"Strength does not come from physical capacity. It comes from an indomitable will."

~ Gandhi

MathCats Announcements and Reminders

- The next MathCats meeting is today **September 24th** in **Math 501** at **6pm**. This is a VERY important meeting for all members to attend! We will be collecting dues, and making major announcements that will be extremely beneficial to all members of the club! Again there will be **FREE PIZZA!!!**

MathCats Upcoming Events

- Tomorrow, **September 25th at 5:30 PM in Math 501** Sasha Jilkinewill give a presentation through the UTA program titled: "Mathematics of Evolution and the Waiting Time for Cancer". This is a very interesting topic and all MathCats are encouraged to attend! (**Worth 2 points!**)

Get To Know Your UA Math Department:



Dr. William Vélez

Math Department:
Associate Head for Undergraduate Affairs

Director of the Math Center

"I was born in Tucson, Arizona and grew up in the nurturing embrace of the Spanish-speaking part of town. My parents were both born in Mexico, in the state of Sonora. Education was heavily emphasized in our home: My mother worked three jobs in order to send us to Catholic schools, through high school. All of my brothers earned their degrees from The University of Arizona and our career paths, though much different, have focused on educating the community.

Get To Know Your UA Math Department: (Cont.)

I earned all of my degrees from The University of Arizona, completing my doctoral degree in mathematics in 1975. Between undergraduate and graduate school, from 1968-1970, I served aboard the aircraft carriers, USS Yortown and USS Kearsarge in the US Navy. I made two tours to Vietnam while on board these two ships. My research interests have been in number theory and algebra. My first position after completing my doctoral studies was as a member of the technical staff at Sandia National Laboratories in Albuquerque, NM, where I worked on the Command and Control of Atomic Weapons systems. In 1977, I returned to academia and accepted a position at the University of Arizona. I currently hold the rank of Professor of Mathematics and University Distinguished Professor. I have always been interested in the ways that mathematics is applied and for four summers, beginning in the late 1980s, I worked at the Naval Ocean Systems Center in San Diego, CA, where I worked on communication systems for submarines. I earned four patents for this work.

I was a Program Officer at the National Science Foundation, where I directed the Algebra and Number Theory Program in 1992-93. I am a Founding Member of the Society for the Advancement of Chicanos and Native Americans in Science and served as President of this organization from 1994-96. I served as the Director of the NSF funded Southwest Regional Institute in Mathematical Sciences from 1994-99.

I am currently the Associate Head for Undergraduate Affairs in the mathematics department and Director of the Math Center. My focus is to increase the number of students majoring in mathematics and also to increase diversity among our undergraduate mathematics majors. All of my efforts are directed towards achieving these goals."

Dilbert of the Week:



Symbol to Learn: $\subseteq$
Subset, is a subset of.
Definition:
$A \subseteq B$ means every element of A is also an element of B.

Have a great week!
-Justin