

ORLANDO

OCT. 21 - 24, 2015

ACP45.COM

ACP2015

PROSTHODONTICS

45TH ANNUAL SESSION • OCT. 21-24 • ORLANDO

Controversies & Innovations in Prosthodontics

EXPLORING BIOLOGIC & TECHNOLOGIC PRINCIPLES

45TH ANNUAL SESSION SPONSORS



GREETINGS FROM THE PROGRAM CHAIR



As prosthodontists, we thrive on controversy and innovation. Those are the forces that drive the growth of our discipline. The ACP's 45th Annual Session is aptly entitled **Controversies and Innovations in Prosthodontics: Exploring Biologic and Technologic Principles**.

Over the course of the four-day program, a group of exceptional clinicians and researchers will challenge conventional wisdom, explore new concepts in biology, and present the latest research. The intention is to take us out of our comfort zone, make us think differently, and ultimately change the way we treat our patients. Speakers will provide informed perspectives on the game-changing possibilities as well as the limitations of the newest innovations.

The scientific session begins Wednesday afternoon with **Updates in Prosthodontics**. Topics include updates on cutting edge technology and research relevant to implant design, adhesives, complete dentures, maxillofacial prosthodontics, and restoration of non-vital teeth.

Thursday morning is focused on the question of **Preservation vs. Replacement**. The presenters will discuss the critical decision-making process when choosing between surgical and restorative alternatives in the esthetic zone. We must understand the risks and benefits of both the surgical and restorative approaches. In the afternoon, we will take an in-depth look at the evolving role of the **Surgically Trained Prosthodontist**. With more prosthodontists performing implant-related surgery and training the next generation, we need to have a clear understanding of our responsibilities and limits. We will attempt to more accurately define the educational and clinical parameters of surgical prosthodontics.



FUN WITH FAMILY & FRIENDS

The Renaissance Orlando is a great destination for fun with family and friends. Guests will receive discounted admission at SeaWorld and the on-site Aquatica water park. Walt Disney World and Universal Studios are less than 10 minutes from the hotel.

You could also recruit a foursome at the Welcome Reception and tee off at the Marriott Grande Pines golf club, less than a mile away.

ACP2015

PROSTHODONTICS

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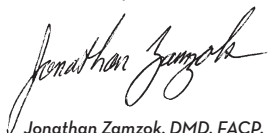
Is Digital Dentistry Ready for Prime Time? On Friday morning, we will see evidence-based information on the accuracy and efficiency of digital impression systems, as well as digital shade and material selection. Speakers will illustrate practical applications through clinical cases and a detailed breakdown of the digital workflow. On Friday afternoon, we will look at **Controversies in Prosthodontics** and cover alternative therapies in treatment planning. Presenters will evaluate contentious issues in implant placement, principles of prosthetically driven soft tissue stability, and new technology in the analysis of occlusion.

We will conclude with Saturday's **Laboratory Connection**, with expert technicians reviewing the very latest techniques and innovations.

These four days will be full of opportunities to expand our knowledge and improve our skills as specialists. Don't miss the chance to enjoy time with friends and colleagues during the Welcome Reception on Wednesday evening, the President's Dinner on Friday, and many other wonderful events throughout the week.

We are all expected to continually grow as professionals, and it is a hallmark of our specialty to lead the way. By focusing on controversy and innovation, the ACP's 45th Annual Session will challenge us to look at prosthodontics with a fresh perspective, separate the myths from the truths, and chart a clear path through the rapidly changing landscape of technology. Our specialty, our profession, and our patients will benefit immeasurably from the body of information presented during this scientific session. I look forward to "growing" together with all of you.

We'll see you in Orlando, Oct. 21-24!



Jonathan Zamzok, DMD, FACP,
Program Chair

OUR AUDIENCE

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



SCHEDULE AT A GLANCE

WEDNESDAY, OCT. 21

GENERAL
6:00 A.M. – 6:00 P.M. Registration Open

MEETINGS
7:00 A.M. – 4:30 P.M. ACP Joint Educators Conference
4:30 – 5:30 P.M. ACP Region 7 (International) Meeting

WORKSHOP
7:00 A.M. – 4:00 P.M. Board Preparation Course

SCIENTIFIC
1:00 – 4:45 P.M. Updates in Prosthodontics

EVENT
6:00 – 8:00 P.M. Welcome Reception

PROGRAM COMMITTEE

Dr. Jonathan Zamzok, Chair
Dr. Frank J. Tuminelli, ACP President
Dr. Stephen D. Campbell
Dr. Stephen J. Chu
Dr. Carl F. Driscoll
Dr. Thomas J. McGarry
Dr. Jacinthe M. Paquette
Dr. Joerg R. Strub
Dr. Hans-Peter Weber

THURSDAY, OCT. 22

GENERAL
6:00 A.M. – 5:00 P.M. Registration Open
7:00 A.M. – 3:00 P.M. Exhibit Hall Open

SCIENTIFIC
8:00 A.M. – 12:40 P.M. Preservation vs. Replacement
2:15 – 4:55 P.M. The Prosthodontist's Role Revisited

BREAKOUT
11:30 A.M. – 2:00 P.M. Resident and Dental Student Poster Session

EVENTS
6:30 – 8:00 A.M. Air Force Breakfast
6:30 – 8:00 A.M. Navy Breakfast
5:00 – 6:00 P.M. ACPEF Donor Recognition Reception

BREAKS
7:00 – 7:45 A.M. Continental Breakfast with Exhibitors
10:00 – 10:45 A.M. Coffee Break with Exhibitors
12:40 – 2:15 P.M. Refreshment Break with Exhibitors

FRIDAY, OCT. 23

GENERAL

7:00 A.M. – 4:00 P.M.

