

# TRANSFORMING PROSTHODONTICS

Bridging the Gap Between  
Current Practice and  
Future Trends

*San Francisco*  
*Nov. 1-4*  
*acp47.com*

**DIGITAL PATHWAYS • SURGICAL FOUNDATIONS • BATTLE OF THE CERAMICS**  
**LIVE ONSTAGE & 3D: VIRTUAL TREATMENT FROM DIAGNOSIS TO PROSTHETIC CARE**



47TH ANNUAL SESSION  
NOV 1-4 • SAN FRANCISCO

SPONSORS:



## Intended Audience

The ACP Annual Session is intended for prosthodontists, dental students/residents, general dentists, dental technicians, and other dental specialists.

## Learning Objectives

At the conclusion of this meeting, attendees will be able to:

- Understand recent changes and important considerations regarding the surgical placement of dental implants as they impact prosthodontics in practice and education.
- Make informed choices in digital technology, materials, and workflow for the treatment of patients with complex restorative needs.
- Prepare for emerging trends in prosthodontic practice and patient care.

## Program Committee

Dr. Lars Bouma, Chair  
Dr. Susan E. Brackett, 2017 President  
Dr. Karen J. Bruggers  
Dr. Stephen D. Campbell  
Dr. Heather J. Conrad  
Dr. Mark C. Hutten  
Dr. Radi M. Masri  
Dr. Thomas J. McGarry

Dr. Carl M. Pogoncheff  
Dr. John A. Sorensen  
Dr. Joerg R. Strub  
Dr. Peter S. Wöhrle  
Dr. John R. Agar  
Dr. David L. Guichet  
Dr. Jonathan Zamzok



## Greetings from the Program Chair

There was a moment when you realized a routine dental education wasn't enough. You looked out at the horizon and saw a thriving practice, a world-class university, and a place at the leading edge of patient care. As a prosthodontist, standing still was never an option.

The ACP's 47th Annual Session is about how we go further.

Today, prosthodontists are taking on cases that were never before treatable. However, disruptive technologies and changing practice models are about to upend decades of thinking about who we are and what we do as specialists. With several focused, intensive education sessions over the course of four days, **Transforming Prosthodontics** is designed to **bridge the gap between current practice and future trends**.

We'll begin with a look at how **The Standards Have Changed** for implant placement. Even if you never place an implant, your practice can thrive in this new surgical reality. On Wednesday afternoon, you'll acquire the knowledge base you need to make judgments, direct surgeons, and deal with complications during implant placement. Speakers will cover the anatomic structures you should know, critical facts about analgesics and antibiotics, and essential skills for soft and hard tissue grafting. They'll also review financial and professional factors to consider for the health of your practice.

On Thursday morning, three CEOs who are driving change in dental technology will come together for a panel discussion about the products, devices, and services we use on a daily basis in our practices. As prosthodontists, we should be the decision makers in reconstructive dentistry. These **Dental Visionaries** will describe the pace and direction of industry, and put you in position to lead and understand the developments ahead.

Then you'll expand your repertoire of treatment possibilities at **Treating the Missing or Difficult Surgical Foundation**. If you want to fix problems instead of pushing them along, this session is meant for you. Immediate extraction and loading is difficult, but you'll see new techniques that have been successful. Patients with severe atrophy present a serious challenge to the surgical and restorative team, but you'll see options to restore esthetics and function in both the maxilla and the mandible.

Thursday afternoon is about **Controversy in Choices**. Mention intraoral scanning direct to a full-arch prosthesis, and some people will say we're not accurate enough to do that. Suggest that a composite-based denture can be digitally fabricated in one appointment, and you'll get an earful. The fact is, these things are being done successfully in practice





today. We have speakers who will cut through the hype and show you transformative possibilities – backed by experience.

On Friday morning, we'll get into it with **The Battle of the Ceramics**. In one corner, it's lithium disilicate. In the other corner, it's zirconia. Pick a side and put these materials to the test on design protocols and clinical performance – from beautiful esthetics to ideal function, from efficiency to predictability with the most complex, demanding restorations you perform. We'll also look at the state of affairs among laboratory technicians and what that means for your practice.

Then we'll show **Virtual Treatment from Diagnosis to Prosthetic Care**. A series of live demonstrations, onstage and remote, will reveal the entire range of digital solutions for our patients. With a portion of the live program in 3D, you'll be able to visualize the procedures like never before. This immersive experience will be unlike anything you've ever seen at a meeting, demonstrating a comprehensive digital environment that works.

For the first time, Saturday afternoon has been reserved for a special session on **Practice Management**. Speakers will talk about important topics such as investment strategies for the long-term health and success of your career. This is a session that will pay off for your practice, and it's included with your Annual Session registration.

In the beautiful city of San Francisco, you'll enjoy great restaurants and a week full of workshops, receptions, and social events with old friends and colleagues – the people who understand your passion for excellence in patient care.

As a prosthodontist, this is a week that you can't miss. Together, we can go further.



