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FROM THE EDITOR

Planting the seeds for healthy, beautiful smiles

Lyndon F. Cooper, D.D.S., Ph.D.
ACP Messenger Editor-in-Chief

In this spring issue of the ACP Messenger, our news and reports reflect this refreshing and optimistic time of year. Tolstoy wrote, “Spring is the time of plans and projects.” Perhaps spring is the season that best represents the prosthodontist.

“What emerges is a stronger specialty, better able to provide outstanding care for patients.”

This issue features remarkable case reports that blend age-old problems of missing one or many teeth with the newest of solutions for their replacement. Patients missing a single tooth or those missing many teeth have new options for tooth replacement, typically involving dental implants. The news from our ACP members highlights a mix of compassion and expertise that is served by the newest of dental procedures, dental technology and materials. These are the seeds of our spring, planted by prosthodontic leaders in the world of dental implants, clinical prosthodontics and new ceramic materials.

Our specialty has evolved from a traditionalist focus with a reputation for treating patients at the end of their dental lives to a truly innovative specialty with a cohort of early adopters and pioneers who bring new solutions and opportunities to a wide range of young and old individuals needing oral health care. Our well-trained and highly motivated prosthodontists are the caretakers of these new ideas. They water these “seeds” and weed the fields of new ideas by participation in clinical innovation and acknowledgement of evidence-based approaches to adopting these new therapies. What emerges is a stronger specialty, better able to provide outstanding care for patients.

Whether your interests are piqued by this ACP Messenger’s highlights on new ceramic materials, dental implant therapy for one or many missing teeth or new manufacturing techniques for removable partial dentures, each of these stories includes one seed that we prosthodontists are propagating throughout our professional spring. The results we make available to each of our patients are revealed in the healthy and beautiful smiles created from remarkably grown professional skill.

About the author

ACP Fellow Dr. Lyndon F. Cooper is the Chair and Stallings Distinguished Professor of Dentistry of the Department of Prosthodontics at the University of North Carolina at Chapel Hill. He is a Past President of the American College of Prosthodontists as well as the Editor-in-Chief of the ACP Messenger.
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Case Presentation

How dental implants can bring back your smile

Jonathan L. Ferencz, D.D.S., F.A.C.P.

Prosthodontists offer beauty through precision. This case presentation exemplifies the careful planning, materials selection and execution of care used by prosthodontists to attain outstanding, individualized esthetic results.

Many people reach adulthood naturally missing one of their front teeth on either side called the lateral incisor. This usually occurs because the permanent adult tooth never developed beneath the baby tooth. Other times, people may lose the tooth due to trauma.

In the past, dentists typically would replace a missing tooth with a bridge, which essentially provides a false tooth in the open space that is held in place by crowns cemented to the teeth on either side. Although this type of treatment is durable, it means that if those teeth on either side are healthy, dentists must still remove tooth structure anyway to ensure the crowns fit correctly and remain secure.

Today implants are the treatment of choice for single missing teeth, offering several advantages. They are more durable and stable compared with traditional dental treatments, and dentists can preserve the healthy teeth on either side of the missing tooth. Implants also maintain underlying bone and gum tissue while creating a natural-look. Although implants may not be the best option for everybody, for many it is the ideal solution when they are missing a lateral incisor and the teeth on either side are healthy and/or require only minimal or no treatment. Patients seek lasting and esthetic treatment that can enhance their appearance and maintain their health.

The patient in this case was missing a lateral incisor that was replaced with an implant and a new and durable ceramic crown system known as IPS e.max. The central incisor (the bigger front tooth) was also severely discolored compared to the other front tooth and was treated using a veneer (Image 1) without having to use the dental drill.
To begin treatment, a surgical guide was created to precisely place the implant. After the implant was placed, an impression was taken in the mouth to facilitate attaching the new crown and help the dentist design the special ceramic crown system to replace the missing lateral incisor (Image 2). The ceramic tooth fabrication system is a multi-step process that uses a computer design and fabrication process. The result is a tooth foundation that attaches to the implant (Image 3). This foundation tooth is tried in the mouth to confirm the fit and ideal position for a beautiful smile (Image 4).

A layering technique of dense 'pressable' material is used for both the crown and veneer (Image 5). This material is covered with a porcelain that can be colored and characterized to match the existing teeth (Image 6). The restorations are shaped and adjusted into their correct position (Image 7). Patients benefit dramatically from the prosthodontist’s expertise regarding these materials and new technologies.
At the final appointment, the tooth foundation was first tightened into place. Then, the dentist completed treatment by bonding the restorations into place using cement (Image 8).

When a patient is missing a tooth in between two healthy teeth, an implant restoration can be a reliable, durable and long-lasting treatment that preserves the teeth on either side. In this case, the central incisor also needed treatment to correct its deep discoloration, but could be completed without drilling on the tooth. High-strength cutting edge dental materials (lithium disilicate) kept this treatment minimally invasive.

Acknowledgements:
Burton Langer, D.M.D., periodontist
Pasquale Fanetti, R.D.T., dental technician

About the author
ACP Fellow Dr. Jonathan Ferencz received his dental degree and prosthodontics specialty training from New York University College of Dentistry. He currently serves as Clinical Professor of Prosthodontics at NYU and special assistant to the Dean as well as maintains a private practice in New York. Dr. Ferencz also is a Past President of the ACP.

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IPS e.max lithium disilicate restoration #7, 8, 9, 10.
Restorative team Johnson, Plagod, DDS, MAGD, AAACD and Bay View’s Rick Shepherd, CDT.

Background photo courtesy Ivoclar Vivadent – microstructure of IPS e.max CAD lithium disilicate.
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In the Office

Are dental implants a good option for you?

Carlo Ercoli, D.D.S., F.A.C.P.

When considering tooth replacement, the dental implant is often a great alternative. Consultation with a prosthodontist can reveal some of the remarkable benefits of dental implant therapy.

You are sitting in your prosthodontist’s office suspecting problems with your teeth. The first question that might come to mind is “What’s next? I have paid attention to my oral hygiene, visited the dentist regularly, brushed and flossed (well, maybe not every day…) and still I might lose a tooth.” This certainly can be upsetting, but remember that your tooth has given you remarkable service, one that has lasted from childhood to adulthood. Very few of our worldly possessions last 50-60 years.

Although it is upsetting to lose a tooth, be reassured that thanks to advances in biology and technology, your prosthodontist is able to safely and effectively replace a lost tooth with a dental implant crown.

Although it is upsetting to lose a tooth, be reassured that thanks to advances in biology and technology, your prosthodontist is able to safely and effectively replace a lost tooth with a dental implant crown.

You may be thinking, “Easier said than done, I’ve heard horror stories of people losing their dental implants and how expensive they are.” While it is common to only hear the bad, you should know that modern dental implants are probably the most successful treatment option that we have today to replace missing teeth with success rates of 92% to 99%. While dental implants have a cost, they actually provide the best value to replace your missing tooth. You may also be thinking, “Am I healthy or young enough to have a dental implant placed?” Well, your prosthodontist will consult with your physician in case you have an uncontrolled disease like diabetes or some form of blood or immunological
The majority of patient situations allow for the placement of dental implants regardless of age. If you smoke it is also never too late to consider quitting. While implants can be placed in a smoker, their success rate goes down to about 80%, depending on the years you have been smoking and the number of cigarettes smoked each day. If you are trying to quit ask your prosthodontist about some of the ways to help you.

“Is it painful?” or “Will I need to be out of work?” These are legitimate questions, but you should know that in the majority of cases, the discomfort that you will feel after the surgery is very minimal. For most routine implant surgeries, you will not need to be away from work for more than a half day.