Registration Open

7:00 A.M. – 2:00 P.M.

Exhibit Hall Open

SCIENTIFIC

8:10 A.M. – 12:10 P.M.

Innovations in
Prosthodontic Therapy:
Is Digital Dentistry
Ready for Prime Time?

1:45 – 5:05 P.M.

Controversies in
Prosthodontic Therapy:
Thinking Outside
the Box

BREAKOUT

8:45 – 11:30 A.M.

John J. Sharry Research
Competition

11:30 A.M. – 3:45 P.M.

ACP Member Speaker
Forum

EVENTS

6:30 – 8:00 A.M.

Army Breakfast

6:30 – 8:00 A.M.

Veterans Administration
Breakfast

6:30 – 8:00 A.M.

Dental Technician
Alliance Breakfast

5:00 – 6:00 P.M.

Student/New
Prosthodontist Reception

7:00 – 10:00 P.M.

ACP Annual Awards &
President's Dinner

BREAKS

7:00 – 7:45 A.M.

Continental Breakfast
with Exhibitors

9:50 – 10:30 A.M.

Coffee Break with
Exhibitors

12:10 – 1:45 P.M.

Refreshment Break
with Exhibitors

SATURDAY, OCT. 24

GENERAL

7:00 A.M. – 1:00 P.M.

Registration Open

MEETING

7:30 – 9:00 A.M.

ACP Regional Town Hall
Breakfast Meeting

SCIENTIFIC

9:00 A.M. – 12:00 P.M.

Corporate Partner
Symposia



1:00 – 4:45 P.M.

The Laboratory
Connection: Techniques,
Innovations, and Pearls
from the Experts

WORKSHOP

1:00 – 5:00 P.M.

Transitioning into
Private Practice

PROGRAM IN DETAIL

GENERAL

6:00 A.M. – 6:00 P.M.

Registration Open

MEETING

7:00 A.M. – 4:30 P.M.

ACP 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:



WORKSHOP

7:00 A.M. – 4:00 P.M.

Course Director:
Mathew T. Kattadiyil,
DDS, MDS, MS, FACP

Fee: \$400

Board Preparation Course

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.

7:00 – 7:30 A.M.

Breakfast

7:30 – 7:35 A.M.

Introduction/Welcome

Frank J. Tuminelli, DMD, FACP
ACP President

Mathew T. Kattadiyil, DDS, MDS, MS, FACP
Course Director

7:35 – 8:15 A.M.

Review of Occlusion

Jonathan P. Wiens, DDS, MSD, FACP
West Bloomfield, MI

8:15 – 8:55 A.M.

Review of Dental Materials

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

8:55 – 9:35 A.M.

Section B Part 4 Examination:
Tips for Success

Michael A. Christian, DDS, FACP
Simsbury, CT

9:35 – 10:15 A.M.

Maxillofacial Prosthodontics:
A Brief Review

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

10:15 – 10:30 A.M.

Break and Discussion
with Presenters

10:30 – 10:50 A.M.

Study Guide App

Stephen A. Wagner, DDS, FACP
Albuquerque, NM

Mark Heiden
Chicago

10:50 – 11:50 A.M.

Removable Partial Dentures:
What You Need to Know

Frederick C. Finzen, DDS, FACP
University of California, San Francisco

WORKSHOP

11:50 A.M. – 12:10 P.M.

Section A: Written Examination

Mathew T. Kattadiyil, DDS, MDS, MS, FACP
Loma Linda University

12:10 – 1:10 P.M.

Lunch

1:10 – 1:50 P.M.

**Questions and Answers:
The American Board of
Prosthodontics**

Thomas D. Taylor, DDS, MSD, FACP
University of Connecticut Health Center

Donald A. Curtis, DMD, FACP
University of California, San Francisco

1:50 – 2:30 P.M.

**Section B Part 2:
Outline of Submission**

Aram Kim, DMD, MS, FACP
Belmont, MA

2:30 – 3:10 P.M.

**Section C Scenario
Examination: Tips for
Preparation**

Carl F. Driscoll, DMD, FACP
University of Maryland

Live Mock Scenario C

Course Attendees

3:10 – 3:25 P.M.

**Break and Discussion
with Presenters**

3:25 – 4:05 P.M.

**Section B Part 3: Simulated
Mock Board Examination**

Despoina Bompolaki, DDS, MS, FACP
Marquette University

Ronald D. Woody, DDS, FACP
Garland, TX

Carl F. Driscoll, DMD, FACP
University of Maryland



SCIENTIFIC

1:00 – 4:45 P.M.

Updates in Prosthodontics

Moderator: Alvin G. Wee, DDS, MS, MPH, PhD, VA Medical Center, Omaha, NE

1:00 – 1:45 P.M.

Edward J. Swift Jr.,
DMD, MS
University of North
Carolina

Update on Dentin/Enamel Adhesives

This presentation will provide an overview of contemporary approaches for bonding resin-based materials to tooth structure. It will describe the three fundamental functions that must occur when using any adhesive and the four primary strategies for employing these fundamental functions. The advantages, disadvantages, and clinical performance of each strategy will be discussed and compared.

1:45 – 2:30 P.M.