Lars Bouma, DDS, MS, FACP  
Program Chair



## Schedule at a Glance

Wednesday, Nov. 1		
EDUCATION	1:00 – 4:15 P.M.	The Standards Have Changed
WORKSHOP	7:00 A.M. – 4:00 P.M.	Joint Educators Conference
WORKSHOP	7:00 A.M. – 4:00 P.M.	Board Preparation Course
WORKSHOP	1:00 – 4:00 P.M.	Trefoil™: A New Treatment Concept for the Edentulous Patient
EVENT	6:00 – 8:00 P.M.	Welcome Reception
Thursday, Nov. 2		
EDUCATION	7:50 – 9:20 A.M.	Dental Visionaries
EDUCATION	9:20 A.M. – 12:45 P.M.	Treating the Missing or Difficult Surgical Foundation
EVENT	12:45 – 2:15 P.M.	Resident & Dental Student Digital Poster Session 1
EDUCATION	2:15 – 4:55 P.M.	Controversy in Choices
EVENT	5:00 – 6:00 P.M.	Resident & Dental Student Digital Poster Session 2
EVENT	5:30 – 6:30 P.M.	ACPEF Donor Recognition Reception
Friday, Nov. 3		
EDUCATION	8:10 A.M. – 12:15 P.M.	The Battle of the Ceramics
EVENT	8:45 – 11:30 A.M.	John J. Sharry Prosthodontic Research Competition
EVENT	12:15 – 1:45 P.M.	Resident & Dental Student Digital Poster Session 3
EDUCATION	1:45 – 4:35 P.M.	Virtual Treatment from Diagnosis to Prosthetic Care (LIVE & 3D)
EVENT	5:00 – 6:00 P.M.	Resident & New Prosthodontist Reception
EVENT	7:00 – 10:00 P.M.	Annual Awards & President's Dinner
Saturday, Nov. 4		
EVENT	7:30 – 9:00 A.M.	Town Hall Breakfast Meeting
EDUCATION	9:00 A.M. – 12:00 P.M.	Corporate-Sponsored Symposia
EDUCATION	1:00 – 4:00 P.M.	Practice Management

## The Standards Have Changed

1:00 – 4:15 P.M. • Moderator: Antoanela Garbacea, DDS, MDS, FACP, Loma Linda University

1:00 – 1:30 P.M.

### Standards and Scope of Practice, and Their Impact to Our Residencies and Practices

Heather J. Conrad, DMD, MS, FACP, FRCD(C)  
University of Minnesota

In 2016, the Commission on Dental Accreditation (CODA) implemented revisions to the Accreditation Standards for Advanced Specialty Education Programs in Prosthodontics. As defined in the Standards, all dental practitioners who now pursue specialty training in prosthodontics will be competent in the surgical placement of dental implants. This presentation will highlight this milestone achievement for the specialty of prosthodontics and the ACP, review the challenges and benefits these changes have had on our programs, and assess the impact these changes have had on our current prosthodontic residents and new alumni.

1:30 – 2:00 P.M.

### Ten Anatomic Structures Every Prosthodontist Should Know When Considering Implant Surgery

Thomas J. McGarry, DDS, FACP  
Daniel L. O'Donoghue, PhD  
Oklahoma City

The anatomy of structures remote to implant sites must be understood to give the prosthodontist confidence in the prosthetic planning and to prevent treatments from causing unwanted atrophy of bony structures. These remote structures include the major divisions and the positions of the trigeminal maxillary and mandibular nerves along with branching of the maxillary artery. This presentation will discuss ten important anatomical relationships that should be understood to take full advantage of dental implants as a therapeutic intervention for your patients.

2:00 – 2:30 P.M.

### Analgesics and Antibiotics: You Don't Know What You Don't Know

Bob C. Fazio, DMD  
Naples, FL

How do medical problems like diabetes mellitus, renal disease, or cardiac arrhythmia affect dental diagnosis and treatment planning? What does the American Heart Association recommend with regard to at-risk patients and antibiotics? This presentation will review the changing antibiotic options in dentistry for acute infections and prophylaxis for old and new antibiotic categories and formulations, and develop strategies for clinicians to use when choosing analgesics and local anesthetics.

2:30 – 2:45 P.M.

### Break

2:45 – 3:15 P.M.

### Pink Made Easy: Soft Tissue Management

David H. Wong, DDS  
Tulsa, OK

The esthetic success of implant-supported restorations is complemented by the surrounding soft tissue. Commonly, soft tissue grafting is considered to correct gingival deformities or as part of the implant treatment process. A summary of various grafting sources, surgical design, and timing of procedures will be presented.

3:15 – 3:45 P.M.

### Minimally Invasive Grafting Techniques

Daniel R. Cullum, DDS  
Coeur d'Alene, ID

Extraction site management with minimally invasive grafting techniques helps ensure an adequate volume of bone and soft tissue critical for implant success. This presentation will discuss patient assessment and planning for a continuum of treatment challenges at single- and multi-site extraction defects. Review of non-primary closure techniques, grafting materials, resorbable and non-resorbable barriers, amnion/chorion, and growth factors will be completed.

3:45 – 4:15 P.M.

### I Made the Jump: How Placing Implants Has Changed My Prosthodontic Practice

John A. Murrell, DDS, MBA, FACP  
Raleigh, NC

This presentation will explore important factors to consider when deciding whether to incorporate surgical placement of implants into a private practice, as well as the potential professional and financial effects of such an action. Topics will include the development of surgical skills and management of complications.

6:00 – 8:00 P.M.

Fee: \$75

Sponsored by:



### Welcome Reception

Don't miss the kick-off to the week's education, events, and excitement! Join ACP President Dr. Susan E. Brackett and Annual Session Program Chair Dr. Lars Bouma for drinks, hors d'oeuvres, and delightful conversation with friends and colleagues. Casual attire, please.



Pre-Conference Workshops

7:00 A.M. – 4:00 P.M.

Joint Educators Conference

The American College of Prosthodontists and the ACP Education Foundation are pleased to support an all-day gathering of predoctoral and postdoctoral prosthodontics educators.

