Neidig**  
[MNeidig@KanziusCancerResearch.org](mailto:MNeidig@KanziusCancerResearch.org)

I never want to be so busy that I fail to smell the roses. As you can tell from the pace of this newsletter, the KCRF is moving forward at a tremendous rate. Due to our growth, we had to move into a larger office space. Many thanks to our landlord and Kanzius volunteer, Donna Haskins of Palace Business Centre, who provided KCRF a virtual office before I even arrived. The new space is located at the Erie Technology Incubator; a venue where our staff is now all housed

## Calendar of Events

**Saturday, Sept. 11, 2010**

**Knott's Soak City Desert**

**Duckie Derby**

Palm Springs, Calif.

Contact: Wesley Cole

[wesley@wesleysaidso.com](mailto:wesley@wesleysaidso.com)

**Saturday, Sept. 11, 2010**

**Erie Heritage Festival**

Liberty Park, Erie, Pa.

Contact: Cory Vaillancourt

(912) 508-5640

**Thursday, Sept. 16, 2010**

**Third Annual Lilly Broadcasting**

**"Community for Kanzius" Telethon**

Donate online beginning

Sept. 10 at [KanziusCancerResearch.org](http://KanziusCancerResearch.org)

Contact: Katie Keenan, [KKeenan@wicu12.com](mailto:KKeenan@wicu12.com)

(814) 454-5201

**Saturday, Sept. 18, 2010 Golf Fore Life.**

**The Second Dennis Rohde Memorial Golf Outing**

Crescent Farms Golf Course, Fenton, Mo.

Contact: John Bujnak, (636) 579-0935

[www.golfdigestplanner.com/15285-GolfForeLife](http://www.golfdigestplanner.com/15285-GolfForeLife)

or [jb@bujnak.com](mailto:jb@bujnak.com)

**Saturday, Sept. 18, 2010**

**Benefit in Memory of Harris S. Publicover, III**

St. Peter's Cathedral, Erie, Pa.

Contact: Loretta Publicover-Sutton, [publicover1@aol.com](mailto:publicover1@aol.com)

(814) 881-6016

**Saturday, Oct. 2, 2010 Rock for Research - Molten Metal Productions**

Erie Clowns Hall, 512 Kelso Dr., Erie, Pa.

Contact: Mark Poraczky, (814) 490-8651

**Friday, Oct. 8, 2010 WTCA Radio-thon**

Plymouth, Ind.

Contact Kathy Bottorf, (574) 936-4096 or

[wtca@am1050.com](mailto:wtca@am1050.com)

**Saturday, Oct. 9, 2010 Sunflower Club Gun Raffle**

Rainbow Gardens, Erie Pa.

Contact: Tom Walsh, (814) 882-3388



in one large office and we can utilize university interns and glean from the expertise of international developers. The move is on the cusp of the 3rd Annual Lilly Broadcasting "Community for Kanzius" telethon; this year broadcasted in the Caribbean as well as livestream on the web. The progress has enabled stellar outcomes in the lab, which means great things to cancer patients and their families. Keep spreading the wave!

# Faces of the Fight

## Looking for a Miracle

Greg MacDonald, entering his sophomore year in aerospace engineering at Syracuse University, was looking for a miracle when he first read about the Kanzius Non-invasive Radio Wave Cancer Treatment online. In his words, "From the moment I heard about the Kanzius project...when it was nothing more than a viral video of the wave machine, I have been an avid follower of John Kanzius and his work...now his legacy. He inspired hope in me at a hopeless time in my life and continues to do so, because I truly believe that in the Kanzius machine lies the solution to cancer."

Greg and his brother Andrew, a high school senior in Hanover, Mass., along with siblings Jeffrey and Gretchen, know all too well what cancer does to a family.

When Greg was a high school freshman, his mother, Beth, was stricken with Leiomyosarcoma, a very rare soft tissue cancer that is difficult to treat, and which requires surgery, chemo and radiation. Despite the serious

illness of their mother, Greg and Andrew were encouraged to experience all the activities of high school.

