

...Continued from page 2

To help science get to that point, Enkemann and his Moffitt colleagues use something called microarray technology to analyze tumors.

Microarray technology packs more than 1,300,000 tests into a square that measures one-half inch by one-half inch, which Enkemann likened to a tiny crossword puzzle with more than a million squares. Each tiny square can measure the amount of a specific nucleic acid found in a tumor cell, providing lots of information about the tumor.

One area they look at involves deoxyribonucleic acid, or DNA, the material that transfers genetic characteristics in all forms of life.

"Cancer arises because of mutations and other types of genetic instability. We can look at the DNA from a tumor cell and document much of the genetic defects that are unique to the tumor," Enkemann said. "We can document the difference between cells in the tumor and normal cells in the rest of the body.

"We can also classify the tumor based on those differences. One day we hope to use those differences to select the proper drug to treat the cancer."

The power of this technology, he said, "is that we can begin to treat a tumor based on the properties of the tumor rather than where the tumor was found."

Bewildered? Get un-confused at the next Moffitt Pinellas Partners luncheon on April 9 at Island Way Grill, where Steven Enkemann will talk about the Microarray Core Lab's work. Please see the Upcoming Events in this newsletter for more information.

MAKE MAY MOFFITT MONTH

Cancer does not discriminate. One out of every four of us will be diagnosed with some form of it unless we strike it first. With that in mind, the Moffitt Cancer Center Foundation established **Make May Moffitt Month** to demonstrate how the Tampa Bay community can bring an end to cancer by working together.

An exciting, month-long endeavor, **Make May Moffitt Month** was designed with corporations in mind. Corporations reach countless people who may not realize their risks for developing cancer. In May, local companies are invited to partner with Moffitt to raise funds for cancer research and educate their employees and customers about cancer and the fact that cutting-edge technology and world-renowned researchers and clinicians are just minutes away at Moffitt Cancer Center.

Become a partner in **Make May Moffitt Month** and watch how your participation transforms lives. Help us celebrate our mission – *to contribute to the prevention and cure of cancer.*

For more information about **Make May Moffitt Month**, please contact Leana Lopez at the Foundation: (813) 745-1317.



Mission Statement

To contribute to the prevention and cure of cancer through education and outreach in an effort to support the work of the physicians and scientists working to cure this terrible disease that has touched all of our lives in one way or another.

Upcoming Events

- **MOFFITT PINELLAS PARTNERS LUNCHEON**
Island Way Grill
April 9, Noon - 1:00 P.M. With keynote speakers. To hear about groundbreaking research at Moffitt
RSVP Jackie 727-451-6136
- **MAGNOLIA BALL Annual Black-Tie Fundraising Gala**
May 3
For more information, contact Kathy Werner at 813-745-1340.
- **MILES FOR MOFFITT**
May 10
To register visit:
www.milesformoffitt.com
- **CURE ON WHEELS**
May 31 - June 1
Cure On Wheels will take to the scenic roadways of Pasco and Hernando counties The first annual Cure on Wheels is modeled after the Pan Mass Challenge, which just raised \$33 million for cancer research. Riders of all biking levels are invited to register now for this challenging and rewarding experience. You'll be glad you did. For more information go to: www.cureonwheels.org



Pinellas Partners

GET CONNECTED - STAY CONNECTED ... Here's Your Chance

Welcome to the Pinellas Partners April/May Newsletter! Some very successful fundraising and awareness events have taken place since our last newsletter with more to come.

We've scheduled our next Pinellas Partners informative luncheon for April 9 at the beautiful Island Way Grill near Clearwater Beach (see Upcoming Events for more information). Two of Moffitt Cancer Center's top researchers will be speaking about the most innovative research going on right here in Tampa Bay. It really is the best way to stay informed and connected to one of the top cancer research institutes in the country. Join us and your Pinellas County neighbors for this meaningful program. We look forward to seeing you there.

So many of our family, friends and neighbors continue to fight this terrible disease and are winning with each day. With others, their battles may be lost, but not in vain. Their strength will never be forgotten. They've endured appointments, tests, prescriptions, and pain, but they always had hope. We thank them for sharing that hope with us.

With every trial, every new treatment, and every great nurse and doctor, there is new hope. Thank you to Moffitt and everyone who has given to the cause of the prevention and cure of cancer.

You are the reason for that hope. We remember those we have lost and will continue this fight.

See you April 9!