Sponsored in part by educational grants from:



7:00 A.M. – 4:00 P.M.  
Fee: \$400 members/  
\$800 non-members

Board Preparation Course

Course Director: Avinash S. Bidra, BDS, MS, FACP, University of Connecticut Health Center

The Board Preparation Course is designed to demonstrate the process of becoming a Diplomate of the American Board of Prosthodontics. The course is recommended for prosthodontic residents as well as experienced prosthodontists who are interested in becoming board-certified. Access to the ACP Board Study Guide app for iOS and Android is included with registration.

7:00 – 7:30 A.M.

Breakfast

7:30 – 7:40 A.M.

Introduction & Welcome

Susan E. Brackett, DDS, MS, FACP  
ACP President  
  
Avinash S. Bidra, BDS, MS, FACP  
Course Director

7:40 – 8:20 A.M.

Section A: Computerized Written Examination

Heather J. Conrad, DMD, MS, FACP, FRCD(C)  
University of Minnesota

8:20 – 9:00 A.M.

Review of Dental Materials

Geoffrey A. Thompson, DDS, MS, FACP  
Marquette University

9:00 – 9:40 A.M.

Evidence-Based Implant Treatment Planning for the Partially Edentulous Patient

Steven J. Sadowsky, DDS, FACP  
University of the Pacific

9:40 – 10:20 A.M.

Section D: Implant-Based Presentation and Oral Exam

Avinash S. Bidra, BDS, MS, FACP  
University of Connecticut Health Center

10:20 – 10:40 A.M.

Coffee Break

10:40 – 11:00 A.M.

Study Guide App

Stephen A. Wagner, DDS, FACP  
Albuquerque, NM  
  
Mark Heiden  
ACP Central Office

11:00 – 11:40 A.M.

Restoration of Endodontically Treated Teeth

Nadim Z. Baba, DMD, MSD, FACP  
Loma Linda University

11:40 A.M. – 12:15 P.M.

Questions and Answers: The American Board of Prosthodontics

Arthur Nimmo, DDS, FACP  
ABP President  
  
Thomas D. Taylor, DDS, MSD, FACP  
ABP Executive Director

12:15 – 1:00 P.M.

Lunch

1:00 – 1:40 P.M.

Section B: Part 4 Treatment

Miles R. Cone, DMD, MS, CDT, FACP  
Portland, ME

1:40 – 2:20 P.M.

Section B: Part 2 Treatment

Ewa C. Parciak, DDS, MS, FACP  
Redlands, CA

2:20 – 3:00 P.M.

Section C: Scenario-Based Oral Examination Tips for Preparation and Mock Scenario

Carl F. Driscoll, DMD, FACP  
University of Maryland

3:00 – 3:20 P.M.

Refreshment Break

3:20 – 4:00 P.M.

Section B: Part 3 Simulated Mock Board Examination

Roberta A. Wright, DMD, MDSc, FACP  
Boston  
  
Carl F. Driscoll, DMD, FACP  
University of Maryland  
  
Ronald D. Woody, DDS, FACP  
Texas A&M University

## Pre-Conference Workshops

1:00 – 4:00 P.M.

Fee: \$45

Sponsored by:



### Trefoil™: A New Treatment Concept for the Edentulous Patient

*Frank J. Tuminelli, DMD, FACP  
Manhattan Veterans Affairs*

*Jay Neugarten, DDS, MD, FACS  
New York-Presbyterian Hospital*

This interactive hands-on workshop will present a surgical and prosthetic overview of the Trefoil™ concept. This new concept offers the possibility of same-day rehabilitation of the edentulous mandible or a failing dentition in the lower jaw with a definitive implant-supported prosthesis. Dr. Neugarten and Dr. Tuminelli will discuss their experience with Trefoil™ and how this new concept has expanded the number of patients that they can treat with a fixed solution by reducing the treatment cost and time for the patient. Dr. Neugarten will facilitate the surgical hands-on session in a step-by-step protocol. Dr. Tuminelli will highlight the simplified restorative and laboratory process. Space is limited and early registration is recommended.

## Invite Your Referral Network

When potential referral sources see the complex restorations and advanced care on display at the ACP Annual Session, they'll understand when and why they should refer to a prosthodontist. This meeting is a great opportunity to increase referrals and improve collaboration by inviting dental professionals from your referral network to attend as your guests.

Members may sponsor non-prosthodontist dentists to attend the Annual Session at a discounted rate – only \$700 each. Download the sponsored dentist registration form from [acp47.com](http://acp47.com). Return the form by email to [omoukayed@prosthodontics.org](mailto:omoukayed@prosthodontics.org); by fax to (312) 573-1257; or by mail with check to: American College of Prosthodontists, 5198 Eagle Way, Chicago, IL 60678-5198.

### Resident & Dental Student Digital Poster Session

Chair: Sang J. Lee, DMD, MMSc, FACP  
Harvard University

Residents and dental students are invited to present an e-poster, which can focus on research results, clinical outcomes, laboratory techniques, or topics of general interest to ACP members or guests.

For details and to apply, visit [acp47.com](http://acp47.com). Applications are due Sept. 15.

Sponsored by:



### You ought to be in pictures!



Visit the ACP Photo Booth on **Wednesday, Thursday, or Friday** to take a professional headshot in an ACP lab coat. Photos are complimentary with Annual Session registration.

We'll send you a link to download a copy of your photo and add it to the **Find a Prosthodontist** search.



## Dental Visionaries

7:50 – 9:20 A.M. • Moderator: Clark M. Stanford, DDS, PhD, University of Illinois at Chicago

7:00 – 7:45 A.M.



### Continental Breakfast with Exhibitors

7:50 – 8:05 A.M.

#### Opening Remarks

*Susan E. Brackett, DDS, MS, FACP  
ACP President*

*Lars Bouma, DDS, MS, FACP  
47th Annual Session Program Chair*

8:05 – 8:10 A.M.