Robert M. Taft,
DDS, MS, BA, FACP
U.S. Navy

Gerald T. Grant,
DMD, MS, FACP
U.S. Navy

Updates in Maxillofacial Prosthetics through Advanced Digital Technology

The use of advanced digital technologies in maxillofacial reconstruction and rehabilitation will be discussed to include image capture, digital design, and use of digital manufacturing technologies. Recent developments and examples used in the current practice of the presenters will be discussed.

2:30 – 3:15 P.M.

Nadim Z. Baba,
DMD, MSD, FACP
Glendale, CA

The Restoration of Non-Vital Teeth: Update on Structural Characteristics and Treatment Considerations

How best to restore an endodontically treated tooth is a question that prosthodontists often face. It begins with an evaluation of the feasibility and practicality of root canal therapy on a given tooth. The desired outcome depends on successful endodontic and restorative procedures and good interaction between the two components. Our understanding of the causes of failure has improved recently; research has changed our views on some old principles while consolidating others. Clinical success depends on our ability to employ innovative approaches using new materials and techniques. This presentation will review selected clinically relevant research on the restoration along with various factors that can enhance the prognosis of pulpless teeth.

3:15 – 4:00 P.M.

Christian F.J. Stappert,
DDS, MS, PhD
University of Maryland

Current Concepts in Implant Design and Surfaces

This lecture aims to evaluate the current knowledge of dental implant designs and surface modifications and to better understand their relationships to the long-term success of implants. Success rates have been reported to vary in different areas of the mouth and in different patients. The engineering design of implants is based on many interrelated factors, including the geometry of the implant, mechanical properties, and the initial and long-term stability of the implant-tissue interface. Factors such as material biocompatibility, implant design and surface, surgical technique, host bed, and the loading conditions have all been shown to influence the implant osseointegration. Restorative prosthetic and biomechanical aspects require design elements to secure overall long-term clinical success patterns. It is unlikely that there is one 'ideal' implant design. The question is what do we currently know?

SCIENTIFIC

4:00 – 4:45 P.M.

Frank R. Lauciello,
DDS, FACP
Amherst, NY

Complete Dentures Update: Materials, Techniques, and Concepts

The technology for complete denture fabrication has probably been the most challenging to change, due to the subjective nature of the procedures and the fabrication of the prosthesis on soft yielding tissue. However, some digital technology has been introduced recently to facilitate and enhance fabrication of complete dentures. This lecture will outline the various components of clinical and technical procedures associated with complete denture treatment and highlight new materials and technologies.

MEETING

4:30 – 5:30 P.M.

ACP Region 7 Meeting (International)

Before heading to the Welcome Reception, all international members are invited to join Dr. Lino Calvani, Region 7 Membership Director, to discuss leadership opportunities for international members, National Prosthodontics Awareness Week, and other events in 2016. Light refreshments will be served.

EVENT

6:00 – 8:00 P.M.

Fee: \$50

Sponsored by:



Welcome Reception

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



PROGRAM IN DETAIL

GENERAL

6:00 A.M. – 5:00 P.M.

7:00 A.M. – 3:00 P.M.

Registration Open
Exhibit Hall Open

EVENT

6:30 – 8:00 A.M.

6:30 – 8:00 A.M.

Air Force Breakfast
Navy Breakfast

BREAK

7:00 – 7:45 A.M.

Continental Breakfast with Exhibitors

SCIENTIFIC

8:00 A.M. – 12:40 P.M.

Preservation vs. Replacement

Moderator: Leila Jahangiri, DMD, New York University

8:00 – 8:05 A.M.

Opening Remarks

Frank J. Tuminelli, DMD, FACP
ACP President

Jonathan Zamzok, DMD, FACP
45th Annual Session Program Chair

8:05 – 8:10 A.M.

The American Board of Prosthodontics

Donald A. Curtis, DMD, FACP
ABP President

8:10 – 8:15 A.M.

ACP Education Foundation

Lyndon F. Cooper, DDS, PhD, FACP
Chair

8:15 – 8:50 A.M.

When to Save a Tooth or Extract and Place an Implant:
Where Are We Today?

Dennis P. Tarnow,
DDS
New York

The decision to treat or extract a tooth in the esthetic zone is one of the most complex decisions that a practitioner must make. It is a test of the team’s knowledge and ability to reach the ultimate goal of an esthetic and functional restoration that will last for years to come. All this must be done with the patient’s emotional and financial status taken into account. This session will focus on the latest aspects of what we should or should not do in the esthetic zone and how best to treat this difficult area with a multidisciplinary approach.

8:50 – 9:25 A.M.

When and How to Save an Ailing Implant

Frank Schwarz,
DMD
Heinrich Heine University
Dusseldorf, Germany

Management of infectious diseases affecting osseointegrated implants is demanding. It was reported that experimentally induced mucositis was reversible at the clinical and biomarker level once the biofilm was disrupted and oral hygiene procedures were reinforced. While nonsurgical therapy was effective in the treatment of mucositis lesions, for peri-implantitis, mechanical debridement alone has shown limited efficacy. Adjunctive measures may be effective in arresting disease progression at initial sites; but moderate to advanced lesions commonly require more demanding surgical intervention or even removal of the implant. Treatment of early clinical signs of peri-implant mucositis may be considered a key strategy for prevention of peri-implantitis.

SCIENTIFIC

9:25 – 10:00 A.M.