You may also be concerned about the time it will take for implant treatment. Some patients ask, “Is it quicker to make a conventional bridge since I can’t take much time from work?” While the latter is sometimes true, today with new implant surfaces, surgical techniques and enhanced understanding of the bone and tissue healing, your prosthodontist is able to place a crown, a bridge or a denture 4-6 weeks after the implant is placed and sometimes even at the time that the implant is surgically placed.

“You just mentioned that there is a crown or a bridge on the implant. Aren’t the implant and the crown the same thing?” No, the implant replaces the root of the tooth (it is placed below the gum line in the jaw bone), much like the foundation of a house. The crown or bridge is what you see in your mouth coming out from the gums.

“My tooth just broke. How long will this implant and crown last?” Nothing lasts forever and your prosthodontist will tell you that good oral hygiene at home and seeing your dentist on a regular basis for cleanings and check-ups make any dental work last longer. If properly taken care of an implant crown or a bridge can last for many years. Did we also mention that implants do not get cavities?

Go ahead ask your prosthodontist about dental implants and you will surely find out that “Yes, dental implants are a great treatment option for me.”

About the author
ACP Fellow Carlo Ercoi, D.D.S., F.A.C.P. is Chair and Program Director of the University of Rochester Eastman Dental Center Postgraduate Prosthodontic Program. Dr. Ercoi earned his D.D.S. from the University of Siena and his certificate in prosthodontics at Eastman Dental Central in Rochester, New York where he also completed a one-year training in temporomandibular joint disorders. He also maintains an intramural practice limited to prosthodontics.
Old meets new

Keith M. Phillips, D.M.D., M.S.D., F.A.C.P.

Removable partial dentures have taken a back seat to fixed replacement options involving dental implants, but the cost of such therapy is beyond reach of some patients. Here we explore the invigoration of removable partial denture therapy using dental implants to stabilize and improve the comfort and confidence of the removable partial denture patient.

The prosthodontist is typically the first to be on the cutting edge of technologies used to treat their patient’s myriad of dental problems. Many times these newer technologies are able to completely replace previous treatments. Other times they can be used in conjunction with older modalities to improve the overall outcome and provide a long-term, stable and durable remedy.

One clinical situation that has been difficult to treat predictably is the replacement of teeth lost in the back jaw in which there is no back tooth to anchor the prosthesis. A typical way to restore in this situation is with a removable partial denture which is retained with clasps on the front teeth. The rest of the prosthesis with the denture teeth is supported by the remaining gum tissue. There are problems that can occur over time such as gum and bone changes under the base of the removable partial denture which can affect the quality of the fit and bite. This can cause chewing difficulties and discomfort. If the issue is not addressed in a timely manner then there can be excessive bone loss or further tooth loss. One way to minimize the risk of this occurring is with the use of dental implants.

Dental implants can help when there are missing back teeth. Back teeth can be replaced with a fixed partial denture or “bridge.” If there is not enough bone for dental implants or cost, then a single implant can be placed in the back part of the jaw to give support to the removable partial denture. The implant can then either act as a support for the prosthesis or a special attachment can be used to retain the removable partial denture eliminating the need for clasps on the teeth. This creates a more esthetic restoration. Replacing missing teeth with dental implants also helps preserve the underlying bone tissue supporting the restoration.

The world of prosthodontics has many tools available for the restoration of our patient’s dental and oral problems. The ability to marry “old” technologies with the “new” avails us to many options that will best fit our patient’s situation.

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About the author

Keith M. Phillips received his D.M.D. from the University of Pennsylvania School of Dental Medicine, a certificate in prosthodontics with an M.S.D. from the University of Washington and is a Diplomate of The American Board of Prosthodontics as well as a Fellow in the American College of Prosthodontists. He is currently an affiliate Associate Professor at the University of Washington, The University of Southern California, and Tufts University. Dr. Phillips maintains a private practice in Tacoma, Washington with major areas of focus on periodontal prosthodontics, implant surgery and implant assisted oral reconstruction.
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Digital partial denture frameworks

Robert Kreyer, C.D.T.

Throughout the history of removable prosthetics and removable partial dentures there has been an evolution of techniques and technology. Partial dentures were once created by bending metal wires to fasten ivory teeth on a frame replacing missing natural teeth. In 1899 Bonwill described clasp teeth with individually contoured gold circular clasps that were then linked to a main plate or connector.

The first commercially available instrument to aid the dentist in designing partial dentures was developed by Weinstein and Roth in 1921. The instrument has been used for more than 70 years to custom design removable partial dentures. The fabrication process involves multiple technique sensitive steps involving duplication, waxing and casting. The computer age has given us a more accurate process that significantly reduces these technique sensitive steps.

This article shows the design versatility potential of the 3shape software. This digital design process begins with blocking out and waxing the master cast image shown in photo 1 by scanning the cast with a 3shape 710 scanner. After the scan is completed, the partial denture framework design is completed following the prosthodontist’s prescription. The blue rod in the center of the palate is the digital equivalent of the analyzing rod of a mechanical dental surveyor capable of given 3D measurements (the color chart line on the right of Image 1). The digitally designed partial can be sprued (a passage through which liquid material is poured into a mold) for printing in a resin-based pattern. Print sprues are then removed and the

3D measurements of the digitally designed removable partial dentures (RPDs) are shown.
The RPD design is outlined as well as the undercut depth colors.

Virtual articulation is used to create occlusal contacts in digital onlays.

Completed digital waxed RPD framework being removed from master cast to verify the path of insertion and display internal finish lines, tissue stops and adaptation.

completed pattern is tried on the master cast. Once the framework pattern is verified on the master cast the pattern is then sprued, invested, burned-out, cast, finished and polished. This digital process eliminates many of the variables associated with the traditional partial denture metal framework fabrication involving duplication, waxing and casting. Also the digital design creates a precise and uniform digital pattern compared to the traditional hand waxing technique. Digital patterns can verify measurement parameters of clasps as well as major and minor connectors. The digital design format can be used for case planning, RPD frameworks, implant bars and complete dentures.

Reference:

Precision Milling and Partial Denture Construction Modern Design Efficient Production Henning Wulfes Bego Germany 2004

About the author
ACP dental technician alliance member Mr. Robert Kreyer C.D.T. is a third generation dental technician and received his technical training from the U.S. Army Medical Field Service School and education as member of various prosthodontic study groups at the University of California San Francisco and University of Southern California. He is a BPS Technical Instructor for Ivoclar Vivadent and has written numerous articles on removable prosthodontics. Currently, Mr. Kreyer is the Director of Removable Prosthodontics for Microdental/DTI in Dublin, California.

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ACP encourages specialization to dental students

ACP Minnesota members represented the College during the American Student Dental Association Annual Session in Minneapolis this past March.

As a Gold Sponsor, the ACP participated in several events during the conference attended by more than 450 dental students across the country. ACP members Heather Conrad, D.M.D., F.A.C.P. F.R.C.D. (C), Minnesota Section President Jonathan O. Twomey, D.D.S., M.S. and Walter Warpeha, D.D.S., M.S.D., F.A.C.P. shared insights about the specialty during the Welcome Reception and luncheons for all attendees. ACP President Lily T. Garcia, D.D.S., M.S., F.A.C.P. spoke to the group on Saturday providing information on how the College supports dental students interested in becoming prosthodontists.

Student members Kendall James, D.D.S. and Lynn Kiangsoontra, D.M.D. from the University of Minnesota School of Dentistry answered questions on residency during the Exhibit Fair and Reception.

“Participation at ASDA’s Annual Session is essential to bring awareness of the specialty to dental students and to encourage them to consider specializing in prosthodontics,” said Dr. Conrad.

