

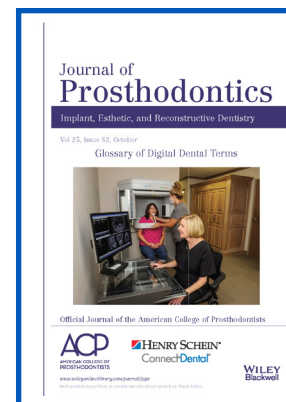
The mission of the ACP Education Foundation is to secure and steward resources with the aim of advancing prosthodontics. The Foundation provides funding to support education, research, and advancement of the specialty.

Support for Education

Enabled by a major commitment from Henry Schein to the ACP Education Foundation, the ACP Digital Dentistry Curriculum Team worked on a **groundbreaking new curriculum** that will incorporate CAD/CAM technology into dental schools. The first version of the curriculum will be piloted in five institutions in the fall of 2017 and then made available to all schools in 2018.



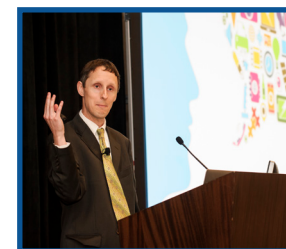
In 2016, a variety of **digital dentistry resources** were created and published as part of this initiative, including a compilation of abstracts from five journals; a white paper on digital dentistry; and the *Glossary of Digital Dental Terms*, which was published as a supplement to the *Journal of Prosthodontics* in October.



The Foundation sponsored the 2016 **Postdoctoral Resident Support Program**, a package of ACP educational resources for more than 620 residents. This program introduces residents to the community of prosthodontics and provides information to maximize their training and education. It also includes administration of a National Prosthodontic Resident Exam through the Advanced Prosthodontic Program Directors to help residents assess their knowledge. 414 residents took the exam in 2016.

262 residents received support to attend the 2016 ACP Annual Session through the Foundation, which also provided support for new graduate prosthodontic program development in schools of dentistry which currently have no program.

For **predoctoral and postdoctoral prosthodontic educators**, the Foundation hosted meetings on April 15-16, 2016 in Chicago, with 122 attendees representing 57 institutions, and on Oct. 5, 2016 in San Diego, with 173 attendees representing 71 institutions.



At the spring meeting, the two groups of educators joined together for presentations and open discussions through the Digital Dentistry Curriculum Workshop. Then, on Saturday, the predoctoral session covered topics such as educational learning management systems. The postdoctoral session included an update from the American Board of Prosthodontics and a presentation on the ADA's Advanced Dental Admission Test. Additionally, program directors discussed the Postdoctoral Dental Matching Program. The discussion and vote confirmed the specialty's participation in "the Match" beginning with the 2018 application cycle.

In the fall, the predoctoral session included presentations on cost savings and program enhancement through digital curriculum implementation and culminated with a digital dentistry challenge workshop. The postdoctoral session included presentations by the ABP, ACP National Resident Exam Subcommittee, and a review and discussion regarding CODA standard revisions currently out for comment. In the joint afternoon session, updates on the Digital Dentistry Curriculum Project and Clinical Practice Guidelines, supported by Colgate, were presented.

Support for Advancement of the Specialty

Women in Prosthodontics

At the end of 2015, the ACPEF took on a special project to celebrate the growth of women in the specialty over the years. Several volunteers were involved in this tremendous initiative that led to the 2016 publication of *Women in Prosthodontics*, an inspiring and insightful e-book. The e-book, which is available to download on Apple iBooks, Nook, Kindle, and Prosthodontics.org, is full of essays from some of the incredible women pioneers and leaders of the specialty.

Other components of this project included a timeline wall at the ACP Annual Session and a Women in Prosthodontics breakfast that created a time for young women and those further in their careers to interact and network.

The Women in Prosthodontics project was made possible through the generous support of Dentsply Sirona and Straumann.

