6. Caring Faculty and Staff

• Teaching and Research Awards
  – Yuanfang Cai¹, Bruce Char², Spiros Mancoridis³, Ko Nishino³, Jeff Popyack⁴, Bill Regli³, Dario Salvucci²³, Ali Shokoufandeh²

  thanks
  Kris Blair

-----Original Message-----
From: Jeremy Johnson [mailto:jjohnson@cs.drexel.edu]
Sent: Saturday, April 12, 2008 11:16 PM
To: Kristopher Blair Cc: Jeremy Johnson Subject:
Re: CS303 Help
Kristopher Blair wrote:
> Prof. Johnson, I am really stuck on problem 1 of the first assignment.
> What confuses me is the integer to extended integer relationship.
> Example: How would 5 be written as an extended integer?
Just 5. Any regular integer \( m = m + n \sqrt{10} \) with \( n = 0 \).
Note \((a+b\sqrt{10})*(c+d\sqrt{10})) = ac + bd*10 + (ad + bc)*\sqrt{10}\). If \( b = 0 \) and \( d = 0 \), then the product is \( ac \).

1 WICS [Women in Computing] Advisor & Mentor
2 COE Outstanding Teacher
3 NSF CAREER Award Winner
4 UPE [Intl. CS Honor Society] President