Marsha P. Droste
Co-chair, Moffitt Pinellas Partners
marshadroste@moffittpinellaspartners.com



Team Pinellas Partners at the first annual Bowling "Ball" at Splitsville

Steering Committee Members

- Scott Andringa
- Brian Aungst
- Rob Bauer
- Ernestine Bean
- Beverly Billiris
- Bruce Bokor
- Joe Burdette
- Gary Conners
- William Crown
- Jodie Cunningham
- Edward Droste
- Marsha Droste
- Holly Duncan
- Ron & Ann Duncan
- Jackie Edgington
- Larry Feder
- Fred Fisher
- Doug Graska
- Lucy Grinnell
- Bob "Gator" Handley
- Lindsay Hardee
- Mary Harvey
- Judy Mitchell
- Pam Muma
- Bob Passwaters
- Ron Petrini
- David Ruppel
- Leslie Schipani-Anderson
- Karen Seel
- Covington Sharp
- Gary Skinner
- Laverne Smith
- Jack Spangler
- Richard Spayde
- Susan Stern
- Bill Swisher
- Dan Walker



Wednesday, April 9 - Noon - 1:00 P.M.

Keynote Speakers

Shari Pilon-Thomas, Ph.D., *Research Scientist/Translational Research*
 Steven Enkemann, Ph.D., *Senior Microarray Core Staff Scientist*

Island Way Grill

Island Estates, Clearwater Beach

\$100 limited seating

*Proceeds to benefit cancer research at the
 H. Lee Moffitt Cancer Center & Research Institute*

RSVP (727) 451-6136

www.moffittpinellaspartners.com

GET CONNECTED - STAY CONNECTED

*Our dear friend
 Dick Beagles
 recently lost his
 fight with cancer.*

*On many
 occasions, Dick
 spoke out about
 his love for
 Moffitt and his
 desire to help find
 a cure. We thank
 him so much for
 helping others
 gain the strength
 and hope they so
 desperately
 needed. We will
 continue in
 remembrance
 of him.*

**STEVEN ENKEMANN, PH.D.,
 MICROARRAY TECHNOLOGY - A TINY CROSSWORD PUZZLE**

By Bill Swisher



Steven Enkemann, PH.D.
 Senior Microarray
 Core Staff Scientist

If Steven Enkemann's research is successful, cancer treatment facilities might someday be organized according to the type of tumor a patient has, rather than where it turns up in the body.

That's important, because it may lead to a more efficient way to treat certain types of cancer.

Enkemann, who

will be a featured speaker at Moffitt Pinellas Partners' next luncheon, is director of the Microarray Core Lab at Moffitt Cancer Center.

He compared possible future cancer treatment to "what doctors do today if you have a bacterial infection: They take a sample and send it to the lab. The lab determines what antibiotic the bacteria are

sensitive to, and the doctor writes a prescription for that antibiotic," he said.

"We hope to get to a point where we can do something similar with tumors -- where your physician says, not 'you have colon cancer,' but 'you have this particular type of tumor' and treats it accordingly," Enkemann said.

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FIRST ANNUAL BOWLING "BALL" A BIG HIT

By Mary Harvey, Co-chair

Almost 300 enthusiastic revelers showed up to support the first annual Bowling "Ball" at Splitsville in Tampa on February 21. This fun-filled evening was sponsored by



*Bowling "Ball" Committee Chairs
 Left to right: Jack Harris, Wendy Pepe,
 Ed Droste, Guy Revelle, Mark Gibson*

the Moffitt Corporate Partners Program to benefit prostate cancer research at Moffitt.

Twenty-four corporate teams competed for trophies and prizes while their friends and co-workers, lovingly referred to as "Pin Heads" cheered them on. In addition to the corporate team sponsors, seven generous organizations signed up as lane sponsors. In all, the event raised more than \$15,000 for prostate cancer research.

The leaders on

the scoreboard were Skanska in first place, New York Life in second place and the Tampa Bay Rays finishing a strong third. Our Moffitt Pinellas Partners team surely

would have won first place for "Most Enthusiastic and Most Spirited" if that

category had existed. The spirit of fun

and competition was surpassed only by the generosity of the donors and sponsors of the event. A special thanks to the owners of Splitsville for generously letting the Moffitt Corporate Partners take over the entire venue for the evening. We couldn't have events

like this without the generosity of them and all the other people who graciously support Moffitt research.

Thank you to everyone who participated in this fun event. Next year: Game on, Lags!

--Team Droste
 (Mary Harvey, head cheerleader)



Courtney Dempsey and Marsha Droste

For more fun photos from this event, please visit us at: www.MoffittPinellasPartners.com



*David "Lags" Lageschulte
 with his team "Beat Droste"*

Through Pinellas Partners, we strive to provide education to our neighbors here in Pinellas County about the treatments and advancements in research taking place in the Tampa Bay area. Moffitt has created amazing partnerships with hospitals across the country, including Morton Plant/Mease.