

Marin Science Seminar presents

**Taking Physics, Chemistry or AP Bio?**  
Come check out  
**X-Rays Don't *Really* Give you  
Superpowers..**

(How Cells Fix DNA Breaks)  
with Professor David Toczyski of UCSF



A one-hour multimedia presentation for Teens in Marin

Wednesday, February 9<sup>th</sup>, 2011

7:30 – 8:30 pm

Terra Linda High School, Room 207  
320 Albion Way, San Rafael, CA 94903

**Getting a tan? Having a smoke? Getting an X-ray?** All of these things cause damage to your DNA. Your DNA is damaged all the time as the result of normal physiology. **Fortunately, humans have evolved many mechanisms to repair this DNA damage.** But, before a cell can repair DNA damage, such as a broken chromosome, it has to know that the chromosome has been broken in the first place. **How do cells do this?**

*Dr. Toczyski is a Professor of Biochemistry and Biophysics and the Director of the Cell Cycle Regulation Program at the University of California, San Francisco.*

**Join Us and Learn! ☺**

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