2013
Dr. J. Ryan Blankenship, Children’s Hospital Colorado, Aurora, CO
Pediatric Scholar
Measuring Heart Rate to Assess Pain Levels in Pediatric Patients During Cavity Preparation With an Er,Cr:YSGG Laser

Dr. Chanthoeun Chui, Tokyo Medical and Dental University, Tokyo, Japan
Antimicrobial Effect of α-PDT Using High Power Blue LED and Red Dye Agent on Porphyromonas Gingivalis

2012
Ms. Jeema Dad, University of Texas Health Science Center at Houston School of Dentistry
Acid Etching, Mechanical Debridement, and Different Bonding Generations for Enamel Prepared by the Er,YAG Laser

2011
Dr. Praveen R. Arany, Harvard University, Cambridge, MA
Low-Power Laser-Generated ROS Species Can Activate Latent TGF-β1 and Direct Dental Stem Cell Differentiation

2010
Dr. Verica Aleksic, Tokyo Medical and Dental University, Tokyo, Japan
Low-level Er:YAG Irradiation Enhances Osteoblast Proliferation Through Activation of MAPK/ERK

Dr. Ben Amy, University of Alabama School of Dentistry, Birmingham, AL
Pediatric Scholar
Efficacy of Laser Treatment for Prevention of Oral Mucositis in Pediatric Cancer Patients

Dr. Cynthia Morford, University of California San Francisco School of Dentistry
Er:YAG Laser Debonding of Porcelain Veneers

2009
Dr. Bulent Gokce Ege, University School of Dentistry Izmir, Turkey
Bond Strengths of All Ceramics: Acid vs. Laser Etching

Ms. Huma Hamid and Mr. Stephen Tapp, University of Texas Health Science Center at Houston School of Dentistry
Glass Ionomer Bond Strength to Teeth Prepared with an Erbium:YAG Laser

Mr. Brian Sang, West Virginia University School of Dentistry, Morgantown, WV
A Quantitative Assessment of the Effect of Various Antimicrobial Therapies on Porphyromonas Gingivalis Contamination on the Implant Surface: A SEM Study

2008
Dr. Monica Chmiel, University of California San Francisco School of Dentistry
Effect of a New Carbon Dioxide Laser and Fluoride on Caries Progression in Demineralized Enamel

Dr. Piyanart Ekworapoj, School of Dental Science at Newcastle University, United Kingdom
Optimal Laser Energy for Adhesion of Glass Ionomer Cement

2007
Dr. Ali Obedi, University of Alabama, School of Dentistry, Birmingham, AL
Shear Bond Strength and SEM Study of Composite Material to Enamel and Dentin Prepared by Er,Cr:YSGG Laser; Application of Various Etching Time

2006
Dr. Roy George, PhD candidate University of Queensland, Brisbane, Australia
Differential Ablation of Radicular Dentine with Er:YAG Laser Radiation Under Varying Water Flow Rates

Dr. Mark Roper, University of California San Francisco School of Dentistry
Cleaning and Shaping of Root Canal Systems Using Erbium Lasers – Two-Dimensional Change and Surface Characteristics from Erbium Lasers Used for Root Canal Preparation as Compared to Rotary Instrumentation

Basem Salim, University of Manchester, Manchester, United Kingdom
Thermal Effects of Er,Cr:YSGG Laser Irradiation on External Root Surface During Root Canal Treatment

2005
Dr. P.G. Stathopoulou, University of Louisville School of Dentistry, Louisville, KY
Er:YAG Laser Reduces Post-Operative Discomfort Following Osseous Resection for Periodontal Crown Lengthening

Mr. James W. Thomas, College of Dental Medicine Nova Southeastern University, Ft. Lauderdale, FL
A Comparison of the Thermal Effects of Erbium Lasers and Rotary Diamond Instrumentation on Tooth Structure

2004
Dr. Robert S. Jones, University of California San Francisco School of Dentistry
Near-IR Imaging of Early Dental Decay
The Academy of Laser Dentistry (ALD) is an international professional membership association of dental practitioners and supporting organizations devoted to improving the health and well-being of patients through the proper use of laser technology. The Academy is dedicated to the advancement of knowledge, research, and education and to the exchange of information relative to the art and science of the use of lasers in dentistry. The Academy endorses the Curriculum Guidelines and Standards of Dental Laser Education. ALD was founded in 1993, with the merging of the International Academy of Laser Dentistry, the North American Academy of Laser Dentistry and the American Academy of Laser Dentistry and is a not-for-profit organization qualifying under Section 501(c)(3) of the Internal Revenue Code.
Honoring the memory, achievements and commitments of Eugene Seidner, DDS, our distinguished President, 1996-1997.
In 2004, ALD introduced the Dr. Eugene M. Seidner Scholarship Program. The scholarship program is named to honor the memory of Dr. Eugene M. Seidner, ALD’s President 1996-97. Dr. Seidner is most aptly described as a pioneer for his early use of lasers in his dental practice and for his contribution to the formation of the Academy of Laser Dentistry. Known as a “giver”, Dr. Seidner conveyed his broad vision to all who knew him in a manner that was uniquely warm and generous. The Academy is proud to honor his memory through this student scholarship.

In 2012, the Academy achieved its $100,000 development goal established for this program in 2006. The funds are temporarily restricted and only the interest earned plus a small percentage of annual contributions are earmarked for yearly use to propel this program and safeguard its future.