“Most attendees that we talked to were first or second year dental students who were not aware of all the career options available to them. Several attendees became members and expressed an interest in applying to a post-graduate program. Promotion of the specialty early in dental school is essential for thoughtful planning by the dental students.”

ACP member receives achievement award

ACP member Dr. Kenneth W. Gehrke, Clinical Assistant Professor of Restorative Dentistry at the University of Illinois at Chicago College of Dentistry, received the College’s E. Lloyd Du Brul Faculty Achievement Award in April 2012. The award is presented for significant and meritorious activity as a faculty member, reflecting Dr. Du Brul’s commitment to excellence in education.

“I am honored to have been considered for this award. My primary goal is to provide an educational experience for students that will provide individuals with the knowledge and skills necessary for the competent and ethical practice of dentistry in a private practice setting. As an educator, I also strive to develop an environment of cooperation, mutual respect, and collegiality between students and faculty.”

Dr. Gehrke has been a member of UIC’s faculty since 1982. He developed UIC’s Removable Partial Denture Education and Patient Care Policies and Guidelines and currently serves on the Dr. Allen W. Anderson Faculty Dental Practice Management Committee.

GNYAP installs 2012 Board

The Greater New York Academy of Prosthodontics installed their 2012 Officers at a gala dinner dance at New York’s Metropolitan Club, overlooking Central Park at the conclusion of the Academy’s 57th annual Fall Scientific Session. The meeting was held on December 2-3, 2011 at The Jazz at Lincoln Center with over 600 in attendance. Pictured below are the 2012 GNYAP Officers – (from left to right) Graziano Gilgio, D.D.S., F.A.C.P. (President-Elect), Lawrence Brecht, D.D.S. (Vice President), Bruce Valauri, D.D.S., F.A.C.P. (President), Todd Lerner, D.D.S., F.A.C.P. (Treasurer), James Hudson D.D.S. (Secretary), Hans–Peter Weber, D.M.D. (Councilor), and Frank Tuminelli, D.M.D., F.A.C.P. (Immediate Past President).

ACP Past President inducted into the Royal College of Surgeons

Charles J. Goodacre, D.D.S., M.S.D., Dean of Loma Linda University School of Dentistry, was inducted into the Royal College of Surgeons in Ireland (RCSI) at the end of 2011. He is one of two American dentists in the RCSI, which has only six dentists enrolled as members.

The RCSI has played a major role in medical education and training in Ireland. Founded in 1784 to train surgeons, the College today provides extensive education and training in the health care professions at undergraduate and postgraduate level. Dr. Goodacre currently is Dean of the Loma Linda University School of Dentistry, a Diplomate of the American Board of Prosthodontics and Past President of that Board. He is a Past President of the American College of Prosthodontists and Academy of Prosthodontists. Dr. Goodacre received his D.D.S. degree from Loma Linda University School of Dentistry and completed a three year combined program in prosthodontics and dental materials at Indiana University School of Dentistry and earned his M.S.D. degree.
Pioneers in Prosthodontics
Single Provider Implant Therapy

May 4-5, 2012

Prosthodontists are uniquely positioned and qualified to address the needs of patients needing or requiring immediate implant placement and restoration as single providers of implant therapies. This seminar will introduce the skills and knowledge necessary for a prosthodontist to begin the educational and clinical journey to be able to deliver single provider care in implant dentistry. The faculty for the weekend are innovators, teachers and pioneers advancing the role of prosthodontists in providing complete implant therapies.

Upon completion of this course participants should be able to:

- Demonstrate the use of proper patient selection criteria for implant placement and restoration.
- Utilize knowledge of anatomy as it directly relates to success, safety and predictability.
- Explain the history, development and limitation of immediate loading.
- Illustrate the predictable treatment of the atrophic maxilla.
- Discuss the critical role the prosthodontist plays in the contemporary oral health care environment.
- Identify prognostic variables for predictable anterior implant esthetics.
- Describe treatment planning for anterior single immediate tooth replacement.
- Explain basic diagnosis / treatment planning issues and basic surgical techniques, with emphasis on single tooth replacements.
- Recognize the elements of comprehensive single provider care.

Speakers:
- Thomas J. Balshi, D.D.S., F.A.C.P., Prosthodontics Intermedica Dental Center, Fort Washington, PA
- Stephen D. Campbell, D.D.S., M.M.Sc., F.A.C.P., University of Illinois at Chicago College of Dentistry, Chicago, IL
- Joseph Y. Kan, D.D.S., M.S., Loma Linda University School of Dentistry, Loma Linda, CA
- Paul A. Schmitman, D.D.S., M.S.D., Wellesley Hills Medical Center, Wellesley, Hills, MA

Course Director:

ACP student member recognized as an alumni of the decade

ACP student member Ryan Sheridan, D.M.D. was recently honored at the New Jersey Dental School Dental Association Alumni Banquet as one of five alumni from the last five decades receiving the NJDS Dental Alumni Association Decade Award. Dr. Sheridan was chosen for the years 2000-2010. The NJDS Dental Alumni Association has established these awards for alumni that have made significant contributions that have impacted the profession of dentistry. The goals of the establishment of these awards are to recognize those alumni from each decade, to create good will and bridge the gap from being a recent graduate, to a young alum to that of established alumni, in essence to draw the family of all graduating years from NJDS closer.

About Dr. Sheridan
- Dr. Sheridan received his D.M.D. from the University of Medicine and Dentistry of New Jersey. He is currently in the Prosthodontics Program at the University of Texas Health Science Center in San Antonio.
In early January, the Officers of both the ACP and the ACPEF Board of Directors met in Chicago for a strategic planning session. The purpose of the meeting was to understand and establish an effective process for funding the programmatic priorities of the College, and to define a shared vision between the two groups to build a compelling case for future fundraising.

As the ACP's second capital campaign Vision 2012 comes to a close, the Foundation is aware that in order to continue to fund projects of the ACP, we must be more strategic in our fund raising goals, or be prepared to make difficult decisions as to what programs we will not be able to continue to fund. Additionally, for future fundraising activities, the ACP must develop a more focused strategic vision that our members, and our corporate sponsors, can be excited about. One of the most important things we learned is the difference between the ACP's tax status (a 501c 6 organization) and that of the Foundation (a 501c 3 organization).

The difference lies in the fact that the Foundation cannot fund projects that have direct benefit to our members, but can fund projects that benefit the “greater good.” The ACP can fund projects that directly benefit our members (like a PR campaign), yet the ACPEF cannot. At the end of the session, I believe we all came away with a renewed enthusiasm for the goals of both organizations, for our ability to revise funding requests such that we are funding projects proactively, rather than reactively, as has often occurred. Stay tuned for a leaner, more effective Education Foundation!

About the author

ACP Fellow Dr. David Felton, is Dean of West Virginia University's School of Dentistry. He completed his D.D.S. and M.S. (prosthodontics) degrees at the University of North Carolina's School of Dentistry where he later served as Chair of Graduate Prosthodontics. Dr. Felton is a Past President of the ACP and currently serves as the ACP Education Foundation Chair and Editor-in-Chief of the Journal of Prosthodontics.

ACP/ACPEF Young Prosthodontist Innovation Award Applications Being Accepted

The goals of ACP/ACPEF sponsored research are to advance our understanding of prosthodontic related biological and/or materials systems, human behavior, cost and care delivery as well as economic modeling and quality of life investigations.

The scope of research will entertain any area of science that contributes to the understanding of prosthodontic tooth replacement therapies. The deadline for submission is September 14. Download the call for submissions for more information on the ACPEF Homepage at www.acpef.org.

2013 Research Fellowships Call for Applications

The American College of Prosthodontists Education Foundation is committed to assisting the dental profession in its quest for continuous improvement in clinical care. This fall, the ACPEF will be awarding research fellowship grants in the amount of $6,000.