Craig M. Misch,
DDS, MDS
Sarasota, FL

The Essential “Pink” Interface Part 1: A Surgical Perspective

The loss of teeth and supporting bone due to periodontitis, infection, trauma, or pathology often complicates implant replacement in the esthetic zone. Numerous techniques and materials may be used to reconstruct the anterior maxilla. However, efforts to surgically create a natural appearance can be challenging. In addition, there are disadvantages of augmentation procedures including surgical complexity, increased morbidity, treatment length, and costs. Rather than surgically reconstructing esthetic zone defects, many clinicians opt to replace the missing hard and soft tissue with prostheses. Although non-grafting options should be considered, many patients dislike artificial replacement. This presentation will look at limitations of surgically reconstructing the esthetic zone and guide clinicians on implant rehabilitation with augmentation techniques.

BREAK

10:00 – 10:45 A.M.

Coffee Break with Exhibitors

SCIENTIFIC

10:45 – 11:30 A.M.

David Garber,
DMD
Atlanta

Guilherme Cabral,
DDS, CDT
Taubaté, Brazil

The Essential “Pink” Interface Part 2: The Restorative Alternatives

This program is a perspective into how cross-disciplinary “interface planning” has become an integral part of esthetic implant dentistry. It is essential to integrate “white” tooth esthetics as it relates to the critical “pink” gingival and lip interfaces. Understanding the surgical, biological, and prosthetic “limitations” is a vital component of treatment planning protocols to simplify, expedite, and provide minimally invasive, limited therapy. Fortunately, advances in preemptive CBCT and 3D CAD/CAM planning of soft and hard tissue procedures, implant placement, ridge reduction or augmentation, and total restorative design (crowns and abutments) now integrate new virtual protocols for the entire clinical process.

11:30 A.M. – 12:05 P.M.

Frauke Müller,
ProfDrMedDent
University of Geneva
Geneva, Switzerland

Treatment Considerations for the Elderly: Prosthodontics for the Old and Very Old

With increasing life expectancy, patients will tend to retain their natural dentition until later in life, and the practitioner will be confronted with partial or residual dentitions that require removable prosthodontic care. Edentulism will still have a high prevalence, but patients will be more challenging to treat as they present unfavorable anatomical and functional conditions. In addition, multimorbidity, reduced mobility, and socio-economic context may dominate treatment planning. Treatment considerations have to account for functional, medical, and financial issues and limitations. Considerations also include adapting the partial and full denture design to the features of the aged orofacial system, and avoiding comprehensive changes in late life, where neuroplasticity is diminished and hinders adaptation.

PROGRAM IN DETAIL

SCIENTIFIC

12:05 – 12:40 P.M.

Michael Glick,
DMD
University at Buffalo

A Skeptic’s Guide to Clinical Protocols

Clinical protocols for dental care have been promulgated and published for centuries. But what is the rationale, if any, for the protocols? This presentation will review the good, the bad, and the ugly behind many of the common protocols in use today.

BREAK

12:40 – 2:15 P.M.

Refreshment Break with Exhibitors

BREAKOUT

11:30 A.M. – 2:00 P.M.

Sponsored by:



Resident and Dental Student Poster Session

Moderator: Caroline T. Nguyen, DMD, MS, FACP, University of British Columbia

Residents and dental students are invited to present a poster presentation, which can be a presentation of research results, clinical outcomes, laboratory techniques, or topics of general interest to ACP members or guests. For details and an application, visit acp45.com. Applications are due **Aug. 5**.

Smile! Professional Headshots Included with Registration



Visit the ACP Photo Booth on Wednesday, Thursday, or Friday to take a professional headshot in an ACP lab coat.

We'll send you a link to download a copy of your photo and add it to the Find a Prosthodontist search. Photos are included with Annual Session registration.



SCIENTIFIC

2:15 – 4:55 P.M.

The Prosthodontist's Role Revisited

Moderator: Richard B. Smith, DDS, New York

2:15 – 2:45 P.M.

Hans-Peter Weber,
DMD
Tufts University

**The Surgically Trained Prosthodontist:
What Are the Possibilities?**

The question of whether a prosthodontist should be the surgically trained provider for rehabilitations involving implants has emerged largely due to the fact that prosthodontists are often faced with having to restore malpositioned implants. While the treatment by one provider offers a number of advantages, it cannot be expected that every prosthodontist will have the necessary surgical knowledge, skill, and experience to handle all scenarios with predictable success. Additional surgical training certainly helps to widen the spectrum of indications. But there remains the necessity of being able to decide on a case-by-case basis when to (surgically) treat and when to refer to a surgical colleague. This presentation will discuss the assessment of surgical complexity and level of risk on the basis of various case scenarios.

2:45 – 3:15 P.M.

Thomas J. McGarry,
DDS, FACP
Oklahoma City

**The Surgically Trained Prosthodontist:
What Are the Limitations of Self-Directed Learning?**

This lecture will discuss the challenges of skill acquisition outside an academic environment versus a structured curriculum in a formal program. The questions to be discussed include: limitations of self-assessment in self-directed learning; accelerated learning in formal education versus experiential learning; technological advances providing an increased safety zone; procedural competence versus diagnostic competence; formal education providing insurance against “bad results”; and the role of mentorship in self-directed learning. These questions will be illustrated with clinical examples with a focus on post-operative complications.

3:15 – 3:45 P.M.

Christian S. Stohler,
DMD, DrMedDent
Columbia University

**The Future of Prosthodontics:
Is Dentistry Facing the Perfect Storm?**

Unprecedented advances in science and technology, shifts in disease demographics, rapid aging in developed economies, mounting level of comorbidity combined with the chronic disease burden faced by modern societies, and last but not least, the ever-increasing cost of health—these call for a fundamental redefinition of the interplay of the health professions. With the 21st century, the door to the information age opened. In the decade to come, prosthodontics will reinvent itself and assume a role that is as important as it was at the inception of modern dentistry.

