



## **CHAPTER REPORT**

**Name of Chapter:** Kent State University Student Branch

**Chapter Officers:** Shawn Hurley – President  
Liwei Li – Vice President  
Hugh Wonderly - Treasurer  
Lu Lu - Secretary  
Stephanie Tauschanoff - Webmaster

Chapter Report for the Board of Directors' Meeting: May 2009

Number of **technical meetings** held **since last BoD Meeting:** 1

***List of technical meetings:***

10/22/2008 Visit from CoAdna founder and LCI Professor, Jack Kelly

***List of business meetings:***

9/24/2008 – Student Branch Full Membership Meeting, KSU Liquid Crystal Institute, 18 attendees

2/24/2009 – Student Branch Full Membership Meeting, KSU Liquid Crystal Institute, 14 attendees

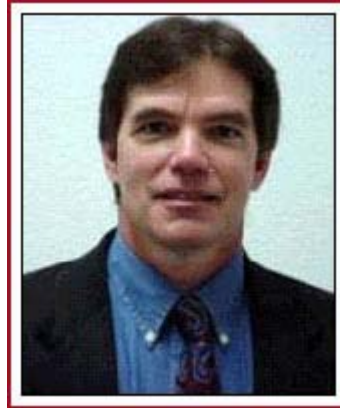
5/14/2009 – Student Branch Full Membership Meeting, KSU Liquid Crystal Institute, 17 attendees

### **Student Branch activities and news:**

***Technical Meeting***

Last fall we hosted Jack Kelly from CoAdna Photonics. He came to speak to us about the fiber optic industry, the technology in use at his company, what it was like to start a company, and what it is like to run a company. It was neat to see how liquid crystals are being used to drive the switches that route information along the internet

and communications industry. Although it is not directly related to displays, many of the same technical hurdles exist such as improving the response time and temperature range of the devices. I regret not taking any pictures; however, I have included Dr. Kelly's picture and biography as copied from the company's web site.

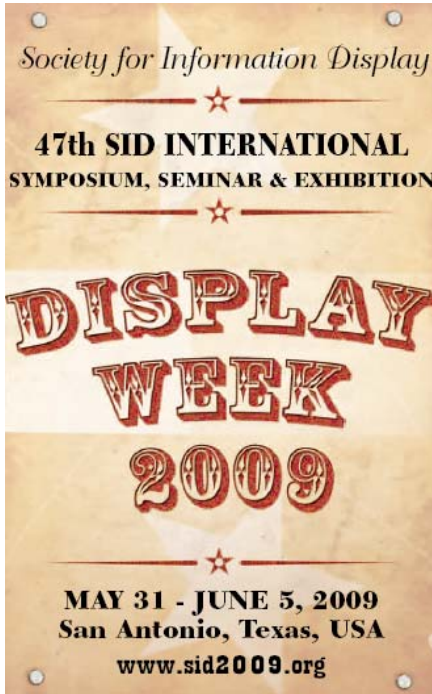


“Prior to founding CoAdna, Jack was a full Professor at the Liquid Crystal Institute of Kent State University which he joined in 1988. Jack's research has focused on the optics and electro-optics of Liquid Crystal (LC) devices, and he has published over 80 technical papers and has a number of patents and patents pending to his credit. His research has been supported heavily by industry, including contracts with 3M, HP, Nitto Denko, and Hitachi. Jack has also served as a technical consultant to 11 major companies, including Polaroid, Fujitsu, Honeywell, Samsung, and Philips. Prior to the LCI, Jack worked in Intel as manager of the Magnetic Bubble Memory Technology Development Group. Jack received the Intel Individual Achievement Award in 1986. Jack received his Ph.D. in solid-state Physics from Clarkson University.”

Biography copied from <http://www.coadna.com/?page=team>

### ***Meeting activities***

Over the last year we have added a new format to our meeting agenda. We still have business topics, such as scheduling technical meetings, officer elections, and upcoming conference announcements. However, we have added a “show-and-tell” segment where the president shows internet videos of new and exciting displays. Displays we have highlighted include 3-D displays, OLED displays, e-book displays, and interactive touch screen displays. Some of these are brand new products and some are research prototypes that are one of a kind. The world-wide connection we have on the internet allows us to find these and share them with our members. Most of the videos are found doing a search on Google and YouTube.



### ***SID Research Conferences***

Last fall we had two student members attend the IDRC Conference at UCF in Orlando, FL. Both students presented research and they were Shawn Hurley (poster) and Sarah Hicks (oral talk). We will have three students presenting posters at this year's SID Display Week in San Antonio, TX: Lu Lu, Shin-Ying Lu, and Shawn Hurley.

### ***Greater Dayton Chapter Monetary Support***

Since our last report we have spent money on meeting refreshments only. Our account balance remains strong at \$408.14 because we are meeting less frequently to preserve our assets. We are not requesting funding this year. We sincerely appreciate SID's financial and professional support.

### ***KSU Student Branch Library***

We would like to continue to recognize SID's graciousness in loaning us the SID Wiley book series for our use. We have been checking them out to our student SID members according to the policy and everyone agrees they are an excellent resource to have on hand.

### ***Chapter's problems/remarks, if any:***

There are no concerns to report.

***Report submitted by:*** Shawn Hurley, KSU Student Branch President