These will be awarded to support meritorious research proposals that seek to advance basic scientific and applied clinical knowledge in the area of prosthodontics.

Applications are due October 12. For more information visit the ACPEF Homepage at www.acpef.org

ACP Education Foundation

What’s new in the ACPEF?

David A. Felton, D.D.S., M.S., F.A.C.P.
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Thanks to the developed high technology and the best quality of our materials, we can guarantee you a high resistance, constant shrinking value and high translucency, which form the basis for optimal precision and incomparable aesthetics.
Start planning today for the ACP’s 42nd Annual Session at the Marriott Baltimore Waterfront, Oct. 31 – Nov. 3. Focusing on the theme Transforming Lives, this year’s event will celebrate the impact prosthodontists have on the well-being of their patients. Four full days of programming feature a lineup of the top researchers, educators and teachers in prosthodontics presenting on how those in the specialty transform the lives of their patients every day. This year the Annual Session Committee has invited world class speakers to address the most pertinent topics in dentistry today. They will present clinical topics backed by the best information available. We have compiled a mix of traditional prosthodontics and contemporary ideas.

Wednesday kicks off the week by bringing back three ever popular early bird workshops: Advances in Maxillofacial Prosthetics, the International Practitioners Symposium and the Patient Management Workshop. Reconnect with friends and colleagues that evening at the Welcome Reception being held at the Marriott.

“Four full days of programming feature a lineup of the top researchers, educators and teachers in prosthodontics presenting on how those in the specialty transform the lives of their patients every day.”

Thursday opens the General Session with the theme of Transforming Lives: Generations of Smiles. The goals, needs and risks of treating different categories of patients will be addressed by a variety of speakers intended to highlight prosthodontics at its best. The morning session will illustrate the current state of the prosthodontic clinical art and science. The Thursday afternoon session focuses on Transformative Materials: Knowledge Today for a Better Practice Tomorrow. Topics will include biomaterials, monolithic and bi-layered ceramics, cements, restoration of endodontically treated teeth, CAD / CAM in removable prosthodontics and material choices.

The Friday morning program is titled Transforming Lives: What Every Prosthodontist Needs to Know. This session promises to provide a state of the art update on a variety of concepts. Finally take a moment to celebrate the accomplishments of the specialty as well as the 42nd President Dr. Lily T. Garcia at the Annual Awards & President’s Dinner.

Prepare for another full day of course offerings on Saturday. Have breakfast with your fellow members at the Regional Town Hall Meeting and then make your way over to the Technology Forum. Plan to attend the returning Digital Dental Technology Symposium Saturday afternoon as you end your week with the College.

Online registration is coming soon. Mark your calendar now and plan to attend the ACP’s 42nd Annual Session this fall. Visit www.prosthodontics.org/AS for all the latest Annual Session news. See you in Baltimore!
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Case courtesy of Anthony LaVacca, DMD
Prosthodontist, Naperville, IL

TESTIMONIAL

“As a Chicago police officer for 40 years, I witnessed many difficult situations and hardships. I am now retired and ready to live my life to its fullest. My smile has been missing but I've found it again thanks to a wonderful dentist and laboratory. For me, circumstances have changed for the better – and it began with my smile!”

- Kathleen, actual patient of LSK121

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ANNOUNCEMENTS

ABP examiner elected

The Council for the American Board of Prosthodontics is pleased to announce that Dr. David A. Felton has been elected as the new examining member of the American Board of Prosthodontics replacing President Carl F. Driscoll. Dr. Felton received his certificate in prosthodontics, along with his M.S. degree, from the University of North Carolina in 1984. He held a full-time faculty position at UNC from 1984 until 2011. Currently Dr. Felton is the Dean of West Virginia University School of Dentistry. He has served with the Council on Dental Accreditation for Graduate Prosthodontics Programs with the ADA for a number of years, and has conducted several site visits. Dr. Felton also serves as the Editor-In-Chief for the Journal of Prosthodontics. He successfully challenged the ABP examination in 1996, and completed his re-certification in 2004. The Council members appreciate the high level of participation in this year’s election. The right to vote for the new examining member of the ABP is one of the key privileges of becoming a Diplomate of the specialty. The Council will continue to work on behalf of the specialty to search and help identify the best possible candidates to become Examiners for the American Board of Prosthodontics.

New ACP Board members appointed

The ACP Board of Directors appointed Captain Robert M. Taft, D.D.S., M.S., F.A.C.P., Maxillofacial Prosthetics Division Director. Capt. Taft will serve the full three-year term in the position. “The recent appointment as the Maxillofacial Prosthetics Division Director to the ACP Board of Directors has been a vision of ACP Immediate Past President Wiens and a tremendous forward step for future continued collaboration and strategic planning,” said Capt. Taft. “The end result is that both specialties and the patients we treat will directly benefit from this professional alignment. I am honored to hold the position and am excited about our future.”

The Maxillofacial Prosthetics Division Director is a new position recently approved by the ACP membership. A task force was formed two years ago to study the feasibility of the new position. Capt. Taft will serve the full three-year term of the position. The Maxillofacial Prosthetics Division Director to the ACP Board of Directors has been a vision of ACP Immediate Past President Wiens and a tremendous forward step for future continued collaboration and strategic planning,” said Capt. Taft. “The end result is that both specialties and the patients we treat will directly benefit from this professional alignment. I am honored to hold the position and am excited about our future.”

The ACP Board of Directors also appointed Victoria A Vickers, D.D.S. the new Public Relations & Communications Division Director for the College. Dr. Vickers will complete a full three-year term in the position. She is also the Regional Membership Director for Region 4. “I am so pleased Dr. Vickers has joined the ACP Board of Directors,” said ACP President Dr. Lily T. Garcia. “She has thrived in practice and has extensive involvement through ADA component organizations which continues to broaden the depth and breadth of experiences that our member volunteers bring to our organization.”

Dr. Vickers brings 20 years of full-time private practice experience to the ACP Board of Directors. Her practice knowledge includes partnership in one of the earliest group practices in San Antonio. She practices as part of a multi-disciplinary team with vast experience in marketing for a private practice in a highly competitive environment. Her group has established marketing protocols as well as website design which reflect many of the College’s private practice members. Dr. Vickers received her D.D.S. from the University of Texas Health Science Center at San Antonio Dental School then completed her specialty training in prosthodontics. In addition to working in private practice she also serves as a part-time Clinical Associate Professor at the University of Texas Health Science Center at San Antonio.

The ACP Board of Directors has been a vision of ACP Immediate Past President Wiens and a tremendous forward step for future continued collaboration and strategic planning,” said Capt. Taft. “The end result is that both specialties and the patients we treat will directly benefit from this professional alignment. I am honored to hold the position and am excited about our future.”

Alan B. Carr, D.D.S., M.S., F.A.C.P. was appointed as the new Education and Research Division Director of the College. Dr. Carr will complete the remaining term previously held by Clark M. Stanford, D.D.S., Ph.D. which will end in 2013. “Serving the needs of our patients is best accomplished through clinical care efforts founded on scholarly clinical science,” said Dr. Carr. “As a dental specialty charged with providing primary care to adults, the ACP is in position to lead in providing scholarly clinical science by combining the best practice-based evidence with evidence-based practice precepts.”

