



## CELEBRATE LA ROCHE!



### **Rebecca A. Bozym '01, Ph.D.**

*Assistant Professor of Chemistry*  
La Roche College

Alumna Rebecca A. Bozym has made a significant impact at La Roche College and within the medical science field.

After earning a bachelor of science degree in chemistry from La Roche in 2001, Dr. Bozym pursued graduate school. She holds a Ph.D. in biochemistry and molecular biology from the University of Maryland

School of Medicine. Now an assistant professor of chemistry at La Roche, she serves as an advisor to the chemistry, biochemistry and health science majors and is a member of the Academic Standards Committee and Honors Institute Committee.

Dr. Bozym's research has appeared in various national and international scientific journals. In 2006 and 2007, she received a Most Cited Article Award from the ACS Journal of Chemical Biology, one of the top publications in the field. The article discussed Dr. Bozym's dissertation research, which utilized a biological mechanism to insert a zinc detector into cells, leading to the first quantitative measurement of intracellular free zinc.

Zinc detection is essential to researching zinc levels for Alzheimer's disease, epilepsy and other major human health concerns. Her research resulted in a patent and is being advanced by a number of medical science companies.

"The attention from my professors at La Roche, and the support that they gave me, showed me I could achieve greater goals than I imagined. Dr. Don Fujito's guidance gave me the confidence to push on to graduate school. My professors never doubted my capabilities and convinced me that I should continue my education," Dr. Bozym said. "Without that attention and support, I am honestly not sure what I would be doing today. It made me want to be a professor like Dr. Fujito and help students achieve their dreams."

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