



Munsell Color Science Laboratory

Winter 1998

1998 Grum Scholarship Awarded

Periodically the Grum Scholarship is awarded to a color science master's student who exhibits academic excellence and committment. He or she has their name engraved on the Franc Grum Plaque in the Munsell Lab and is given a cash award. This year the Munsell Color Science Laboatory facutly and staff found Garrett M. Johnson deserving.



Congratulations Garrett!

Imaging Science Alums and Friends Gather in Scottsdale

The fifth Color Imaging Conference in Scottsdale last November provided an opportunity for about 60 alumni and friends of RIT to gather. The Chester F. Carlson Center for Imaging Science and the College of Science Development Program hosted a reception on Thursday evening of the conference.

A balmy evening on the Radisson's Garden Patio and light supper provided the backdrop for networking, visiting with faculty of the imaging science program and meeting Dr. Ian Gatley, new director of the Center for Imaging Science. Alumni from the 1960's through 1997 shared updates on their professional endeavors and learned about developments in RIT's imaging science program. Friends from around the globe talked about their work in the field of color science.



MCSLfriends join for dinner at CIC Conference.

Part of the conversations focused on "what I learned since graduating from RIT" and several alumni indicated their interest in mentoring current students. They are interested in helping current students understand what it's like to use the skills they learn in the classroom on the job. That suggestion was incorporated in a proposal recently submitted to the National Science Foundation to establish the Center for Integrative Education and Research at RIT.

More information and a call for participants will be provided as plans for the effort are further developed.

Planning started immediately to include an RIT event in the sixth Color Imaging Conference in 1998. Look for more information in the months ahead and plan to "reconnect with RIT at CIC". Contact Marianne Virgilio at MMVDSR@rit.edu or 716/475-7047 for more information.

Review of the ISCC 1998 Williamsburg Conference

The 1998 Williamsburg Conference was not only a conference but a complete experience for me since I've never been to Williamsburg or an ISCC Conference. Upon my arrival to the Williamsburg Lodge, I enjoyed absorbing the eighteenth-century historic sites. Prior to the conference, I had an opportunity to get a feel for the day in which people lived a simpler life and had more time to be creative without support from technology. It seemed to be an appropriate location for this special conference on *Color and Design: 21st Century Technology and Creativity*. There were nearly sixty people in attendance. Approximately half



Colleen punished and put in Williamsburg Stockade.

the participants had technical backgrounds and the other half had creative backgrounds. It was a good combination and it made for a variety of topics during the open discussion time. All of the presentations were informative, educational, and exciting. They have given me a renewed appreciation and a better understanding of the unlimited knowledge there is to be gained in the areas of art, design, industry, and education. Although I enjoyed the extensive exchange of information from each of the presentations, below I will discuss a few which I found particularly interesting.

The keynote speaker, **Donna Cox**, Director, Center for Graphic Technologies, University of Illinois, did a wonderful job encompassing the wide range of topics for this conference. Her title was *Visualization and Virtual Reality*. She briefly reviewed the historical scientific methodologies then gently brought the audience up to speed and into the supercomputer age. She explained that scientists still use the same methodology, but are now using the computer as a tool to assist. One of her many examples included a computer generated movie, "Venus and Milo." She demonstrated how different computer graphics techniques such as applying different colors, applying different shading, and changing the perspective can change the overall perception of the movie. Her presentation was a perfect introduction for this conference.

On the technical side, it was encouraging to hear **Jim King**, Adobe Corporation, give his talk on *Yet Another Revolution of the Publishing Industry*. He enthusiastically spoke about the revolutionary ways in which technology is affecting the work place and how he foresees the future of publication. The technology that is available in today's workplace is assisting in the formation of an extremely efficient end-to-

end digital publishing system. This end-to-end path to finished products will have a clear break in the middle creating two rather separated work groups. At this break the work passes from a creative design through a "digital master" and then to the production side.



Horse and Buggy Ride through Colonial Williamsburg Streets.

Theoretically, the digital master will have the appropriate amount of information to complete the process thereby acting as a go between for the two sides. There are still some hurdles to get over before this process will become reality. It was exciting to hear this presentation as my position at MCSL may eventually fit into a similar digital master system.

On the creative side, I enjoyed listening to **Moritz Zwimpfer**, Professor, Graphic Designer, Switzerland. His title was *Experience in Color: Methods to Develop a Personal Understanding of Color*. He spoke of how fundamentals and stable design experiences are the building blocks for young designers. He discussed how today's technology has set the speed of learning and how there is a contradiction of time demands vs. time needed to learn. Early in his lectures, he teaches the importance of color relationships through traditional techniques; no computers are used. He also takes time to study reactions and emotions evoked prior to relying on theories. He said "just because you have eyes, doesn't mean you'll make the right choice." His presentation has given me new light on the importance of time and taking time to learn the "right" choices.

Overall the conference was very well organized and professional. I would like to thank Wade Thompson for having the insight to bring together both technical and creative people. It was a great opportunity for the presentation of current research, creative activities, and exchange of information between specialists in color, design, art and technology. I would also like to thank Mark Fairchild and Roy Berns for giving me the opportunity to enhance my education in color and design by attending this conference.



Colleen Desimone meets Wade Thompson, General Chairman.

- Colleen Desimone

We are on the World Wide Web:

<<http://www.cis.rit.edu/research/mcsl/>>