Dr. Carr is Professor of Dentistry, Division of Prosthetic and Esthetic Dentistry at the Mayo College of Medicine. He received his prosthodontic training at Mayo and taught at Marquette University School of Dentistry and The Ohio State University College of Dentistry before returning to Mayo in 2000. Dr. Carr is a former Graduate Program Director in prosthodontics at The Ohio State University and Mayo Clinic. Dr. Carr practices all phases of prosthodontics three and a half days a week within the Division of Prosthetic and Esthetic Dentistry, Mayo Clinic, which is one of the oldest group prosthodontic practices in North America.
New online continuing education credits available from the Journal of Prosthodontics

Looking for a few extra CE credits? Selected articles of the Journal of Prosthodontics are now available for online CE credit. Read the article, take the test, and receive a CE certificate, all in one place: https://www.wileyhealthlearning.com/jopr.aspx. Each article is worth 1 hour of CE credit. The cost is $20/an article for members and $25 for non-members. Three articles are currently available, and more will be added each month. The aim is to launch 2-3 activities to coincide with the publication of each issue of the Journal published 8 times a year. The activities or tests are based on articles published in each issue which have been selected by the Journal of Prosthodontics’ Editorial Board. Each activity contains 5-10 questions and require a 75% correct response to gain 1 CE credit.

Table Clinic Presentations call for submissions

The ACP is accepting residents and dental student applications to present a table clinic at the 42nd Annual Session October 31 - November 3. The table clinics session is scheduled for Thursday, November 1, 2012, from 12:30 p.m. to 2:00 p.m. at the Marriott Baltimore Waterfront in Baltimore.

A table clinic can be a presentation of research results, clinical outcomes, laboratory techniques, or topics of general interest to the ACP’s members and guests. Two judged competitions will be conducted at the table clinics session. One competition will be for prosthodontic residents. The second competition will be for dental students. Winners of the competitions will receive cash awards and invitations to the ACP Annual Awards Dinner as guests of the ACP.

If you are interested the deadline is August 10. Visit the Annual Session Homepage to download all materials and for more information at www.prosthodontics.org/AS.

Member Speaker Forum call for abstracts

ACP members are encouraged to submit an abstract for oral presentation. We encourage our colleagues to submit their best oral abstract. If you are interested all information can be found on the Annual Session Homepage at www.prosthodontics.org/AS.

Welcome New Members (Approved by the Board of Directors during the January conference call and February Board Meeting.)

Member
Dr. Stephen Eric Enriquez  
Dr. Gabriel Ingraham  
Dr. Sungkoo Jang  
Dr. Samer Khayat  
Dr. Zineb Mediouni  
Dr. Charles Weir

Retired Life Membership
Dr. Stephen Eric Enriquez  
Dr. Sharon Goodwin  
Dr. Yeun-June Park

Reinstated International Fellow
Dr. Woo Jung Amos Chi

Reinstated Member
Dr. Arezoo Ashtari Bahar

Dr. John Cavallaro, Jr.  
Dr. Kenneth Plank  
Dr. Kenneth Sobczak  
Dr. William Sulik  
Dr. Gene Withrow  
Dr. Joel Zahler

Dr. Philip Cook  
Dr. Robert Dent  
Dr. John Farmer, Jr.  
Dr. Robert Flinton  
Dr. Simon Gamer  
Dr. Niles Guichet  
Dr. Kenneth Hilsen  
Dr. Jeffrey Lewis

Mr. Michael Costa  
Mr. Robert Hochberg  
Ms. Veronica Mirko  
Mr. Tyler Ruple  
Mr. Craig Sikora  
Mr. Brockman Smith  
Ms. Rebecca Warnken  
Mr. Richard Weber  
Mr. Brian Yates

Mr. Thomas Stefan Sing

Predoctoral Student Alliance
Ms. Shelby Alexander

Dental Technician Alliance Member

In Memoriam

The College and Board of Directors remember the following colleague who is deceased:
Bruce Singer, D.D.S.
Meet Dr. John Beumer

As a tireless contributor to the specialty of prosthodontics, Dr. Beumer is a leader in the specialty. We hope that sharing this story will inspire other members to contribute to prosthodontics.

What inspires your work as a prosthodontist?

The patients and the students. I enjoy tackling a complex problem in maxillofacial prosthetics such as a difficult obturator or a large complex midfacial prosthesis. I have always enjoyed being a Program Director in Maxillofacial Prosthetics. The growth and maturity that the residents undergo during their year of training is wonderful and inspiring to observe.

“As an academic prosthodontist I have enjoyed the best of all worlds: a varied and interesting clinical practice, a stimulating career in clinical research and wonderful and memorable interactions with students and residents. It has truly been a labor of love.”

As a successful prosthodontist, educator and more, how do you balance the demands of your career with personal enjoyment? Share a little with your colleagues about your interests outside of the specialty.

As an academic prosthodontist I have enjoyed the best of all worlds: a varied and interesting clinical practice, a stimulating career in clinical research and wonderful and memorable interactions with students and residents. It has truly been a labor of love. As an academic I have had the opportunity to travel and lecture to groups all over the world. On a personal note, most of my colleagues know of my interest in sports, initially basketball, tennis and skiing and most recently I have rediscovered my fascination with the game of golf. In addition, I have always have had a book or two going, primarily devoted to history and politics. Also, it is very healthy to have an active and stimulating social life outside of dentistry. It brings you fresh and varied perspectives about the world around you.

What advice would you impart to dental students and/or prosthodontics residents embarking on a career in prosthodontics?

Confine your practice and related professional activities to areas that you enjoy. You are not going to excel unless you like what you are doing. If you can find something that you have a passion for, you will have a rewarding professional life that will spill over into your personal life. Prosthodontics is much more varied and interesting than when I started. Besides conventional prosthodontics, there is now implant prosthodontics, maxillofacial prosthetics and those that wish can be trained to perform implant surgery. When you blend your talents with your desires, prosthodontics can be a very fulfilling career.

Where do you see the specialty in 10-15 years?

I believe the specialty in particular will continue to thrive and the demand for high quality prosthodontic services will continue to rise. The public is becoming increasingly more sophisticated and demanding. The biggest challenge our specialty faces is to upgrade the level of prosthodontic training in the predoctoral curriculum in U.S. dental schools. The knowledge level and clinical experiences of most of the graduates I have encountered in recent years is quite disappointing and falls far short of their counterparts of the better schools in Asia and Europe.

Any other thoughts you would like to share?

I continue to enjoy my chosen profession very much. Although retired I continue to work with our residents in maxillofacial prosthetics and the hospital based GPR program. In addition my colleagues and I have established a website (ffofr.org) which will eventually contain all of UCLA’s teaching materials in complete dentures, implant dentistry, maxillofacial prosthetics and removable partial dentures. These online programs of instruction are free of charge and available to all interested professionals throughout the world. In this way we hope to elevate the knowledge of prosthodontics of our colleagues both in this country and abroad.

About Dr. Beumer

ACP Fellow John Beumer III, D.D.S., M.S. is Distinguished Professor Emeritus, at the University of California, Los Angeles School of Dentistry. Dr. Beumer received his D.D.S., M.S. in oral biology and certificate in oral medicine from the University of California San Francisco School of Dentistry and a certificate in prosthodontics for UCLA.

www.gotoapro.org
Noteworthy ACP Events 2012

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<th>Location</th>
<th>Date</th>
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<tr>
<td>American College of Prosthodontists</td>
<td>National Prosthodontics Awareness Week</td>
<td></td>
<td>April 22-28, 2012</td>
<td><a href="http://www.prosthodontics.org">www.prosthodontics.org</a></td>
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<tr>
<td>American College of Prosthodontists</td>
<td>Mastering Practice Success</td>
<td>Washington, DC</td>
<td>April 27, 2012</td>
<td><a href="http://www.prosthodontics.org">www.prosthodontics.org</a></td>
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<td>American College of Prosthodontists</td>
<td>Pioneers in Prosthodontics: Single Provider Implant Therapy</td>
<td>Dallas</td>
<td>May 4-5, 2012</td>
<td><a href="http://www.prosthodontics.org">www.prosthodontics.org</a></td>
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<tr>
<td>American College of Prosthodontists</td>
<td>Prosthodontic Update</td>
<td>San Diego</td>
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<td>American College of Prosthodontists</td>
<td>42nd Annual Session</td>
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**Technical Stars**

A career committed to professional and community service

Elizabeth T. Curran, C.D.T., R.D.T.