The boys suffered another blow when their dad, Bruce, was diagnosed with Nasopharyngeal Carcinoma in 2009. Fortunately, Bruce responded well to head and neck radiation as well as chemo, and is now cancer free. Beth is still undergoing treatment following her sixth major surgery in August after undergoing seven different systemic chemotherapy treatments.

When they became aware of the Pepsi Refresh Everything Project, the boys went into action. Greg established a Facebook page "Cure Cancer With Just One Mouse Click," running it from his Syracuse dorm. He spent hours encouraging friends to vote. When he became ill with mono only a week after he established the site, Andrew took over and together they gathered over 600 Facebook



Andrew and  
Greg MacDonald

followers, leading to hundreds of votes each day for the Kanzius Foundation.

Greg and Andrew MacDonald follow the research and support the Kanzius Foundation in its effort to make the dream of a cancer cure a reality.



...and speaking of the Pepsi Refresh Project — KCRF had America's most refreshing idea in April — "developing a treatment for cancer without side effects." This continues to gain substantial ground thanks to the Pepsi grant of \$250,000. First, a project manager, Cory Vaillancourt, was brought on board to oversee the initiative. To date:

- KCRF has contracted with a Boston-based PR agency, The CHT Group, to promote the Kanzius story and research progress through traditional and electronic media sources.
- Mobile Matters, a New York City-based mobile strategy firm specializing in text2give and mobile messaging for nonprofits, came on board to attract new donations and followers.
- KCRF "Spread the Wave" at the NEA Conference in New Orleans, the HAM-COM Convention in Dallas and the Kiwanis International Convention in Las Vegas.
- Meetings on Capitol Hill are being planned and new volunteer opportunities are being created for mass participation.

Thank you to everyone who voted...your dedication and hard work are making all of this possible!

## MARIANNE KANZIUS



*As I read this newsletter with you, I am overwhelmed by the number of hands, hearts and minds that have joined the effort to make John's dream of a cancer treatment without side effects become a reality. The researchers in Houston and Pittsburgh, the grassroots fundraisers around the country, the thousands who voted in the Pepsi Refresh Everything challenge, the volunteers and donors at every level...thanks to you we are closer than ever to seeing that first patient treated with the Non-invasive Radio Wave Cancer Treatment. John's talent, persistence, and hope for a better future is renewed each day by your dedication and hard work.*

*Thank you so much,  
Marianne Kanzius*



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## A Very Special Wedding Gift

Lance and Jen Korsun, from Saint Charles, Mo., were devastated after losing five family members to cancer. The young couple was determined to stand up to this deadly disease and do something before cancer claimed another innocent victim.

Lance and Jen decided that instead of buying trinkets and gifts for their wedding, they would donate money to a cancer foundation on behalf of their wedding guests. All they needed was to find an organization that they could stand behind and believe in. After viewing the *60 Minutes* news coverage of John Kanzius and the Kanzius Cancer Research Foundation, the Korsuns knew they had found their organization.

The couple made that initial donation, but they didn't stop there. They decided to start a nonprofit organization to raise money to help the efforts of finding a treatment that can eliminate cancer. Lance and Jen designed and ordered wristbands reading,

"FIGHT4CANCER" on them, and sold them for a dollar.

Although Lance and Jen live busy lives, they volunteer as much time as they can to support KCRF. They attend many events, spreading the wave selling wristbands. Lance is also a DJ on the weekends, and he hosts special event parties to raise money. They do all of this simply because they believe that one day there will be a cure for cancer, and they want to help make that day come as soon as possible.



**Jen and  
Lance Korsun**

To learn more about Fight4Cancer, visit [www.KanziusCancerResearch.org](http://www.KanziusCancerResearch.org).

*Do you have a great idea for a grassroots fundraiser to help support the Kanzius Foundation? Use the supplied envelope or visit our website and tell us all about it.*