**Our Responsibility to Dental Education**

ALD believes we have a responsibility to the future of dental education. Through the Dr. Eugene Seidner Student Scholarship Program, we address those issues facing dental education for the safe and effective uses of dental laser technology. In this way, we foster education of today’s dental students to be the dentists of tomorrow.

This program encourages undergraduate and graduate dental students to broaden their understanding of lasers in dentistry; it provides financial award to enable students to present their work at the Academy’s annual meetings in either poster presentations or scientific and clinical lectures; and it encourages the study of the various laser wavelengths and their correct and safe use in dentistry.

The future of lasers in dentistry will be built upon the commitments we make today. Like you, we believe the evolution of dental technology and the proper use of that technology will positively impact patient care.

*Join our effort with your contribution.*

**In 2008 ALD Partners with Henry Schein Dental**

Henry Schein, a Fortune 500® company and a member of the NASDAQ 100® Index, is recognized for its excellent customer service and highly competitive prices. The Company’s four business groups – Dental, Medical, International and Technology – serve more than 550,000 customers worldwide, including dental practitioners and laboratories, physician practices and animal health clinics, as well as government and other institutions.

“Henry Schein, Inc. is pleased to support the important efforts of the Academy of Laser Dentistry. We are very supportive of clinical education and its impact on expanding and improving clinical services and patient care. It is only through the voluntary efforts of concerned academics and clinicians that emerging technology can evolve into clinical practice for both early adopters and others waiting for the necessary information to integrate these products into their practices. Helping to support ongoing research is very important to Team Schein and its manufacturing partners. We look forward to many years of close association with your program,” said Steven W. Kess, Vice President, Global Professional Relations.
What is awarded?
The Dr. Eugene M. Seidner Student Scholarship is intended to promote the advancement of dental laser technology education and clinical research. The grant covers a year of ALD membership, conference registration fees, Standard Proficiency Dental Laser Education application fees, coach class round trip air transportation and hotel accommodations. Upon successful presentation, an award in the form of a Certificate for participation will be presented to the Scholarship recipients, and each student will receive a small cash gift for first, second and/or third place presentations.

Special Award for Pediatric Dentistry
Through a generous annual pledge specifically earmarked for pediatric dental students, ALD is pleased to provide a special recognition award within the Dr. Eugene Seidner Student Scholarship program for pediatric dental students. This donation recognizes the commitment to pediatric dental education by ALD member Dr. Lawrence Kotlow, a pediatric dentist practicing in Albany, New York.

Who is eligible and how do students apply?
Criteria for eligibility are determined by the applicant’s demonstrated academic achievement in the study of lasers in dentistry. Undergraduate dental students or graduate dental students in a general or specialty program interested in deepening their understanding of the use of lasers in dentistry may apply. Applications may be downloaded or received by contacting the Academy of Laser Dentistry. Completed applications must be received by ALD by the end of October each year for consideration for the following annual conference.

We know you care. How can you help?
Your contribution will make the Dr. Eugene Seidner Scholarship Fund a self-perpetuating endowment that for years to come will help promote the study of laser technology and its uses in dentistry. Voluntary donations from ALD members, the dental profession and other sources are expected.

Corporate Giving Levels
Benefactor $7500 and up per year for a minimum of 3 years
Recognition plaque, subscription and 10% discount on advertising in the Journal of Laser Dentistry, one seat on the Student Scholarship Committee Foundation

Sponsor $4500 and up per year for a minimum of 3 years
Recognition plaque, subscription to the Journal of Laser Dentistry

Donor $1500 and up per year for a minimum of 3 years
Recognition Certificate

Individual Giving Levels
Grand Benefactor $2000 and more
Benefactor $1000 - $1999
Sponsor $200 - $999
Donor $199 or less

For More Information
If you have additional questions regarding the Dr. Eugene M. Seidner Scholarship, or if you need an application, please contact the Academy of Laser Dentistry.
Scholarship Fund Pledge
The future of lasers in dentistry will be built upon the commitments we make today. In 2012, the Academy achieved its $100,000 development goal established for this program in 2006. The funds are temporarily restricted and only the interest earned, plus a small percentage of annual contributions, are earmarked for yearly use to propel this program and safeguard its future.

☑ YES, I want to contribute to the future of dental student laser education. Enclosed is my tax-deductible contribution to the ALD Dr. Eugene Seidner Student Scholarship Program. I have checked my contribution below.

☐ Corporate Pledge - 3 year minimum  ☐ Benefactor
☐ Individual Pledge  ☐ Sponsor
☐ Grand Benefactor  ☐ Donor

Pledge amount $_____________  ☐ 1 year  ☐ 2 years  ☐ 3 years

☐ Enclosed is my check  ☐ This is my pledge, please bill me for payment

☐ Please bill my credit card:  ☐ American Express  ☐ Visa  ☐ MasterCard

Card # __________________________________________________________
Expiration Date ______________________________ CVV _______________________
Signature __________________________________________________________
Print Name on Card __________________________________________________
Name _____________________________________________________________
Mailing Address _____________________________________________________
City ______________________________ State ________ Zip _______________
Email Address _______________________________________________________
Phone number ______________________________________________________

Please return to:
Academy of Laser Dentistry Student Scholarship Program
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