*Elizabeth Curran is a talented dental laboratory technician with amazing passion for dentistry. Here we introduce Elizabeth as a leader who makes time on a daily basis to share both knowledge and enthusiasm with students of all levels of education in dentistry and dental technology.*

My mother told me “leave the campsite cleaner than you found it” and I have taken that to heart. I am a graduate of Riverside Community College with a certificate in Dental Laboratory Technology and an Associate of Science Degree, followed by a lifetime teaching credential awarded by the State of California in the health sciences for adult education. I am an active dental laboratory technician certified in dental ceramics by the National Board for Certification in Dental Laboratory Technology and a registered dental technician in the U.K. and Alberta, Canada. I am currently an Assistant Professor and Director of Laboratory Services at A.T. Still University, Arizona School of Dentistry and Oral Health. Previously I was Department Head of the dental technology program at Riverside Community College, Riverside California.

In addition to a passion for education, I am also an ardent public service volunteer. I have held a leadership role in several associations and organizations, including the Arizona Dental Laboratory Association, Western States Conference, National Association of Dental Laboratories, National Board for Certification in Dental Laboratory Technology, Foundation Dental Laboratory Technology and the European Federation of Dental Laboratories. Currently I serve as a commissioner on the Commission on Dental Accreditation representing the dental laboratory technology profession.

I am proud of my professional volunteer accomplishments, which includes ACP Prosthodontic Forum representative for the NADL and NBC, American Dental Association consultant to the ADA Dental Team Panel and the Arizona State Board of Dental Examiners Legislative Committee. Globally I served as the NADL representative to the European Federation of Dental Laboratories coordinating the efforts of FEPPD and NADL member technicians of the CEN TC 55 Dentistry and ISO TC 106 Dentistry committees.

This volunteer project resulted in successful collaboration to restrict the use of Beryllium to 0.02% in dental alloys. I also spearheaded the introduction and coordination of the DAMAS program in the U.S. through a partnership with the Dental Laboratories Association of the UK. The Dental Appliance Manufacturers Audit Scheme is a quality management system based on ISO 9002 quality management principles and Good Manufacturing Practices as recommended by the Food and Drug Administration.

My charitable community work has resulted in the development of three dental clinics in Arizona and California. All three clinics provide care to the underserved for Catholic Services and St. Anthony, Greek Orthodox Monastery. In 2008 I received recognition from the National Foundation of Dentistry for the Handicapped for my significant contribution of donated laboratory work through the Donated Dental Services Program. I was the second largest service contributor for 2007.

To me the most exciting development in dental technology is the open architecture and sophistication of CAD/CAM systems and the devices you can manufacture. It is an exciting time to be a dental technician. Dental technology is the perfect balance between art, science, process and heart. For 38 years I have loved what I do!
Become a Champion!
National Prosthodontics Awareness Week™

Here’s what your colleagues are saying about NPAW™:

In celebration of NPAW™ I have worked with my local paper Rossmoor News to publish articles on the importance of the involvement of a prosthodontist when working on complex dental cases. I also participated in a television presentation on the closed circuit Channel 2 with a lecture on Oral Health and the Prosthodontist which was broadcast in front of a live audience and followed with multiple TV viewings for the community of 10,000. All efforts provided exposure of the specialty to the community and enhanced awareness of prosthodontics.

- David L. Pfeifer, D.D.S., M.S., M.Ed, F.A.C.P., ACP Past President, Walnut Creek, CA

Not only did the NPAW™ toolkit inspire me to write two articles for my local newspaper on oral cancer with an offer for free in-office oral cancer screenings for the month of April, but it made organizing and promoting the event very easy.

- Rodney L. Anders, D.D.S., M.S., ACP Member, Saint George, UT

Our office is already geared up for a bigger, better NPAW™ 2012! We are planning events, an open house, patient giveaways and a press release for local media. Last year we had a staff contest to come up with a slogan for NPAW™. With several hundred slogans to choose from, the final selection was, “Prosthodontists are for Smart Cookies.” The entire PI Staff experienced an enormous sense of pride and of professional identity during NPAW™. It was well worth the effort, and it left us all in a long-lasting, energized afterglow.

- Thomas J. Balish, D.D.S., F.A.C.P., ACP Fellow, Fort Washington, PA

Find out more at www.prosthodontics.org/npaw
Dental implants: the most exciting market in medical technology

Steve Boggan, M.S., M.B.A.

Our profession is part of a larger dental industry. Our members are key opinion leaders and share experiences with innovators and manufacturers of the products that serve our patients. Here we recognize a leader of the industry who strongly identifies with our vision and our plans for improving prosthodontics and oral health care.

Dental implants, which serve as an artificial tooth root to support a crown, are one of the most exciting areas in medical technology. Dentures, bridgework and dental implants are the treatment alternatives for the replacement of missing teeth. Dental implants are increasing in popularity since they offer increased function compared to dentures and do not require that healthy teeth be prepared as with a bridge. In addition, dental implants are very predictable with ten year success rates up to 99%.

“Dental implants are an excellent alternative to dentures and bridgework. New technology is making implants easier and faster for patients.”

The market for dental implants was estimated to be over $3 billion in 2010 by several independent market research organizations. In fact, many equity analysts consider dental implants to be the most attractive area in all the areas of medical technology.

Dental implants are poised for continued growth due to several factors:

- Aging of the global population: as people age, they lose teeth to tooth decay or periodontal disease;
- Increased training for dentists: diagnosis and treatment for dental implants are now taught in dental schools;
- New technology enabling simpler and faster tooth replacement: implant treatment can now be completed in a matter of weeks if the patient has adequate bone to support the implant.

New technologies and advances in understanding of dental implant technology are important to the growth of prosthodontics and the dental implant industry. Developments, here illustrated by the LaserLok surface applied to the Biohorizons implant, will continue to address the many unresolved issues in this field.

Aging of global population – from a study by the International Monetary Fund published in 2006.
Given the high predictability of dental implants, prosthodontists and other dental specialities are now focusing on optimizing the esthetic outcome so that implants are indistinguishable from the surrounding teeth. Excellent esthetic outcomes can be achieved via proper clinical treatment from the dentist as well as new technology called Laser-Lok that enables the implant to “bond” with the patient’s gum tissue. Once the gum tissue has bonded to the implant, it is more likely to maintain healthy gum tissue around the implant and crown. In addition, prosthodontists have advanced degrees in the restoration and replacement of teeth and are thus in a unique position to provide beautiful teeth to patients.

Dental implants are extremely predictable and are an excellent alternative to dentures and bridgetwork. New technology is making implants easier and faster for patients. Both dental professionals such as prosthodontists and dental companies are committed to improving implant technology and thus patient care. As such, the market for dental implants will continue to greatly expand in the future.

About the author

Steve Boggan is the President and Chief Executive Officer of BioHorizons. Mr. Boggan holds an M.S. in Biological Engineering from Mississippi University, an M.S. in Biomedical Engineering from the University of Alabama at Birmingham and an M.B.A. in Business Administration from the University of Memphis.
ACP Minnesota Section provides care to victims of domestic violence


The Minnesota Section recently began a program to provide pro-bono dental care to victims of domestic violence. Dental injuries are common for women in abusive relationships who frequently cannot afford care. The section offers consultation and dental treatment to those eligible for this program.