#### American Board of Prosthodontics

*Arthur Nimmo, DDS, FACP  
ABP President*

8:10 – 8:15 A.M.

#### ACP Education Foundation

*Lyndon F. Cooper, DDS, PhD, FACP  
ACPEF Chair*

8:15 – 9:20 A.M.

#### Driving Change in Dental Technology

*Stanley Bergman, Chairman and CEO  
Henry Schein, Inc.*

*Jim Glidewell, President and CEO  
Glidewell Laboratories*

*Jeffrey T. Slovin, CEO  
Dentsply Sirona International*

These individuals have been instrumental in leading their companies in the development of dental technology as well as the integration of technology into the dental office. This panel discussion will provide insight into what creates the products, devices, and services we use on a daily basis in our practices. Leading edge technology has always been critical to the specialty of prosthodontics. So are we leading or are we following?



## Treating the Missing or Difficult Surgical Foundation

9:20 A.M. – 12:45 P.M. • Moderator: Craig L. Sikora, DMD, FACP, University of Illinois at Chicago

9:20 – 10:00 A.M.

#### Immediate Extraction and Load: Full-Arch Implants with Innovative Chairside Solutions

*Marco Degidi, MD, DDS  
Bologna, Italy*

By necessity, immediate loading must be done chairside and in a short period of time. Nonetheless, it is often carried out using techniques that require making an impression with the inevitable problems this involves: longer time periods, imprecision, and costs that can be unreasonable. The speaker will present a technique he invented. In this technique, the assembly of dedicated premanufactured components allows for immediate prostheses to be realized directly in the mouth – with significant time savings, noteworthy reduction in costs, and increased quality. Clinical records will be presented in combination with ample scientific evidence.

10:00 – 10:45 A.M.



#### Coffee Break with Exhibitors

10:45 – 11:25 A.M.

#### Treatment of the Atrophic Maxilla Utilizing the Zygomatic Implant

*Frank J. Tuminelli, DMD, FACP  
Manhattan Veterans Affairs*

*Jay Neugarten, DDS, MD, FACS  
New York-Presbyterian Hospital*

The atrophic maxilla presents many challenges to the surgical and restorative team. Patients ask for functional and esthetic results that mimic the natural dentition. When faced with the results of severely atrophic maxillary disease, a variety of options are available to the team. The presentation will revolve around the graftless approach of meeting the needs of this patient population in addition to the rationale for using the zygomatic implant as an option. A series of patient treatments will demonstrate how the team can achieve the desired results with predictable outcomes through the use of the zygomatic implant in conjunction with other endosseous implants.

11:25 A.M. – 12:05 P.M.

**Immediate Molar Implants: New Surgical and Restorative Protocols for Predictable Success**

*Richard B. Smith, DDS  
Columbia University*

The immediate molar implant can be a game-changer for any practice. However, until now, there has been no evidence-based protocol for the surgical or the restorative aspects of this treatment. Placing implants into wide sockets requires an entirely different approach than single-rooted tooth sockets. A total treatment protocol will be presented based upon existing literature, biologic rationale, and newly acquired data. The implications of this new protocol are far-reaching and will affect the way we treatment plan and execute treatment in the molar regions.

12:05 – 12:45 P.M.

**No Bone Solution for Mandibular Atrophy**

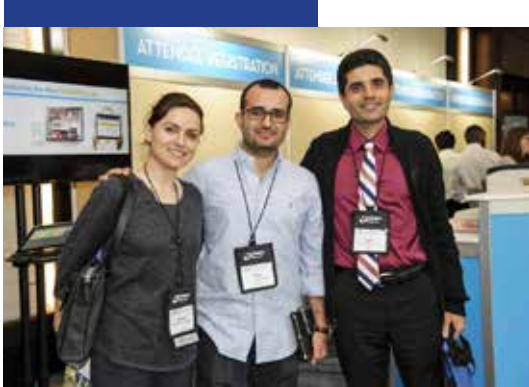
*Thomas J. Balshi, DDS, PhD, FACP  
Stephen F. Balshi, MBE  
Fort Washington, PA*

Rehabilitation of the severely atrophic mandible is one of the most challenging clinical scenarios. Danger of mandibular fracture is high on the list of surgical concerns. This presentation will review a series of treatment approaches for the severely atrophic mandible and how the incorporation of digital technology has evolved over time. Three dimensional evaluation and pre-operative planning allows the team to be better prepared and maintain the prosthetically driven treatment protocol we desire. The combination of biomechanics and bone density also play a critical role in the decision process.

12:45 – 2:15 P.M.



**Refreshment Break with Exhibitors**



**Controversy in Choices**

**2:15 – 4:55 P.M.** • Moderator: *Heather J. Conrad, DMD, MS, FACP, FRCD(C)  
University of Minnesota*

2:15 – 2:45 P.M.

**Intraoral Scanning Directly To Full-Arch Zirconia Implant Prosthesis?**

*John A. Sorensen, DMD, PhD, FACP  
University of Washington*

In the last five years, tremendous advancements have occurred in the four pillars of digital implant prosthodontics: intraoral scanning, software, material systems, and milling technologies. This presentation will explore the status of each of these components of the digital process based on currently available research on the accuracy, properties, efficiency, and quality of finished prostheses. A workflow analysis comparison of conventional processes and digital processes will be offered.

2:45 – 3:15 P.M.

**Hybrid Abutments: Where Materials Meet Success or Failure**

*Arturo Mauricio Flores-Villarreal, DDS, MS  
University of Nuevo León, Mexico*

There are so many options to restore a dental implant that it can be difficult to decide on the best one. In this presentation, current options to restore an implant, particularly in the anterior zone, will be reviewed. Scientific evidence, long-term results, and experience will be analyzed.