PROGRAM IN DETAIL

SCIENTIFIC

3:45 – 4:20 P.M.

Christoph Hämmerle,
ProfDrMedDent
University of Zurich
Zurich, Switzerland

Immediate Loading of the Partially Edentulous Arch: Chances, Risk, and Management

Immediate loading is increasingly popular among patients due to shorter treatment times and lower costs. But these desires must be balanced against the risk of compromised results, with decisions informed by the patient’s aims and risk tolerance, bone and soft tissue conditions, prosthetic possibilities, tooth forms, and abilities of the care-providing team. In esthetic sites, bone healing is also an important determinant. Regarding soft tissues, assessments of volume, appearance, and form are critical with respect to timing for the reconstruction. And in the fabrication process, immediate loading requires high precision and increases pressure on the dental team. On the other hand, the result of the therapy is available right away, and there is no need for a temporary reconstruction. It is clear that immediate loading may be advantageous, but it requires a high level of skill and organization by the care-providing team.

4:20 – 4:55 P.M.

Stephen J. Chu,
DMD, MSD, CDT
New York University

Prosthodontic Strategies for Peri-Implant Tissue Maintenance of Immediate Socket Implants in the Esthetic Zone

Implant dentistry is continuously evolving, offering new and more predictable forms of therapy with minimally invasive protocols. Innovative techniques now allow for better esthetics, decreased treatment times, and greater patient comfort. However, these techniques and therapies raise questions about risk and rewards, with controversies regarding immediate postextraction socket implant placement in relationship to survival and esthetic outcomes. Immediate provisional restoration of immediate implants placed into healed (delayed) or augmented sites will be presented. In addition, this lecture will address current concepts (i.e., platform switching), techniques, clinical research, histologic evidence, and innovations in immediate implant placement and provisional restoration and how they can enhance treatment procedures, time, and clinical outcomes for greater patient comfort, care, and satisfaction.

EVENT

5:00 – 6:00 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.



EVENT

6:30 – 8:00 A.M.

Army Breakfast

6:30 – 8:00 A.M.

Veterans Administration Breakfast

6:30 – 8:00 A.M.

Dental Technician Alliance Breakfast

GENERAL

7:00 A.M. – 4:00 P.M.

Registration Open

7:00 A.M. – 2:00 P.M.

Exhibit Hall Open

BREAK

7:00 – 7:45 A.M.

Continental Breakfast with Exhibitors

SCIENTIFIC

8:10 A.M. – 12:10 P.M.

**Innovations in Prosthodontic Therapy:
Is Digital Dentistry Ready for Prime Time?**

Moderator: Michael Moscovitch, DDS, BS, CAGS, Montreal, Canada

8:10 – 8:20 A.M.

46th Annual Session PreviewCarl F. Driscoll, DMD, FACP
ACP President-ElectJulie A. Holloway, DDS, MS, FACP
46th Annual Session Program Chair

8:20 – 8:50 A.M.

**Managing the Digital Work Flow:
A Prosthodontist's Perspective**Lars Bouma,
DDS, MS, FACP
Oklahoma City

The days of gooey dental impressions are quickly going away. Digital dentistry is here, and it is here to stay. Currently, there are several ways to incorporate digital dentistry into your restorative toolbox to fabricate crowns, bridges, dentures, and implants and to use to diagnose, treatment plan, and facilitate treatment in radiographic dentistry. This presentation will cover the use of intraoral and lab-based digital impressions. It will also discuss a complete digital workflow from the chair to the lab and back to the definitive prosthesis insert.

PROGRAM IN DETAIL

SCIENTIFIC

8:50 – 9:20 A.M.

Sebastian B. M. Patzelt,
DMD, DrMedDent
University of Freiburg
Freiburg, Germany

Clinical Decisions in Impression Making: Do You Switch to Digital?

CAD/CAM technologies have continuously advanced and evolved since their introduction in dentistry in the early 1980s. Indications for their use have expanded as well. The goals of intraoral digital impressions are precise data acquisition and reconstruction of intraoral conditions in a virtual environment. Compared to the conventional approach, currently available digital impression systems are claimed to provide faster and more accurate impressions, enabling more efficient fabrication of high-quality restorations. Thus, they are supposed to lead to a higher level of patient care and satisfaction. This presentation provides an overview of computer-aided impression making and related workflows as well as evidence-based information on the accuracy, time efficiency, and application of those devices.

9:20 – 9:50 A.M.

Naoki Aiba, CDT
Monterey, CA

Shade Communication Through the Use of Digital Photography

Dental photography can be used as a means of communication between the dentist and the technician. Ideally, the technician who is going to fabricate the restoration should see the patient and make the appropriate shade selection. However, the great majority of restorations are fabricated by offsite technicians who do not have access to the patients. Photography provides a means to bridge the “gap” between the patient and the technician regarding shade and surface character. This presentation will address what dentists and technicians need to know about photography for shade communication. A number of clinical cases will be presented to illustrate practical applications.

BREAKOUT

8:45 – 11:30 A.M.

Sponsored by:



John J. Sharry Research Competition

Chair: Radi M. Masri, DDS, MS, PhD, FACP, University of Maryland

Sponsored by the ACP Education Foundation, the John J. Sharry Research Competition is held to stimulate and acknowledge original research in prosthodontics by students. Abstracts are due by **June 1**. Visit acp45.com for guidelines and more information.

BREAK

9:50 - 10:30 A.M.

