

## **JOSÉE RANGER-LACROIX (CONT')**

### **Family:**

My husband Mario and I have been married 24 years, and we are hoping to make it to our 25<sup>th</sup>, since we would like to go to Europe for our anniversary. We have two children: Marika, 14, and Simon, 17.

### **Pets:**

We have a cat, Jasmine. My daughter asks for a dog every Christmas (I might consider it this year).

### **Sports/hobbies:**

My hobbies include reading, interior design and music. I enjoy golf, skating and downhill skiing when I have time.

### **Favorite foods:**

The whole family enjoys raclette (mixed grills and cheese) and seafood, especially shrimp and lobster.

### **Life:**

Right now my weekends are spent traveling to my kids' hockey games. My 17-year-old son plays junior major hockey, and we often drive 6.5 hours to see his games (and we attend almost every one of them). My daughter also plays hockey and indoor soccer, so an ideal weekend is when we can enjoy all of their activities without any conflicting schedules. This hectic schedule also makes us appreciate a quiet weekend with friends and family, a good meal and a good movie even more.

I have tried a few different things in my career. After 18 years with Bell Canada in human resources and marketing, I went back to school to become an elementary school teacher. I think what I enjoy the most about teaching is learning new things and the contact with the students. I find it stimulating and challenging. If I were not a SAS instructor, I would probably go back to teaching kids or, who knows, to being an interior decorator.

When I'm not programming in SAS, I love to read – mostly psychological thrillers. I also enjoy any types of movies and almost any style of music. I am also a big Ottawa Sens and Montreal Canadiens fan. I also like to provide advice, when requested by my friends, on decorating ideas, and I often go shopping with them to find the right accessories.

### **Techie Tips:**

One thing every SAS programmer should know (a techie tip – this could be at any level – e.g., a simple programming tip, something new you've learned lately, macros, whatever you think may be helpful for other SAS users) ...

Like one of my co-workers always says, there is nothing you can do in SQL that cannot be done in a DATA step (and more easily). So this is a programming tip for beginners using the IN data set option to get inner and outer joins.

Let's say you want to merge two files containing employee information: EMPLOYEE\_2005 and EMPLOYEE\_2006. Let's say they contain salary and job code information, and you want to see who has left or compare annual salaries and positions for the two years.

```
DATA ALL;  
MERGE EMPLOYEE_2005(IN=IN_2005)  
      EMPLOYEE_2006(IN=IN_2006);  
BY EMPLOYEE_ID;  
RUN;
```

You can add the following code for the different joins:

IF IN_2005 AND IN_2006;	→ will give you the intersection
IF IN_2005 OR IN_2006;	→ will give you the union
IF IN_2005;	→ will give you a left join
IF IN_2006;	→ will give you a right join
IF IN_2005 AND NOT IN_2006	→ will give you left - right
IF IN_2006 AND NOT IN_2005	→ will give you right - left