3:15 – 3:45 P.M.

**Surgical-Prosthetic Synergy in the Anterior Zone**

*Bobby Birdi, DMD, MS, FACP, FRCD(C)  
Vancouver, Canada*

This presentation will highlight the need for proper surgical and restorative planning and implementation to attain predictable anterior implant therapy. The use of current technologies and biologics will be featured as well as how simple mistakes can cause prosthetic and esthetic compromises.

3:45 – 4:20 P.M.

**CAD/CAM Dentures: What's All the Hype, What's the Difference?**

*Stephen A. Wagner, DDS, FACP  
Albuquerque, NM*

We have entered the age of CAD/CAM dentures. Many companies now offer unique and innovative approaches to the digital fabrication of fixed and removable prostheses for the edentulous patient. This lecture will present a brief history of the field, explore the literature, review the current products and services provided by the dental industry, and provide perspective on the potential of this new approach.



4:20 – 4:55 P.M.

### Facing the Future: Digital Imaging, Computer-Assisted Design, and Rapid Prototyping Maxillofacial Prosthetics

Travis D. Bellicchi, DMD, MS  
Indiana University

Emerging technologies in photogrammetry, computational hydrographic printing, rapid prototyping materials/hardware, and virtual/augmented reality will enable a high level of precision, accuracy, and control, and lead to exceptional results for prosthetic patients. This lecture will review the literature on digital technology in maxillofacial prosthetics, discuss a prosthodontic resident's experience developing a digital workflow, and explore potential applications of emerging technologies for maxillofacial prosthetics.

## Events

12:45 – 2:15 P.M.  
5:00 – 6:00 P.M.

### Resident & Dental Student Digital Poster Sessions

All attendees are welcome to visit the digital poster sessions.

5:30 – 6:30 P.M.

Sponsored by:



### ACPEF Donor Recognition Reception

The ACP Education Foundation invites all donors to celebrate this year's accomplishments and learn more about how their contributions further the mission of the Foundation.



## The Battle of the Ceramics

8:10 A.M. – 12:15 P.M. • Moderator: Robert E. Stover, DDS, MS, FACP, Olympia, WA

7:00 – 7:45 A.M.

8:10 – 8:20 A.M.

8:20 – 8:50 A.M.

8:50 – 9:20 A.M.

9:20 – 9:50 A.M.



### Continental Breakfast with Exhibitors

#### 48th Annual Session Preview

Robert M. Taft, DDS, FACP  
ACP President-Elect

Radi M. Masri, DDS, MS, PhD, FACP  
48th Annual Session Program Chair

#### Digital Workflows and Newest Trends in Ceramics

Petra Guess Gierthmuehlen, DDS  
University Medical Center Düsseldorf, Germany

The paradigm shift from traditional to minimally invasive treatment approaches is evidenced by the clinical long-term success of bonded glass-ceramic restorations. Advancements in all-ceramic and CAD/CAM material systems, digital restoration planning, and fabrication enable the development of innovative treatment concepts for the rehabilitation of severely compromised dentition. Case series and the evidence for the clinical success of all-ceramic and CAD/CAM materials will be presented.

#### Protocols, Design, and Performance of Full-Arch Zirconia

David L. Guichet, DDS, FACP  
Newport Beach, CA

This presentation will focus on elements of the digital workflow including digital treatment planning using multiple datasets, linked digital workflows, guided implant surgery and the use of PMMA prototypes, and minimally veneered zirconia restorations. CAD/CAM abutment and restorative design as new possibilities for efficient and predictable esthetic restorative outcomes. Treatment protocols will be demonstrated so practitioners may take advantage of these capabilities and see enhanced restorative performance, decreased costs, and improved practice efficiency.

#### Zirconia from the Critical Edge: Factors Contributing to Reliable Performance Outcomes of Full-Arch Restorations

Michael Moscovitch, DDS, CAGS  
Montreal

Combining current practices and principles to achieve reliable performance outcomes requires rethinking our choice of prosthetic materials. High strength ceramics (zirconia) and advanced prosthetic workflows can provide the possibility of performance outcomes exceeding all previously reported success parameters. This presentation will address the knowledge required to understand the global impact of zirconia on improving patient treatment outcomes with respect to esthetics, function, and efficiency. Published data and supporting evidence will be highlighted with clinical illustrations.

9:50 – 10:30 A.M.



Coffee Break with Exhibitors

10:30 – 11:10 A.M.

**Esthetic and Functional Rehabilitation: New Protocols and Innovative Procedures**

*Mauro Fradeani, MD, DDS  
Pesaro, Italy*

This presentation will illustrate planning and collaboration in challenging clinical situations, and demonstrate how to select and optimize the use of metal-free ceramic materials in full-mouth rehabilitations. An innovative operative protocol allows treatment with a minimally invasive prosthetic procedure, making it possible to achieve excellent esthetic results using veneers, full-veneers, and buccal-occlusal veneers even with severely reduced ceramic thickness. Maintenance of a maximum amount of enamel and use of the appropriate bonding technique guarantee a remarkable resistance and a long-lasting result.

11:10 – 11:50 A.M.

**Exploring the Limits: High Esthetics in Complex Zirconium Rehabilitation**

*Pinhas Adar, MDT, CDT  
Atlanta*

New CAD/CAM technology has changed communication between the laboratory technician and the prosthodontist. This presentation will cover the key points that make the difference between laboratories using digital solutions for full monolithic (no ceramic layering) zirconium and pressed porcelain e.max, making it possible to achieve optimal outcomes and save precious chair time. The follow-up process for selecting the best all-ceramic system for each patient will also be covered, along with effective communication tools for a consistent and predictable outcome with the all-zirconia implant-supported hybrid.