Coffee Break with Exhibitors

SCIENTIFIC

10:30 - 11:00 A.M.

Michael Bergler,
CDT, MDT
University of
Pennsylvania

Digital Workflow and Material Selection in CAD/CAM Technology

The knowledge of CAD/CAM software, milling machines, CAD/CAM materials, and handling properties as well as the combination and application of different ceramic materials is fundamental to the clinical success and longevity of the restoration. This lecture will present the possibilities and limitations of various CAD/CAM systems, detailing the capabilities of modern scanners and software and their influence on the daily lab business. Differences in scanning technology and the possibilities for the design of tooth- and implant-supported restorations, ranging from single crowns to complex full-mouth-reconstruction frameworks, will be outlined and explained. Furthermore, details about the properties and handling requirements of ceramic frame materials will be discussed with a variety of clinical cases.

11:00 - 11:35 A.M.

Lyndon F. Cooper,
DDS, PhD, FACP
University of North
Carolina

Digital Technology: Management, Execution, and Outcomes

The use of digital technology improves prosthodontics by management of clinical information within a platform that promotes collaboration. Once the patient information (from demographics to radiographs to tooth preparation to ceramic characterization preferences) is transferred to the digital workspace, the design and manufacture of restorations proceeds with reproducible high fidelity. A broad range of materials and manufacturing approaches enable individual care to be provided at the high levels expected in the specialty practice. Archived information in three dimensions follows the patient through completion to the maintenance phases of care. This presentation will illustrate the spectrum of digital technology used daily in practice and will highlight the opportunities that this technology offers to improve quality of care.

11:35 A.M. - 12:10 P.M.

Sillas Duarte Jr.,
DDS, MS, PhD
University of
Southern California

Controversies in Adhesive Dentistry: Clinical Challenges in Cementation

Performing successful and satisfying bonded restorations is still dependent on numerous factors, especially with respect to material selection and marginal integrity. Novel ultra-conservative minimally invasive oral rehabilitations depend more and more on the clinician's knowledge and skills during bonding procedures to ensure adequate longevity. This presentation provides a systematic and scientific approach for enhancing bonded esthetic restorations based on original research data with special emphasis on techniques, post-operative sensitivity control, and new material design and selection.

PROGRAM IN DETAIL

BREAKOUT

11:30 A.M. – 3:45 P.M.

ACP Member Speaker Forum

ACP members are encouraged to submit an abstract for oral presentation at the Member Speaker Forum. Time allotments are limited, and papers will be selected based on scientific content, submission date, and available time. Abstracts are due **Aug. 5**. Visit acp45.com for guidelines and more information.

BREAK

12:10 – 1:45 P.M.

Refreshment Break with Exhibitors

SCIENTIFIC

1:45 – 5:05 P.M.

Controversies in Prosthodontic Therapy:
Thinking Outside the Box

Moderator: Heather Joan Conrad, DMD, MS, FACP, University of Minnesota

1:45 – 2:25 P.M.

Fereidoun Daftary,
DDS, MScD
Beverly Hills, CA

Influences of Lifelong Craniofacial Growth:
Do We Need to Rethink Our Implant Placement?

Bone growth during adulthood has not been considered as a factor in long-term outcomes of restorative treatment planning with implants. Until recently, the effects of craniofacial growth in the adult patient have been absent from literature due to the time these changes take to manifest. Now, with decades of post-treatment observation, it is becoming apparent that for some people there are indeed occlusal, periodontal, and esthetic ramifications of this subtle continued development, which has a profound impact on both functional and esthetic outcomes of implant restorations going beyond current definitions of success. This presentation will provide an alert about the long term effects of continued craniofacial growth of adults and potential implications for intra-arch stability of teeth relative to implant restorations; inter-arch occlusal stability; and anterior esthetic stability relative to adjacent teeth and supporting periodontium.

2:25 – 3:05 P.M.

Marco Esposito,
DDS, PhD
Arcore (MB), Italy

Treatment of the Atrophic Mandible:
Short Implants vs. Longer Implants in Augmented Bone

After a brief introduction on the role of randomized controlled trials (RCTs) and systematic reviews for evaluating the efficacy of medical interventions, the data from all RCTs comparing short implants versus longer implants placed in vertically augmented mandibles will be critically evaluated.

SCIENTIFIC

3:05 – 3:45 P.M.

Matthias Kern,
ProfDrMedDent, FADM
 Christian-Albrechts
 University at Kiel
 Kiel, Germany

Two Minimalist but Efficient Treatment Modalities in Prosthodontics

About 20 years ago, two minimalist treatment modalities were introduced into prosthetic dentistry: the cantilevered all-ceramic resin-bonded fixed dental prosthesis for anterior single tooth replacement in the permanent dentition in patients of all ages; and the single midline implant for the edentulous mandible to retain a complete lower denture in elderly patients. In the meantime, these treatment concepts have been evaluated in various clinical trials. This lecture summarizes the scientific data of the trials and illustrates their clinical outcomes, showing exemplary patient cases over the long term. Overall, both treatment modalities show excellent clinical outcomes. They combine minimalist efforts with maximum benefit for patients in need.

3:45 – 4:25 P.M.

Eric Van Dooren,
DDS
 Belgium

This session is
 sponsored by:



The Influence of Prosthetic Design on Soft Tissue Stability: Concepts for Natural Teeth and Implants

The esthetic implant rehabilitation of patients with esthetically and functionally compromised dentition frequently involves a multidisciplinary approach. Achieving esthetic objectives in multidisciplinary cases represents a considerable clinical challenge. During recent years, treatment modalities and options have changed. From a surgical point of view, less invasive procedures are used in order to preserve soft tissue anatomy and minimize recession. Also, the design of implants and prosthetic components has changed in order to minimize bone resorption and soft tissue alterations. This lecture will focus on a new surgical and prosthetic approach in difficult esthetic implant rehabilitations.

