

# Michael Kozina

"Mike"



**Graduate Institution:** Stanford University

**Location:** Stanford, CA

**Graduate Discipline:** Applied Physics

**Hometown:** Stockton, CA

## Research Interests:

*In the past I studied the local structures of the electroluminescent  $\text{ZnS}:\text{Cu},\text{Mn}$  and the thermoelectric  $\text{Ga}_8\text{Ba}_{16}\text{Sn}_{30}$ . Recently I have been exploring the structure of  $\text{LiNbO}_3:\text{Zn}$ , a material with nonlinear optical properties.*

## About me:

*I have recently graduated (June 2010) from the University of California, Santa Cruz, with a Bachelor's of Science in Physics and a Bachelor's of Art in Math. I have worked at a physics lab on the Santa Cruz campus for the past two years, performing EXAFS (Extended X-ray Absorption Fine Structure) studies on novel materials. In the fall I will begin graduate studies for a PhD in Applied Physics at Stanford University.*

*In the future, I can see myself in several different places. While academia is always enticing (I find educating very rewarding), I think that working in industry or in a national lab could provide interesting experience.*

*During my undergraduate career, I began to take Latin language courses and developed a love for that language. Rather than a chore, I find translating old texts to be intensely interesting. Also, having spent much time at the Santa Cruz campus (literally nestled in a forest), I now love exploring natural areas.*



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science