11:50 A.M. – 12:15 P.M.

**Where Will We Be Without Laboratory Technicians: The Current State of the Dental Lab Field**

*David R. Avery, CDT  
Cornelius, NC*

The state of the North American laboratory industry has suffered from a rapid decline in qualified technicians over the past ten years. The closure of accredited programs combined with the reduction of training in the military leaves us with very few options for talent development. This program will provide a status report and potential solutions going forward.

12:15 – 1:45 P.M.



Refreshment Break with Exhibitors

Virtual Treatment from Diagnosis to Prosthetic Care (LIVE & 3D)

1:45 – 4:35 P.M. • Moderator: Caroline A. Grasso, DDS, New York

*Peter S. Wöhrle, DMD,  
MMSc, CDT  
Newport Beach, CA*

*Kent L. Knoernschild, DMD,  
MS, FACP  
University of Illinois  
at Chicago*

*Rand F. Harlow, DDS, FACP  
University of Illinois  
at Chicago*

*Lyndon F. Cooper, DDS,  
PhD, FACP  
University of Illinois  
at Chicago*

*Stephen D. Campbell, DDS,  
MMSc, FACP  
University of Illinois  
at Chicago*

*Lee Culp, CDT  
Cary, NC*

3D glasses will be provided for a portion of this session.

This will be a highly interactive session and an immersive experience in the application of digital technology. Simultaneous live onstage and remote patient care will demonstrate a broad range of digital workflows from the simple to the most complex prosthetic scenarios. A portion of the **live program** will be in **3D**. This will include onstage e.max CAD finishing by a master technician, and a single implant placement/restoration using an immediate smile strategy. 3D glasses will be distributed to every attendee for a revolutionary perspective on patient treatment.

A series of live demonstrations will reveal the entire range of digital solutions including assessment, diagnosis, lab-based and intraoral imaging, merged datasets, designing restorations/prostheses, and fabrication using a broad range of digital production strategies. The various tooth-, tissue-, and implant-supported scenarios encountered on a daily basis will serve as the platform for exchange. Lectures will provide core foundational information that supports digitally supported care. This will include dentate patient transition to complex implant-supported restorations in 2 to 5 appointments, totally transforming the patient experience, control, efficiency, and quality of the outcomes.

Participants will appreciate the impact of better and more efficient prosthodontics through digital technologies that transform the patient experience.

Live, 3D Onstage Interactive

- Data Capturing (chairside and lab-based scanning)
- Designing Simple to Complex Prosthetics
- Connections with Planning, Virtual Implant Placement, CG Guided Surgery, and Final Prosthetics
- Integrating CBCT and Surface Scanning Datasets
- Production Strategies and Workflows – Live Milling and Finishing
- 3D Finishing e.max CAD – A Master Technician’s Process and Demo
- The Patient Experience
- Controlling Outcomes

Live, 3D Remote Patient Care

- Single Implant Surgical and Prosthetic Digital Workflows
- 3D Immediate Smile – Single Appointment Implant Placement/Restoration
- Complex Full-Arch Implant Placement/Restoration in 2 Appointments

## Events

8:45 – 11:30 A.M.

Sponsored by:



### John J. Sharry Prosthodontic Research Competition

*Chair: Geoffrey A. Thompson, DDS, MS, FACP,  
Marquette University*

The Sharry Competition is held to stimulate and acknowledge original research in prosthodontics by residents. Abstracts are due by June 2. Visit [acp47.com](http://acp47.com) for guidelines and more information.

12:15 – 1:45 P.M.

### Resident & Dental Student Digital Poster Session

All attendees are welcome to visit the digital poster sessions.

5:00 – 6:00 P.M.

Sponsored by:



### Resident & New Prosthodontist Reception

Join us in celebrating the future of the specialty. Light refreshments will be provided. Cash bar will be available. Business attire, please.

7:00 – 10:00 P.M.

Fee: \$185

Sponsored by:



### Annual Awards & President's Dinner

Celebrate this year's accomplishments and achievements during the Annual Awards & President's Dinner. Don't miss the opportunity to enjoy an evening with colleagues and honor individuals who have made exceptional contributions to the College and the specialty. New ACP Fellows will be recognized. Dr. Susan E. Brackett, ACP President, will present the 2017 President's Award and other Awards of Distinction. Dr. Robert M. Taft will be inducted as 2018 President. Cash bar will be available. Business attire, please.



## Events

7:30 – 9:00 A.M.

### Town Hall Breakfast Meeting

Enjoy breakfast with fellow members from your region and ACP Board members. Don't miss the opportunity to exchange ideas and share your perspective on key issues in the specialty.

9:00 A.M. – 12:00 P.M.

### Corporate-Sponsored Symposia

Attendees may receive CE credit by attending professional symposia presented by:



Visit [acp47.com](http://acp47.com) for more details.

