

# The Riel Family Newsletter

Catch the News June, 2008 RFNL 208

## Craig and Ana Wedding, May 31, 2008

On a picture perfect day a large group of family and friends gathered in beautiful Balboa Park, in front of the Marston House, in order to celebrate the wedding of Craig Hartman and Ana Arboleda. The ceremony was conducted by Dr. Bob Gillingham, Craig's uncle, who had made the necessary arrangements to legally perform the ceremony. In addition to comments by Bob several family and friends also spoke about the Bride and Groom. After the vows had been pledged the entire party reconvened at the nearby Spanish Village Art Center, for an afternoon/evening of celebrating. Drinks were served, along with snacks.

After much socializing, a delicious buffet dinner was served. The rest of the evening was spent dancing and celebrating. It was a great wedding, and we join the entire family in wishing the best possible future for Craig and Ana. We took lots of pictures, and print a few of the better ones.

*craig* *ana*

*Salad*  
Mixed Greens with Dried Cranberries and Walnuts  
Crumbled Feta optional

*Buffet*  
Choice of:  
*Stuffed Portobello Mushroom*  
Stuffed with vegetables, tofu, and tomato sauce  
Served with red potatoes and vegetables

*Penne Pesto*  
Fresh penne noodles tossed with mixed vegetables and basil pesto sauce (cheese)

*Cake*  
Chocolate cake with raspberry and white chocolate filling  
Lemon Poppysseed cake with lemon mousse  
Passion vanilla cake with apricot filling (vegan)



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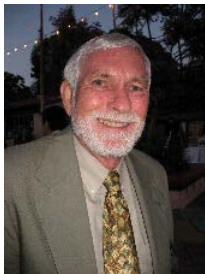
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## Mehan Celebrated for Education Research and Outreach

Sociology professor Hugh "Bud" Mehan, director of CREATE, was honored March 26 by the American Educational Research Association (AERA). Cited for work and a career that "have been and continue to be a guiding beacon of excellence in research, scholarship and teaching," as well as for "brilliance and insightfulness" in "translation of research into practice," among other qualities, Mehan was the recipient of the 2008 Lifetime Achievement Award presented by Division G. AERA is the largest scientific association that specializes in the study of education, and its Division G specializes in the study of the social context of education



they came by. Next year we hope to see all of our contestants, and get more pictures. We certainly congratulate all of the family and friends for their successful participation in this tough competition.

## JJ wins sports letter in badminton at Cathedral Catholic HS

Recently we were invited by Richard and Liz to enjoy an awards dinner at JJ's school. In addition to celebrating JJ's award we also enjoyed a slightly early Father's Day celebration. A great buffet dinner was served, and afterwards the coaches presented the awards to the team members. A

good turnout of family and friends witnessed the presentation, and all had a great time. We congratulate JJ and thank Richard, Liz, and



JJ for inviting us to share the evening.

## Family well represented in Rock and Roll Marathon

Sunday, June 1<sup>st</sup> was the big day for almost 20,000 dedicated runners who challenged the 26 mile course starting near Balboa Park and ending near Pacific Highway, at the MCRD Base. A total of eight entries included four family members and four family friends. The Family members were lead by Listy, followed by Carol, her son Jason, Jason's girlfriend Hava, and Ed. Family friends also included Doug and Kym



Farkas, Listy's running partners, and Miguel, Jessica's friend.

All of our members finished the race. However, Carol developed a knee problem near the end, and had to limp over the finish line. A trip to the doctor resulted in crutches for a week,

after which she got the bad news that the knee would not heal by itself, and minor surgery would be required.

As usual, Grandpa stationed himself on Friars Road near the midpoint, to get some pictures, as follows.



We either missed the other runners, or had to leave before

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## Tin Can Roller Derby at Encanto School

A few weeks ago Carol and Jeff contacted us for help with a science project going on at Carol's school. The project was to build a tin can roller, which is just a rubber band propelled device made from a tin can. The rubber band is stretched across the width of the can, and wound up with a stick at one end. When the rubber band is wound up and the can placed on the floor the stick cannot unwind, so the can does, thus propelling it along the floor. Carol recalled that a year or so ago we helped Brian on a similar project, and the rolling can approach was very successful.

Carols team and their can are shown in the following picture,



and they finished a strong second in the time trials. It was a fun project, and the 5<sup>th</sup> grade kids learned a lot about science.

## Grandma and Grandpa opt for green transportation vehicles

You are all aware of not only the high cost of gasoline but also the impact on the release of CO<sub>2</sub> from internal combustion engines in autos. What you may not know is that the efficiency of conversion of heat energy (from burning gasoline, for example) to mechanical energy (propelling you car) is defined by a simple equation,  $(T_2 - T_1) / T_2 \times 100$ . ( $T_2$  is the unexpanded hot gas temperature and  $T_1$  is the exhaust gas temperature. The temperature units are expressed in the absolute scale, that is, zero is -273 degrees centigrade. Thus, the internal combustion engine is limited to about 30 to 40 %

efficiency. The rest of the energy is lost in the hot exhaust gases. Of course, there are other efficiency losses due to friction from bearings, brakes, gears, tires, etc. At high auto speeds air friction becomes a major loss in efficiency. Personally, we think a



55mph speed limit is long overdue.

Unlike heat engines, electric engines can operate at close to 100% efficiency, the only limitation being frictional losses associated with bearings, gears, wheels, etc. Of course, electricity generated by coal or natural gas is limited to the same heat engine efficiency restriction. This is why hydroelectric, wind, fuel cell, and photo cell devices are important, since they can operate at nearly one hundred percent efficiency. (Thus ends your physical chemistry lesson for this month.)

There are several reasons why we decided to buy two of the vehicles shown in the picture. We intend to use them for short trips we make so frequently. The car usage thus will be reduced accordingly. Also, we recognize that as we further age our safe driving ability may be diminished or

lost. At that time we do not want to be locked in to our home, or become a transportation burden on the Family. The scooters we are buying have a range of up to 25 miles. Fortunately, we live in an area where just about everything we need is within a radius of less than three miles, with sidewalk access mostly available. Finally, Grandma is delighted with the idea that she can take off at any time



for a Fashion Valley shopping spree. We hope we have made a good decision, and we intend to make good use of our scooters.