



Academy of Prosthodontics Annual Scientific Session Naples, Florida | May 3 – 6, 2023

Program Speaker – Lee Culp

Title

A Digital Dental Journey, Living on the Edge

Abstract

As dentistry evolves into the digital world, the successful incorporation of computerization and new technology will continue to provide more efficient methods of communication and fabrication. The utilization of new digital technology will continue to enhance the close cooperation and working relationship of the dentist/technician team, while at the same time retaining the individual creativity and artistry of the skilled dental technician and dentist.

These advancements are not something that will “eventually” emerge in the market, they are realities that are currently being released to further revolutionize the quality of dental care that is being delivered in modern restorative dentistry.

The progressive digital laboratory will have the potential to become the ultimate facilitator of design and communication between all specialties of restorative dentistry involved in patient care, as we now have the ability to diagnosis, treatment plan and restore on a virtual patient with multiple combined data sets. This presentation will offer an overview of over 20 years experience with these digital technologies, their advantages and laboratory and clinical success.

Learning Objectives

1. Learn how to create the virtual patient: with 3D Facial scanning, CT scans, IOS scans.
2. Learn how to use a digital facebow and transfer to the digital articulator.
3. Explore new ways to achieve optimal Dentist/Surgeon/Technician teamwork, using digital communication and design, and new-shared responsibilities.

Biography

Lee Culp, CDT is the CEO of Sculpture Studios, a dental laboratory, research and product development center, for new and innovative digital diagnostic, restorative and digital applied applications to surgical and restorative dentistry.

He is the recipient of the following awards:

2003 National Association of Dental Laboratories, Excellence in Education Award

2007 American Society of Prosthodontics, Kenneth Rudd Award

2007 American Academy of Cosmetic Dentistry, Evy Award for Excellence in Dental Education

2013 American College of Prosthodontics, Dental Technician Leadership Award 2014 Spectrum, Lifetime Achievement in Dentistry Award.

2018 Dawson Academy, Distinguished Service to Dentistry Award

2022 National Association of Dental Laboratories, Hall of Fame Award

2022 American Academy of Cosmetic Dentistry, Evy Award for Outstanding Innovation in Dentistry

Lee is an avid writer, and had been a contributor to eight dental text books, including a chapter in Dr. Peter Dawson's book Functional Occlusion: From TMJ to Smile Design.

He is a leading resource/inventor for many of the materials, products, and techniques used in dentistry today, holds numerous patents for his ideas and products, and writes many articles per year. His writing, photography, and teaching style have brought him international recognition, as one of today's most exciting lecturers and innovative artisans in the specialties of digital dentistry, dental ceramics and functional esthetics.