

64th CONFERENCE ON LIGHT AND VISION

Santa Fe, NM

May 1996

Held in beautiful Santa Fe, this year's CSO conference will be informative, healthful and spiritual. Following the updated Basic Syntonic Course, CSO Dean, Ray Gottlieb, will summarize new research on light/matter interactions and how this led to the "phase-conjugate optical brain" theory. Harold Solan of the SUNY College of Optometry will discuss how light and color can modify the transient and sustained visual pathways to increase reading comprehension. Robert Pomeranz will describe the influence of Sheldon's body types on syntonic treatment. Psychologist Julian Metter will explore the use of electrophysiology to aid phototherapy. Former CSO president, Jacob Liberman will enlighten us on aspects of consciousness - "tribinocularly" - in syntonic treatment. He will also demonstrate his new spectral receptivity enhancement instrument. Ellis Edelman will show us how to find the "best" lens to enhance phototherapy. Larry Wallace, CSO Education Director, will discuss the healing effects of electro-magnetic energy on retinal tissue. And YOU will have a chance to present your most intriguing cases in our Sunday Morning Forum.

THE ADVANCED COURSE

Friday, May 3, 1996

8:30-10:00 BODY BUILD AND SYNTONICS

Sheldon's body types, the endomorph, mesomorph and ectomorph, correlate with life-long behavior patterns and also corresponds with visual/perceptual measures. This information can help refine our syntonic diagnosis and allow us to counsel patients about life-style and patterns of aging. Spitler based syntonic theory on morphology and prescribed color based on body type.

Robert. B. Pomeranz, O.D., M.A.

10:30-11:00 HEALING EFFECTS OF ELECTRO-MAGNETICISM ON RETINAL TISSUE

Based on Spitler's syntonic theories, Dr. Wallace invented the electro-stim, a device for controlling and reversing macular degeneration. He will review the scientific literature of using electro-magnetic energy for healing.

Larry Wallace, O.D., FCSO

11:30-12:00 HOW TO SELECT THE "BEST" LENS TO ENHANCE PHOTOTHERAPY

Phototherapy results are enhanced by using catalytic therapeutic lenses. Rational for selecting various lenses and frequencies for therapy will be demonstrated through presentation of three different types of cases.

Ellis Edelman, O.D., FCSO

5:00-5:30 THE NEW SPECTRAL RECEPTIVITY SYSTEM

Discussion and live group demonstration of technological advancements in this new technology

Jacob Liberman, O.D., Ph.D.

Saturday May 4, 1996

11:00-12:00 THE PHASE-CONJUGATE OPTICAL BRAIN

A review of recent discoveries about the interaction of light and matter. This research is changing scientific understanding of both and is leading to new uses of light which will bring revolutionary changes to our lives. Inventions such as the phase-conjugate mirror go way beyond standard holography for storage and transfer of information and lead the speaker to his theory of the phase-conjugate optical brain.

Ray Gottlieb, O.D., Ph.D. Dean CSO

1:30-3:30 THE EFFECTS OF VARYING LUMINANCE AND WAVELENGTH ON THE READING COMPREHENSION OF GOOD AND POOR READERS

The recent discovery that visual information is processed by two parallel systems, one sustained and the other transient, have led to subsequent research. One body of study links reading difficulties to temporal confusion caused when one system overpowers the other. Other findings show that these systems can be manipulated by controlling wavelength and brightness of stimulus light with corresponding improvements in reading. Discussion will review theoretical concepts and research in this field and will include a discussion of research by the speaker.

Harold Solan, O.D., M.A.

4:00-5:00 USING PSYCHO-PHYSIOLOGICAL RESPONSES TO SELECT THE OPTIMAL TREATMENT COLOR

What are the electrophysiological effects from using different syntonics colors? Can such measures be used to guide the course of treatment? Do such measures correlate with the traditional syntonics approaches or with subjective responses of patients? The discussion will review background research for a study of human responses to color correlating eight channels of electrophysiological measurement with an emphasis on measuring EEG entrainment stimulated by strobic presentation of color.

Julian Metter, Ph.D.

Sunday May 5, 1996

8:30-9:30 FROM BINOCULARITY TO TRIOCULARITY

Sight is much more than a mechanical process which holds binocularity and three dimensionality as its crown jewel of development. Yet we limit ourselves to this model which excludes the higher aspects of consciousness referred to by the sages of all ages. Should syntonists re-evaluate their understanding of phototherapy and its relation to seeing with the third eye?

Jacob Liberman, O.D., Ph.D.