This undertaking is made possible by partnering with the Minnesota Coalition for Battered Women (MCBW) and the national organization Donated Dental Services (DDS). The MCBW identifies women who qualify for our program, which requires that they be out of their abusive relationship for at least one year. DDS assigns the patient to the volunteers of our section membership and arranges for any needed laboratory support as well as other needed specialists’ care. This partnership allows section members to participate in the program with minimum overhead costs and no administrative responsibility.

One of the program’s first patients, Joy, was a 41 year old woman who had freed herself of an abusive relationship. As a result of battery, nearly all her upper front teeth were chipped, one was broken and one had undergone root canal therapy. She had a number of missing molars, TMD symptoms and could only chew on one area of her mouth comfortably.

Joy currently works with other women healing from the effects of domestic violence and sees it as her calling. She has been so effective that she was asked to appear on TV and speak to national audiences. Joy wanted the confidence to speak publicly. After four and a half weeks of treatment, Joy’s expectations were exceeded. She now “loves her teeth!” and claims, “this will change my life. I will find other women like me who need a boost to improve their future. I cannot thank you enough.”

“After four and a half weeks of treatment, Jolie’s expectations were exceeded. She now “loves her teeth!” and claims, “this will change my life. I will find other women like me who need a boost to improve their future. I cannot thank you enough.”

This program could easily be duplicated by other state sections and potentially by the ACP as a national program, which could generate positive publicity to the specialty of prosthodontics as it has with the AAFPRS. Other state sections who would like help in reproducing these efforts, please contact Minnesota Section President Dr. Jonathan Twomey at jonathan@drtwomey.com.

About the authors

Dr. Jonathan Twomey is a member of the College and Minnesota section president. Dr. Twomey received his D.D.S. from Creighton University School of Dentistry and his M.S. in prosthodontics from the University of Minnesota School of Dentistry. Currently he maintains a private prosthodontic practice in Edina, Minnesota.

Dr. Walter Warpeha is a Fellow of the American College of Prosthodontists in private practice in Minneapolis, Minnesota. He is a panel member of the Cleft Palate Clinics at the University of Minnesota School of Dentistry and Children’s Hospital and Clinics and is a prosthodontic consultant to the Minnesota State Board of Dentistry.
The recognition of contributions made by dental technicians to the care of our patients is a concern of mine. It was a surprise when the U.S. Bureau of Labor Statistics classified dental technicians as an unskilled labor force. The Bureau of Labor Statistics based their conclusion on a survey of a very limited number of workers in the dental lab industry, randomly surveying 600 dental technicians about their educational background.

“\textit{The point to remember is that an individual made a single phone call that got results.}”

When I found out that the American Dental Association and the National Association of Dental Laboratories sent letters to the Department of Labor questioning the survey with little response, I decided to take action. Searching the Internet I found the phone number of the Department of Labor. I told them I represented 30,000 people and the recent survey was flawed. The dental technicians I work with every day and others in the industry nationally are exceptionally skilled and educated but were obviously not noted in the results. 

During their tenure, past Prosthodontics Forum Directors Drs. Gary Goldstein and Lee Jameson brought together members of several organizations from the specialty and the discipline as well as the National Association of Dental Laboratories to discuss issues impacting patient care. Remarkably, the DOL responded and arranged a conference call, listening to our point of view that began the process of correcting the recent survey results. We were told that no change was possible until 2018.

As a result of the discussion, the NADL began working with Representative John Kline, R-MN. Mr. Gary Iocco, NADL Board Member and President of Red Wing Dental Arts in Hastings, MN, started working with the DOL’s Evaluation and Testing Administration. He determined that there is a possibility of fast-tracking the classification change request. The next survey will be conducted next year and changes to the classification system may be made as early as 2013.

The new survey will be different in that it will come directly from the NADL rather than the DOL and will be sent to a much larger sampling; a list of over 10,000 NADL members and non-members. Unlike the previous survey that was generic in nature and used to generate data on a variety of occupations, the 2012 version will include specific questions related to the education and training necessary for dental technicians. It will also include an explanation of the purpose of the survey so respondents will know what they are filling out. The point to remember is that an individual made a single phone call that got results.

About the author

ACP member, Dr. Burney Croll, received his D.D.S. from the State University of New York at Buffalo and received his certificate in prosthodontics from Tufts University School of Dental Medicine. Currently, Dr. Croll works in private prosthodontic practice in New York City, where he is dedicated to providing quality care for his patients. He directs a full laboratory on the premises which includes ceramists and technicians. Dr. Croll has been a guest lecturer in the postgraduate prosthodontic programs at Columbia University, New York University and at the University of Pennsylvania.
**Classified Ads**

**Job Opportunities**

**California (Newhall) –** Excellent opportunity for young, motivated, board eligible, board prosthodontist in Southern Calif. Established, busy, comprehensive, fee for service Practice. Associateship leading to partnership. Owner established 30 years wants to semi retire. Fixed, removal, implant, esthetic, and TMJ treatment. Send resumes xbaumgartner@ca.rr.com

**California (Sacramento) –** Exceptional opportunity for enthusiastic outgoing prosthodontists to replace retired partner in multi-specialty, multi-doctor, multi-location, dental group. Associate leading to equity partnership. Contact Dr. Brock Hinton at 916-454-0855 or BHinton@prosthogroup.com

**Colorado (Aurora) –** Assistant/Associate Professor C/T in the Dept of Restorative/Comprehensive Care Dentistry – The University of Colorado School of Dental Medicine is experiencing significant expansion with growth in its program offerings and interdisciplinary affiliations. The School is located on the beautiful Anschutz Medical Campus in new, state-of-the-art facilities. The campus is home to schools of medicine, pharmacy, nursing, public health and dental medicine along with multiple hospitals and affiliate institutions. The School and campus are located in the Denver metropolitan area at the base of the beautiful Rocky Mountains. The School is currently seeking applications for a full-time clinical track Prosthodontics Faculty position for the Restorative/Comprehensive Care Department at the Assistant/Associate Professor level.

Responsibilities of the position are to provide lecture, laboratory and clinic instruction to dental and international dental students, graduate periodontics students and general practice residents enrolled at the School of Dental Medicine and participate in other patient care, research and service activities and to actively participate in the Faculty Practice Program. A DDS/DMD degree from an accredited U.S. dental school or foreign equivalent; completion of a post-graduate prosthodontics program from an accredited US Prosthodontics Program, and eligibility for Colorado state licensure or Academic license is required. It is highly desirable that candidates for the position have academic teaching experience and clinical practice experience. Review of applications will begin immediately and continue until the position is filled. For information on how to apply for the position (job posting #816668), visit the website at www.jobsatcu.com. The University of Colorado is committed to diversity and equality in education and employment. Background investigations for employment are required.

**Colorado (Greenwood Village/Denver) –** An opportunity exists to join an established comprehensive prosthodontic practice in Greenwood Village /Denver, Colorado. Associateship with a view toward partnership. Referral based, fee for service, fixed, removable, implant and aesthetic dentistry. To learn more visit www.aldoleopardi.com and www.knowledgefactoryco.com. Please email resume to Dr. Aldo Leopardi at aldoadoleopardi.com.

**Georgia (Atlanta) –** Opportunity to join an established comprehensive prosthodontics practice. Beautiful new center in the heart of Metro Atlanta designed for continued expansion and growth. Eager individual who understands the dynamics of “building a practice.” Engaging with patients, relationships with referring doctors, actively involved in dental organizations and study clubs, community involvement and Excellence of care is paramount to consideration. Professional staff, 6 ops, offering fixed, implant and removal prosthodontics as well as comprehensive dental care. Contact: Dr. David Zelby (678) 984-1717 Send resume: dazelby@yahoo.com www.drdavidzelby.com

**Georgia (Lawrenceville) –** Upscale prosthodontic dental practice in Lawrenceville, GA is looking for a prosthodontist, p/t to join our experienced team. The office is paperless, equipped with CT scan, digital radiography and more. New graduates welcome! Salary BOE, benefits available. Fax your CV to 770-338-9222.