Annual Appeal

Drs. Mark Hutten and Alvin Wee co-chaired the 2016 **Annual Appeal**. All ACPEF funds support programs in research and education, but Appeal support specifically allows the Foundation to grow its endowment and underwrite some programs not covered by active major gift commitments, and also helps offset operational expenses of the Foundation. Through their hard work, the 2016 Annual Appeal surpassed goals for money raised (\$294,241 - 147% of goal) and member participation (12% member participation - 100% of goal).

Founders Society Award

Dr. Leonard B. Kobren (pictured, right, with ACPEF Chair Dr. Lyndon Cooper) was recognized as the recipient of the Founders Society Award. In the spirit of its founders, the Foundation presents the Founders Society Award to honor individuals who have made a significant impact on the growth and development of the Foundation and who have demonstrated an extraordinary level of commitment to the Foundation.



Support for Research

The ACP Education Foundation awarded \$44,978 in research grants as follows:

ACP Education Foundation Research Fellowships

Each fall, the Foundation awards research fellowship grants in the amount of \$6,000. These are awarded to support meritorious research proposals that seek to advance basic scientific and applied clinical knowledge in the area of prosthodontics. Fellowships are sponsored by the Foundation and an unrestricted educational grant from Procter and Gamble Company, a supporter of the program since 2005.



Fungal and Bacterial Pathogen Biofilm Formation on Anatomical Denture Base Materials
Angela Gullard, DMD, PhD, University of Tennessee (2019)

Dimensional Stability of CAD/CAM Patterns
Leah K. Romay, DDS, University of Maryland (2019)

Evaluation of Marginal Discrepancies of Monolithic Zirconia Crowns Under the Influence of Different Preparation Designs and Sintering Techniques
Walaa Ahmed, BDS, MSc, University of British Columbia (2018)

Effects of CAD/CAM Acrylic on Human Gingival Fibroblast Differentiation, Proliferation, and Attachment
David W. Chen, DMD, BS, University of Maryland (2019)

Assessment of the Internal Fit and Marginal Integrity of Interim Crowns with Different Manufacturing Methods
Chin Chun (Jean) Peng, DDS, University of Washington (2018)

2016 Sharry Awards Competition

Held annually since 1976, the John J. Sharry Research Competition stimulates and acknowledges original research in prosthodontics by students. The 2016 competition was chaired by Dr. Radi Masri.



1ST PLACE

Wear and Corrosion at the Titanium-Zirconia Implant Abutment Interface
Craig L. Sikora, DMD, FACP, University of Illinois at Chicago (2016)

2ND PLACE

Outcomes of Implant-Fixed Complete Dental Prostheses: A Comparison of Metal-Acrylic, Milled Zirconia, and Retrievable Crown Prostheses
Virginia L. Hogsett Box, DMD, MS, FACP, University of Illinois at Chicago (2016)

3RD PLACE

Development of an Antimicrobial Soft Denture Liner with in situ-Generated Silver Nanoparticles for the Prevention and Treatment of Candidiasis
Hannah C. Drew, DMD, United States Air Force (2017)

2016 GSK Prosthodontist Innovator Award

Supported by GlaxoSmithKline Consumer Healthcare through an unrestricted educational grant, this research award is intended to advance the understanding of prosthodontics related biological and/or materials systems, human behavior, cost and care delivery, as well as economic modeling and quality of life investigations.



Dr. Fengyuan Zheng received the award for his research titled *The Effect of Angular Misfit on Implant Positional Stability Upon Splinted Multiunit Implant Supported Fixed Prosthesis*, which investigates dynamics of implant-bone interface under tilting forces.

Dr. Zheng is the associate director and assistant professor of the advanced prosthodontics program at The Ohio State University College of Dentistry. He received his DDS in 1999 (Peking University) and his PhD in Oral Biology from the Ohio State University College of Dentistry in 2010. He completed his advanced prosthodontics training at the University of Southern California Ostrow School of Dentistry in 2013.