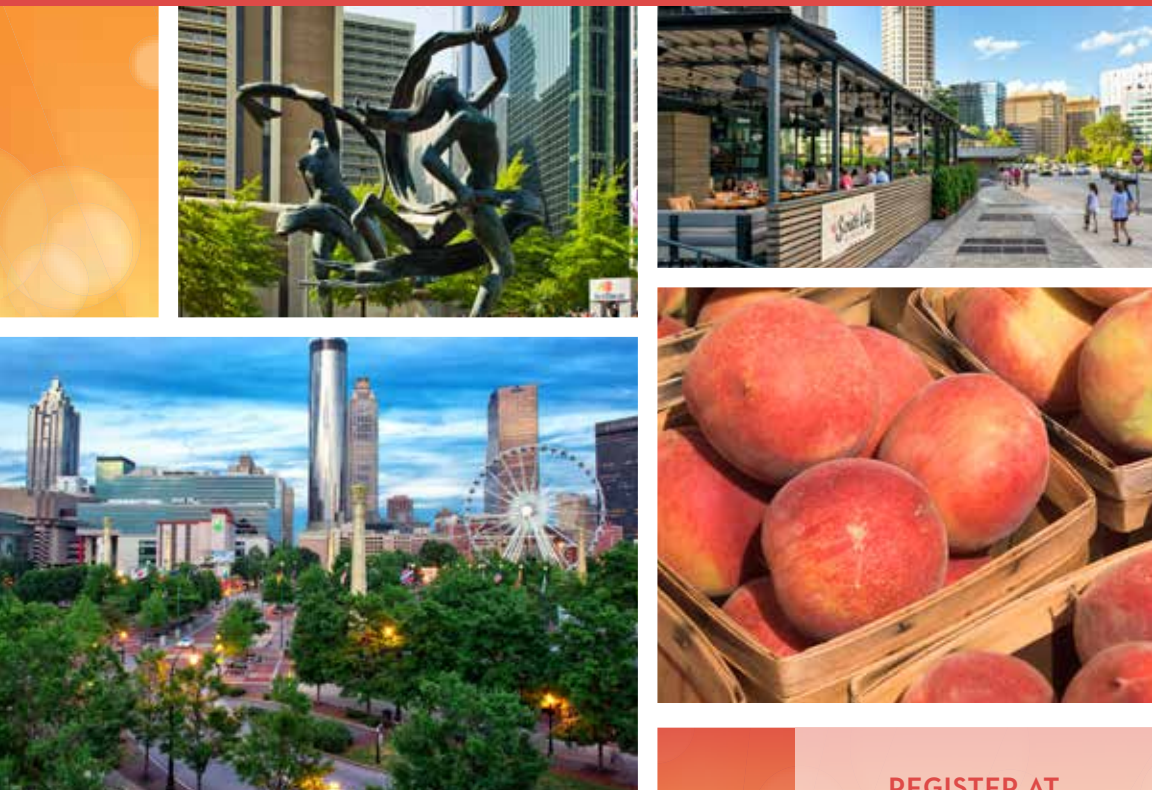
1:00 – 4:00 P.M.

### Practice Management

What do you need to know to ensure you are making sound fiscal decisions and are on a path to financial success and security? This session will deliver valuable insights from experienced practitioners who understand the challenges you face. Speakers will share real-life examples and strategies you can implement in your practice.







REGISTER AT  
[Prosthodontics.org](http://Prosthodontics.org)

SPONSORED BY:



# Prosthodontic Review Course

ATLANTA

SEPT. 8-9, 2017

**ACP** | AMERICAN COLLEGE OF  
**PROSTHODONTISTS**  
Your smile. Our specialty.®

## Registration & General Information

REGISTER BY SEPT. 25 AND SAVE!

	Before Sept. 25	After Sept. 25*
Member/Fellow*	\$830	\$980
Non-Member Dentist	\$1530	\$1680
Resident/Graduate Student Member	\$300	\$450
Predoctoral Student Alliance Affiliate	\$300	\$450
Academic Alliance Affiliate	\$600	\$750
Global Alliance Affiliate	\$600	\$750
Forum Organization Member**	\$900	\$1050
Dental Technician Alliance Affiliate	\$400	\$550
Non-Affiliate Dental Technician	\$900	\$1050
Advanced Program & Graduate Student Alliance Affiliate	\$300	\$450
Dental Assistants, Hygienists, Office Staff	\$300	\$450
Companion Registration***	\$100	\$125

### Workshops and Events Fees

Board Preparation Course	\$400 (Member) \$800 (Non-Member)
Welcome Reception	\$75
Annual Awards & President's Dinner	\$185
Trefoil™: A New Treatment Concept for the Edentulous Patient	\$45

\* Late Fees may be waived for government employees only. Contact the ACP for details.

\* Includes International, Active Life, Retired Life, and Honorary Members.

\*\* Members of the following Prosthodontic Forum Organizations: AACD, AAED, AAFP, AAID, AAMP, AO, AP, AES, APS, GNYAP, ITI, NGS, PCSP, SCAD, and SEAP.

\*\*\* Paid registrants may register a maximum of one companion. This includes one exhibit hall pass only (no access to educational programs). This is not intended for prosthodontists or other dental professionals. All dental professionals will be required to pay full registration fees to access continuing education sessions at the meeting.

# Registration & General Information *cont'd.*

## On-site Registration Hours

Tuesday, Oct. 31..... 4:00 P.M. – 7:00 P.M.  
Wednesday, Nov. 1.... 6:00 A.M. – 6:00 P.M.  
Thursday, Nov. 2..... 6:00 A.M. – 5:00 P.M.  
Friday, Nov. 3..... 7:00 A.M. – 4:00 P.M.  
Saturday, Nov. 4..... 7:00 A.M. – 1:00 P.M.

## Lab Coat Photo Booth Hours

Wednesday, Nov. 1... 7:00 A.M. – 4:00 P.M.  
Thursday, Nov. 2..... 7:00 A.M. – 4:00 P.M.  
Friday, Nov. 3..... 7:00 A.M. – 4:00 P.M.

## Exhibit Hall Hours

Thursday, Nov. 2..... 7:00 A.M. – 3:00 P.M.  
Friday, Nov. 3..... 7:00 A.M. – 2:00 P.M.