**Iowa (Iowa City) –** The University of Iowa's College of Dentistry is searching for full-time clinical or tenure-track faculty in Department of Prosthodontics. Position available July 1, 2012; screening begins immediately. Must have: DDS/DMD from ADA-accredited dental school or foreign equivalent, and by time of appointment, Master’s Degree or Certificate in Prosthodontics from ADA-accredited dental school. Tenure track applicants must also have: research training/experience; and demonstrated scholarly/professional growth commensurate w/time following advanced education completion. Desirable: Clinical experience via private, military, or institutional practice; board certification; teaching experience. Academic rank/track/salary commensurate with qualifications/experience. Must apply electronically. Learn more and/or apply at Jobs@uiowa http://jobs.uiowa.edu/content/faculty/, reference Req #60478. AA/EEO employer; women/minorities encouraged to apply.

**Louisiana (New Orleans) –** Louisiana State University Health Sciences Center, School of Dentistry seeks applicants for two full-time faculty positions with the rank of Assistant Professor in the Department of Prosthodontics. Responsibilities include pre- and post- doctoral didactic and clinical teaching in Fixed, Removable and Implant Prosthodontics, and conducting research. Applicant must have a DDS or DMD degree or equivalent and a certificate in Prosthodontics from an ADA accredited program. Board certification is highly desirable, but not required. Teaching or clinical experience or knowledge in conducting research will increase the possibility for acceptance. LSUHSC offers an excellent benefits package which includes intramural faculty practice. Salary will be commensurate with qualifications and experience. Applicants should send a letter of intent, curriculum vitae and list of references to: Dr. Arturo Mendez, Chairman, Department of Prosthodontics, LSUHSC School of Dentistry, 1100 Florida Ave., Box 222, New Orleans, LA 70119. LSUHSC – NO is an Equal Opportunity/Affirmative Action Employer.

**Minnesota (Minneapolis) –** Fee for service group specialty practice offering full or part time association with long established prosthodontics practice. Office has fully equipped laboratory and five operators. Full service of fixed, removable and implant prosthodontics. Two prosthodontists in group to encourage, consult with and aid in transitions to group private practice. Contact Dr. T.A. Peterson (651) 633-5175.

**Tennessee (Memphis) –** The Dental Implant Aesthetic Center of Memphis, TN is expanding and looking for a full time Prosthodontist with experience in implant dentistry to grow with the Center. An opportunity...
Plan to attend the 42nd Annual Session of the American College of Prosthodontists celebrating the impact prosthodontists have on the well-being of their patients. Four full days of programming features a lineup of clinicians, educators and researchers presenting on how those in the specialty transform the lives of their patients every day.

**WEDNESDAY, OCTOBER 31**

Value-Added Early Bird Sessions
- Patient Management Workshop
- Advances in Maxillofacial Prosthetics
- International Practitioners Symposium (presented in Spanish)

Transforming Lives: Generations of Smiles
- Generations of Smiles: From Adolescence to the Elderly – Clark M. Stanford, D.D.S., Ph.D.
- Prosthetic Management of the Edentulous Patient – Aldo Leopardi, D.D.S., M.S.

**THURSDAY, NOVEMBER 1**

Transformative Materials: Knowledge Today for a Better Practice Tomorrow
- The Use of CAD/CAM in Complete Dentures – Charles J. Goodacre, D.D.S., M.S.D., F.A.C.P.
- Zirconia-Based Restorations – Marcus B. Blatz, D.M.D., Ph.D.

**FRIDAY, NOVEMBER 2**

Transforming Lives through Prosthodontics: What Every Prosthodontist Needs to Know
- Accomplish the Unexpected: Bone Grafting in the Esthetic Zone – Bach Le, D.D.S., M.D., F.I.C.D.

Transforming Lives: Implant Complications, Compromises and Solutions
- Loading of Tissue Interfaces: Using Biomaterial Interfaces and 3-D Structures to Control Tissue Healing and Integration – John B. Brunsik, Ph.D.
- Digital Dental Technology Symposium

**SATURDAY, NOVEMBER 3**

- Technology Forum
- Digital Dental Technology Symposium

Registration opening in June. Scan this Quick Response code using your smart device: as.prosthodontics.org
When your career and reputation are on the line, you want the strongest dog in your corner. Many dentists don’t realize how important their dental malpractice insurance is until they need it most. Medical Protective has over 100 years of proven experience, national expertise and a balanced defense that focuses on your best interest. And, today, more than ever, the big financial strength, integrity and powerful backing of a Warren Buffett Berkshire Hathaway Company are crucial to the quality of your dental malpractice protection.

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Virginia (Virginia Beach) – Keep your overhead low and your patient’s perceptions of quality high with this beautiful office in family-friendly Virginia Beach. This 1535 sq.ft. high visibility location has 4 patient operatories, 2 office suites, mini-lab, kitchen and laundry, with both patient and separate employee facilities. Equipment is state of the art in a modern beautiful and relaxing design and atmosphere. Must see, priced to sell. Email office@dentalimplantac.com.

Washington (Puget Sound) – Practice is located in the beautiful heart of Puget Sound Washington! This traditional three operatory fee-for-service prosthetics practice is available for immediate purchase. Selling doctor is available to insure smooth transition. Call Consani Seims Ltd. for additional details (866) 348-3800, www.mydentalbroker.com.

Washington DC – Exceptional opportunity to own a well-established practice in a five operatoryr medical condominium five blocks from the White House. With an international and professional clientele, this 100% fee-for-service restorative practice has high net on $1.3 million gross. Contact William P. Karpa, DDS at Karpa Dental Brokerage (301) 233-1814. Website www.karpadentalbrokerage.com.

When faced with a malpractice claim, who do you want in your corner?

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When your career and reputation are on the line, you want the strongest dog in your corner. Many dentists don’t realize how important their dental malpractice insurance is until they need it most. Medical Protective has over 100 years of proven experience, national expertise and a balanced defense that focuses on your best interest. And, today, more than ever, the big financial strength, integrity and powerful backing of a Warren Buffett Berkshire Hathaway Company are crucial to the quality of your dental malpractice protection.

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- Chairside and Labside application
- up to 90% processing time savings!
- Simply ingenious, thanks to telescope-like connection and individual shortening

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SFI-Bar® 2-Implant:
individually adjustable tube lengths

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individually adjustable tube lengths and angles

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Since immediate load solutions for fully edentulous patients have become very popular in recent years, the SFI-Bar® is a great additional solution to current treatment modalities for immediately loaded implant supported overdenture. This chair side adjustable precision bar can be utilized by any average clinician on the day of implant placement. On the other hand traditionally there are two main challenges involved with precision custom made bars; a) high laboratory cost b) passive fit.

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Hamid Shafie, DDS, CAGS
Director, Postdoctoral Implant Training
Washington Hospital Center Department of Oral and Maxillofacial Surgery

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For more information, contact BioHorizons Customer Care: 888.246.8338 or shop online at www.biohorizons.com

1. Histologic evidence of a connective tissue attachment to laser microgrooved abutments: a canine study. M. Nevins, DDS; DM. Kim, DDS, DMSc; SH Jun, DDS, MS; K. Guze, DMD; P. Schupbach, PhD; ML. Nevins, DMD, MMSc.
2. Accepted for publication: IJPRD, Vol 30, Number 3, 2010.
3. Adequate primary stability required.