

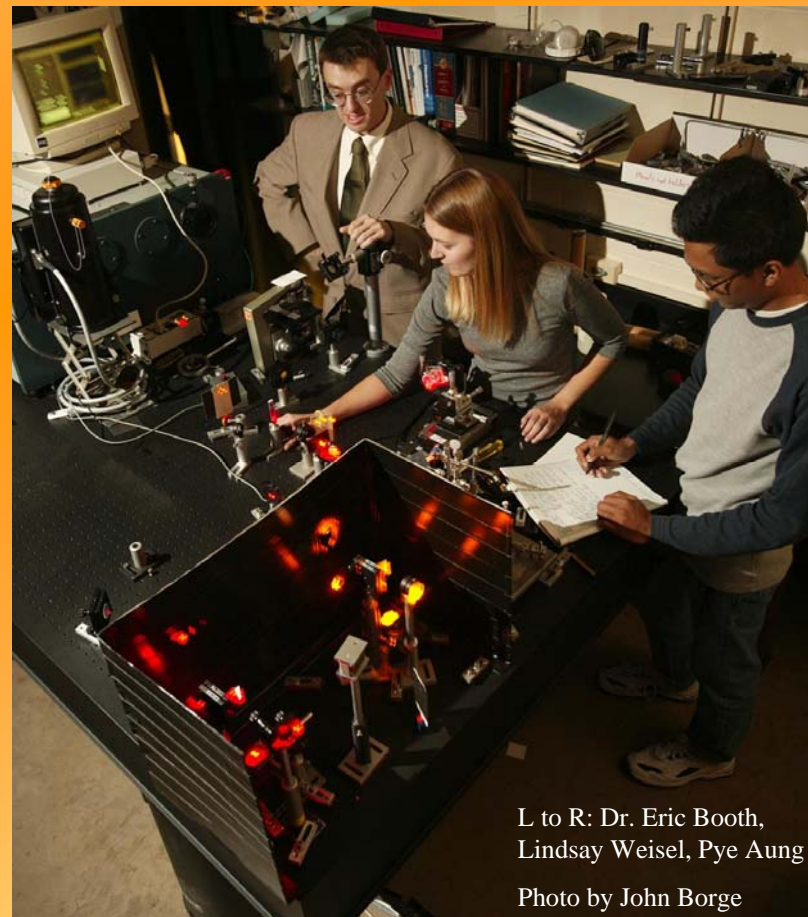
# CAREER: Nonlinear Raman Based Noisy Light Spectroscopic Studies of Liquids

Darin J. Ulness, Concordia College, Moorhead, MN

Award # (CHE-0341087)

Many excellent young scientists are interested in becoming a professor at a smaller college after receiving their degrees, but Ph.D. training does not provide a complete picture of what life is like for a professor at a PUI. Often these scientists are unable to overcome their lack of genuine understanding of the PUI environment. For example, many consider research and teaching to be separate aspects of a faculty member's activity rather than deeply coupled within the general philosophy of science training at the PUI. Secondly, they often do not fully appreciate the obstacles to productive undergraduate research that are inherent at PUIs. Finally, it is clear they have not experienced the type of student-faculty relationships that are common at PUIs.

A major aspect of this CAREER grant is the incorporation of a strong emphasis on teaching training into the post-doctoral position. Therefore, along with time devoted to research on this project, the post-doctoral researcher will have the opportunity to teach undergraduate courses under the tutelage of the PI and other members of the experienced faculty at Concordia College, Moorhead, MN. During a two year period the post-doctoral researcher will gain experience teaching both general and physical chemistry. This significant teaching experience will be of great value to the young scientist as he or she applies for faculty positions at other schools.



L to R: Dr. Eric Booth,  
Lindsay Weisel, Pye Aung

Photo by John Borge

*Acknowledgements: Pam Mork and Donald Krogstad for much guidance of Dr. Eric Booth towards his goal of becoming a professor*

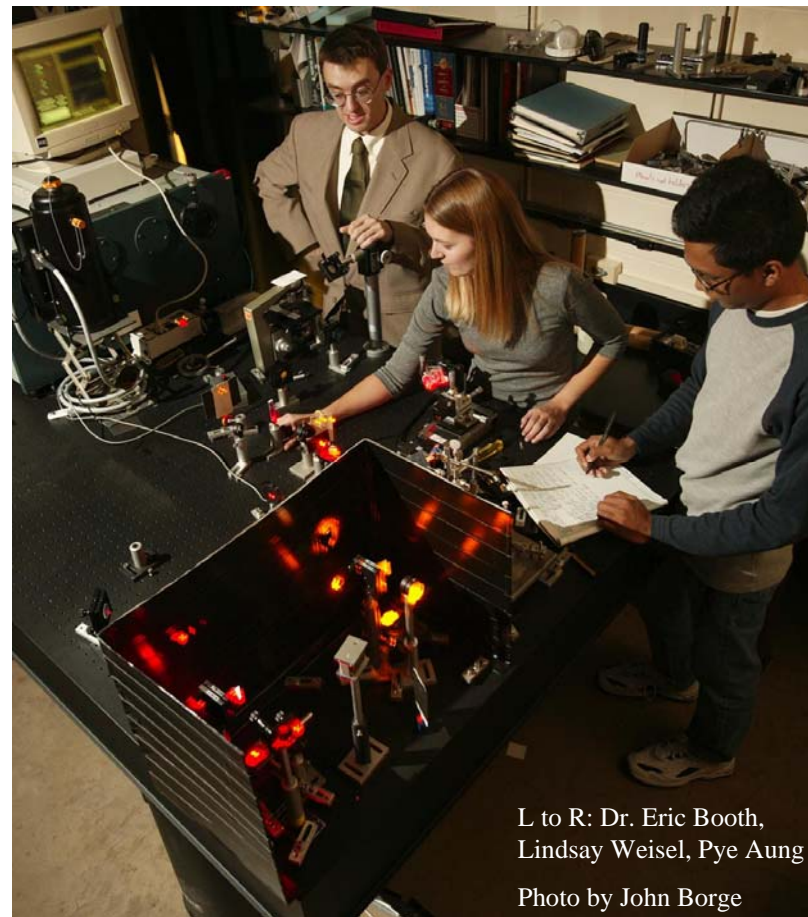
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