4:25 – 5:05 P.M.

Donald A. Curtis,
DMD, FACP
 University of
 California,
 San Francisco

The Use of Current Technology in Understanding Controversies in Occlusion

What can be seen and measured becomes the basis of the literature from which evidence-based clinical decisions are made. On the topic of occlusion, investigators have focused on measuring forces on dentition and how those forces are controlled and how they impact both the natural dentition and our restorations. Complications are recorded when outcomes are unfavorable, but there is very little discussion of biologic adaptations, especially of tissues difficult to measure such as the PDL (periodontal ligament), cementum, and bone. The purpose of this presentation is to outline the numerous, recently measurable adaptations within the PDL, bone, and cementum with occlusal loading forces and how these adaptations have relevance to explaining outcomes basic to the success of implant and conventional restorations.

PROGRAM IN DETAIL

EVENT

5:00 – 6:00 P.M.

Sponsored by:



Student/New Prosthodontist Reception

Light refreshments will be provided.
Cash bar will be available. Business attire, please.



7:00 – 10:00 P.M.

Fee: \$185

Sponsored by:



ACP 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. Frank Tuminelli, ACP President, will present the 2015 President's Award and other Awards of Distinction. Dr. Carl Driscoll will be inducted as 2016 President.

Cash bar will be available. Business attire, please.



GENERAL

7:00 A.M. – 1:00 P.M.

Registration Open

MEETING

7:30 – 9:00 A.M.

**ACP Regional Town Hall
Breakfast Meeting (Regions 1-6)**

Enjoy breakfast and round-table discussions 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.

SCIENTIFIC

9:00 A.M. – 12:00 P.M.

Corporate Partner Symposia

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



SCIENTIFIC

1:00 – 4:45 P.M.

**The Laboratory Connection: Techniques,
Innovations, and Pearls from the Experts**

Moderator: Leonard B. Kobren, DDS, White Plains, NY

1:00 – 1:45 P.M.

Adam J. Mieleszko,
CDT
New York

**Canvas Equalization Technique:
Shade Matching of Dissimilar Restoration Types**

In today's minimally invasive esthetic dentistry, anterior porcelain laminate veneers are restorations of choice. Very often they are coupled with existing full coverage and implant-supported crowns. Those complex mixed restoration type cases create challenges in uniform color matching and similar light transmission. Difficulty in material selection to obtain optimal results as well as communicating and providing sufficient information become key factors of the overall success. Solutions to managing non-uniform and discolored tooth preparations for all-ceramic restorations will be explained. In addition, various techniques of color management with step-by-step approaches will be illustrated through clinical case presentations.

PROGRAM IN DETAIL

SCIENTIFIC

1:45 – 2:30 P.M.

Haim Keren,
CDT, MDT
Westmount, Quebec

Comprehensive Digital Workflow: From Digital Impression to Final Restoration

This presentation will focus on zirconia restorations as the ultimate alternative to metal-based restorations. Laboratory protocols will be shown for designing and manufacturing zirconia restorations of different complexities, from the digital or analog impression to the final restoration. Prosthetic prototype as a communication and collaboration tool between clinician and technician will be discussed. Special emphasis will be placed on digital processes and their advantages in the production of zirconia restorations. Different uses of digital files will be demonstrated, and advantages of digital dentistry will be discussed.

2:30 – 3:15 P.M.

Robert Kreyer, CDT
Cupertino, CA

Optimal Solutions for the Edentulous Patient

Digital dentistry has changed communication and collaboration. This presentation discusses how to implement a digital CAD/CAM workflow process for complete prosthetics. When planning treatment options for a compromised edentulous patient, computer-aided design enables us to precisely understand all the biologic and bio-mechanic variables involved. With virtual diagnostic design capabilities, we can precisely measure the existing and required restorative space within inter-residual ridge relationships. To virtually design a mucosa-supported complete denture or transition to an implant-supported prosthesis, computer-aided engineering seamlessly enables clinicians and technicians to create a prosthetic plan- and optimal solution- for the edentulous patient.

3:15 – 4:00 P.M.

Jungo Endo, RDT
Santa Monica, CA

Management of Gingival Ceramics: Creating a Balance between Implant Restorations and Nature

Traditionally, an unesthetic outcome for partially edentulous and edentulous patients with implant rehabilitations was created due to the excessive use of tooth colored ceramics and a limited utilization of soft-tissue colors. Using both tooth and soft tissue colored ceramics allows for a more desirable esthetic outcome by creating a mirror of preexisting soft and hard tissue. This type of treatment takes into account lip support and loss of biological tissues as well. Today, patients' high esthetic demands require pushing the envelope to recreate periodontal tissues and teeth once lost, and in turn, giving restorations a more natural look with proper esthetic contours. This lecture will explain what possible problems may present in highly esthetic demanding cases and how to solve them.

SCIENTIFIC

4:00 – 4:45 P.M.