## Join, Register, and Save!

Not an ACP member? Join the premier organization dedicated to the prosthodontic specialty and save on attendance at this year's Annual Session! Your membership will be active through Dec. 31, 2018.

To join, download a membership application from [Prosthodontics.org](http://Prosthodontics.org) and submit it with your completed Annual Session registration form with full payment by Sept. 25. Only applications accompanied by ALL supporting documentation will be considered.

For more information on member benefits and services, contact the ACP Central Office Membership Services Department by email at [jmcdaniel@prosthodontics.org](mailto:jmcdaniel@prosthodontics.org) or by phone at (312) 573-8790.

## Register Early

Complete your registration form online or mail/fax by Sept. 25 for the best rate. Registration forms postmarked, date-stamped, or received after this date will be processed as an on-site registration and will incur an additional \$150 fee. All registrations must include payment to be processed. Workshop and event tickets are limited and may not be available for purchase on-site.

## Confirmation and Badges

After your registration form has been received via email, mail, or fax and processed, an official confirmation will be sent via email. Please allow three weeks for registration processing. Online registrations will receive a confirmation via email after processing. All badges and registration materials will be held for you at the on-site registration desk.

## Cancellation Policy

Notice of cancellation must be made in writing and sent by email to [education@prosthodontics.org](mailto:education@prosthodontics.org) or by fax to (312) 573-1257. Refunds will be processed within two weeks of receipt in writing. All cancellations are subject to a \$50 processing fee. Refunds for meeting registration fees minus the \$50 processing fee will be given only if written notice of cancellation is received no later than Sept. 25. A 50% refund minus the \$50 processing fee will be issued if written notice is received between Sept. 25 and Oct. 9. No refunds will be issued after Oct. 9; therefore, "no shows" will not be eligible for a refund. The ACP is not responsible for travel expenses or penalties under any circumstances. In the event of a cancellation by the ACP, all registrants will receive a full refund of any registration fees paid.

## Kosher Meals

Kosher meals are available upon request. To request kosher meals, please email [education@prosthodontics.org](mailto:education@prosthodontics.org) or call (312) 573-1260.

## Attire

Business casual (tie optional) is the recommended attire for educational sessions.

## Children

Children up to the age of 18 must be accompanied by an adult at all times. Children are not allowed in the Exhibit Hall or education sessions, but may attend social events with ticket purchase.

## Continuing Education Credit

23.25 credit hours are available at the 2017 Annual Session. This includes the education sessions, the Resident & Dental Student Digital Poster Session, and the Corporate-Sponsored Symposia. You may obtain additional credits by registering for pre-conference workshops on Wednesday.



The American College of Prosthodontists is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by board of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at [www.ada.org/cerp](http://www.ada.org/cerp).

The American College of Prosthodontists is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing dental education programs of this program provider are accepted by AGD for Fellowship/Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from 11/1/2014 to 10/31/2018. Provider ID#: 214690.



The American College of Prosthodontists is a National Board of Certification in Dental Laboratory Technology (NBC) approved continuing education provider for dental technicians. Continuing education credit awarded for participation in the CE activity may not apply toward license renewal in all states. It is the responsibility of each participant to verify the requirements of his/her state licensing board(s) and submit the form provided by the ACP to receive credit.



## Program Disclaimer and Code of Conduct

All programs and events are subject to change and/or cancellation because of scheduling conflicts, low registration, and/or circumstances beyond the control of the ACP. The ACP does not recommend or endorse a specific test, product course of treatment, procedure, opinion, or other information mentioned during the ACP Annual Session. The ACP, its contractors, and attending news media may be photographing, videotaping, audio-taping, or webcasting education sessions and events at the Annual Session. By attending the ACP Annual Session, attendees acknowledge these activities and agree to allow their image to be used by the ACP in association publications, on the ACP's website, and in marketing and promotional materials. Photo images are made available to Annual Session attendees and may also be shared with the media. Attendees at the Annual Session waive all claims against the ACP for any liability resulting from these uses.





Only official contracted ACP vendors and working journalists with ACP-approved press credentials will be permitted to photograph, video, and/or audio tape education sessions, the Exhibit Hall, pre-conference sessions, and Saturday workshops. Individuals recording with personal video/audio equipment or other recording devices (i.e. cell phones, digital or film cameras, or tape recorders) without prior permission from the ACP or without proper credentials will be asked to cease recording or using these devices immediately.

The ACP is dedicated to providing a safe, harassment-free, and inclusive meeting experience for all participants. Participants in ACP meetings include members, registrants, guests, staff, speakers, sponsors, exhibitors, and Board members. The ACP does not tolerate harassment of meeting participants in any form. Any violations will be taken seriously and handled in accordance with the ACP's code of conduct policy, which is posted at [acp47.com](http://acp47.com).



#### Hotel Information

San Francisco Marriott Marquis  
780 Mission Street  
San Francisco, CA 94103

Group Rate: \$299 single/double exclusive of applicable taxes. The deadline to receive the ACP group rate is Oct. 1.

Reserve your room by going to: <https://aws.passkey.com/go/prosthodontists2017> or by calling (877) 622-3056. Please refer to the American College of Prosthodontists 2017 Meeting to receive the group rate.

Please note that the ACP holds rooms based on past attendance history. All meeting attendees are urged to reserve their rooms early. The ACP cannot guarantee that the block will not sell out prior to the Oct. 1 deadline.

#### Travel Arrangements

You are encouraged to contact your preferred air carrier/car rental company to secure your transportation needs.

Thank you  
to our sponsors!







211 E. CHICAGO AVE.  
SUITE 1000  
CHICAGO, IL 60611

*Register by Sept. 25 and Save!*