Naoki Aiba, CDT
Monterey, CA**Non-Invasive Porcelain Laminate Veneers**

With the recent trend of non-invasive or minimally invasive dentistry comes the challenge of making veneers with very little or no preparation. Compared to refractory die or pressed techniques, platinum foil technique is a cost- and time-effective method for fabricating porcelain laminate veneers. The platinum foil technique allows ceramists to finish very thin margins since it does not require sandblasting to remove refractory materials. However, the laboratory procedure is not well-established. This lecture will demonstrate a step-by-step procedure for fabricating non-invasive porcelain veneers; with a focus on the foil swaging technique for covering the entire labial surface of a microdont, such as peg laterals; and covering only the interproximal and/or incisal edge for closing diastema.

WORKSHOP

1:00 – 5:00 P.M.

Fee: \$50

Transitioning into Private Practice

You're completing your residency or military career, and you're thinking about going into practice. "Do I associate with another practice, start from scratch, or buy an existing practice?" These are very important questions that can have unique answers for the prosthodontist. This course is designed to help you begin your new career. All speakers have in-depth, first-hand experience with operating a prosthodontic practice.

1:00 – 1:50 P.M.

Moving into an Existing Practice: Associate/Buyer Contracts

Lars Bouma, DDS, MS, FACP,
Oklahoma City

1:50 – 2:40 P.M.

Dream to Completion: What You Need to Know to Start from Scratch

Nadim Z. Baba, DMD, MSD, FACP,
Glendale, CA

2:40 – 3:30 P.M.

Picking the Ideal Location from a National Perspective

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

3:30 – 3:45 P.M.

Break

3:45 – 4:30 P.M.

What 25 Years in Private Practice Prosthodontics Has Taught Me

Paul Scruggs, DDS, PA,
Raleigh, NC

4:30 – 5:00 P.M.

Panel Discussion and Q&A

REGISTRATION & GENERAL INFORMATION

Register by Sept. 14 and Save!

	BEFORE SEPT. 14	AFTER SEPT. 14†
Member/Fellow*	\$750	\$900
Non-Member Dentist	\$1425	\$1575
Resident/Graduate Student Member	\$250	\$400
Predoctoral Student Alliance Affiliate	\$250	\$400
Academic Alliance Affiliate	\$550	\$700
Global Alliance Affiliate	\$550	\$700
Forum Organization Member**	\$850	\$1000
Dental Technician Alliance Affiliate	\$350	\$500
Non-Affiliate Dental Technician	\$850	\$1000
Advanced Program & Graduate Student Alliance Affiliate	\$250	\$400
Dental Assistants, Hygienists, Office Staff	\$255	\$405
Companion Registration***	\$100	\$125

† 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. This is not intended for prosthodontists or other dental professionals. All dental professionals will be required to pay the full registration and ticket fees to access the continuing education sessions at the meeting.

Workshop and Other Fees

Board Preparation Course	\$400
Welcome Reception	\$50
ACP Annual Awards & President's Dinner	\$185
Transitioning into Private Practice	\$50

Invite your referral network!

Do the members of your referral network understand the skills and expertise you bring to patient care? The ACP Annual Session is a great opportunity to build referrals and improve your practice by inviting dentists 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 \$600 each. Download the referral form from acp45.com. Return the form by email to jmcdaniel@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.

General Information

On-site Registration Hours

Tuesday, Oct. 20	4:00 p.m. – 7:00 p.m.
Wednesday, Oct. 21	6:00 a.m. – 6:00 p.m.
Thursday, Oct. 22	6:00 a.m. – 5:00 p.m.
Friday, Oct. 23	7:00 a.m. – 4:00 p.m.
Saturday, Oct. 24	7:00 a.m. – 1:00 p.m.

Lab Coat Photo Booth Hours

Wednesday, Oct. 21	7:00 a.m. – 4:00 p.m.
Thursday, Oct. 22	7:00 a.m. – 4:00 p.m.
Friday, Oct. 23	7:00 a.m. – 4:00 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, 2016.

To join, download a membership application from Prosthodontics.org and submit it with your completed Annual Session registration form with full payment by Sept. 14. 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 or by phone at (312) 573-8790.

Register Early

Complete your registration form online or mail/fax by Sept. 14 to avoid late fees. 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 immediately 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 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. 14. However, no refunds will be issued for the Board Preparation Course because of the pre-order of required course materials. A 50% refund minus the \$50 processing fee will be issued if written notice is received between Sept. 14 and Sept. 28. No refunds will be issued after Sept. 28; 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.

REGISTRATION & GENERAL INFORMATION

Kosher Meals

Kosher meals are available upon request. To request kosher meals, please email 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 Scientific Session room, but may attend social events with ticket purchase.

Continuing Education Credit

25 hours are available at the 2015 Annual Session. This includes the Scientific Session, the Resident & Dental Student Poster Session, and Corporate Partner Symposia. You may obtain additional credits by registering for pre- and post-conference workshops on Wednesday and Saturday.

ADA CER-P® | Continuing Education Recognition Program

The American College of Prosthodontists is an ADA CER-P Recognized Provider. ADA CER-P is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CER-P does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to ADA CER-P at 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

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 scientific 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 scientific sessions, the exhibit hall, early bird 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.



Hotel and Travel

Hotel Information

Renaissance Orlando at SeaWorld
6677 Sea Harbor Drive
Orlando, FL 32821

Group Rate: \$239 single/double exclusive of applicable taxes. The deadline to receive the ACP group rate is Sept. 21.

Reserve your room online at
<https://resweb.passkey.com/go/ACPOct2015>.
Please note that the ACP holds rooms for the meeting attendees 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 Sept. 21 deadline.

Travel Arrangements

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

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211 E. Chicago Ave.
Suite 1000
Chicago, IL 60611

Register by **Sept. 14**
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