

MARK YOUR CALENDAR

for these UPCOMING EVENTS

2004
WINTER

March 30: **FAREWELL RECEPTION**
Honoring Dr. Steven Roser,
Guttman Professor of Clinical
Craniofacial Surgery
5-7 p.m. *The Faculty Club, 4th
Floor P&S. Cosponsored with
NewYork-Presbyterian Hospital.*

April 2: **COLUMBIA UNIVERSITY
250TH ANNIVERSARY SYMPOSIUM**
"Technology and the Changing
Face of the Dental Profession"
Speakers: Dr. J. Zimmerman, Dr.
B. Dove, Dr. W. Kuo, Dr. D.
Rekow, Dr. M. Robinson
9 a.m.-4 p.m. *Russ Berrie
Medical Science Pavilion, 1150
St. Nicholas Ave. 5 CE Credits.
\$150 (faculty: no charge).*

April 3: **CE PROGRAM:
ORIENTATION TO ESTHETIC
DENTISTRY: A FOUR-PART SERIES**
Speaker: Dr. H. Perlow.
9 a.m.-4 p.m. *Columbia
University Medical Center. 24 CE
Credits for 6 Sessions. \$1,150.
Additional dates: April 17, May 1.*

April 14: **LECTURE & DINNER**
Honoring Dr. Henry Nahoum '43,
Ortho '52. 4:30-8 p.m. *Alumni
Auditorium, Black Building.*

April 15: **YOUNG ALUMNI &
STUDENT RECEPTION**
6-8:30 p.m. *Mica Bar, 252 E. 51st
Street, NYC.*

April 21: **BIRNBERG RESEARCH
PROGRAM** 2-5 p.m. *Table Clinic
Presentations, 4th Floor
Riverview Lounge, Hammer
Health Sciences Library.*

April 21: **ALUMNI RECEPTION,
GREATER LONG ISLAND DENTAL
MEETING.** 6-8 p.m. *Marriott
Hotel, Uniondale.*

April 22: **BIRNBERG RESEARCH
PROGRAM** Visiting Professor
Lecture. Topic: "The Future of
Clinical Dental Practice"
Speaker: Dr. P. Robertson,
Professor and Dean Emeritus,
University of Washington;
President, International

Association for Dental Research.
Dentsply Awards presentation
and luncheon to follow.
12-2 p.m. *Room 301 Hammer
Health Sciences Library.*

April 26: **10TH ANNUAL ALUMNI
EVENING DINNER PROGRAM**
Topics to include: Buying, selling
& financing a practice;
Communication in the dental
office 6-9 p.m. *The Columbia
Club, 15 W. 43rd Street. 2 CE
Credits. \$95.*

April 28: **CE PROGRAM:
OCCLUSAL RADIOLOGY**
Speaker: Dr. N. Serman,
Professor of Clinical Dentistry.
Hands-on course, limited to 8
participants. 8-11 a.m. *Columbia
University Medical Center. 3 CE
Credits. \$150.*

April 28: **WESTCHESTER/ROCKLAND
ALUMNI STUDY CLUB MEETING**
Speaker: Dr. S. Chussid, Director,
Pediatric Dentistry. 6:30-9 p.m.
New York Medical College.

April 29: **DEAN'S RESEARCH
LECTURE SERIES**
Topic: "Pediatric Dentistry"
Speaker: Dr. S. Chussid, Director,
Pediatric Dentistry.
4:30-6 p.m. *Humphrey's
Auditorium, VC 14. 1 CE Credit.*

April 29: **16TH ANNUAL
TENENBAUM LECTURE IN
PERIODONTICS** Topic: "Genetic
Epidemiology of Chronic
Periodontitis." Speaker: Dr. B.
Michalowicz, University of
Minnesota. 12-1 p.m.
Humphrey's Auditorium, VC 14.

May 1: **ALUMNI RECEPTION,
AMERICAN ASSOCIATION OF
ORTHODONTISTS MEETING**
5:30-7:30 p.m. *Renaissance
Orlando Resort, Orlando, FL.*

May 5: **NEW JERSEY ALUMNI STUDY
CLUB MEETING** Speaker: Dean Ira
Lamster. 6:30-9 p.m. *Hackensack
University Medical Center.*

May 7: **CLASS REUNION DAY**
1-7 p.m. *Columbia University
Medical Center.*

May 10: **ANNUAL OKU INDUCTION
DINNER.** Honoree: Dr. Allan
Rosenfield, Dean, Mailman
School of Public Health.
6-9 p.m. *The Faculty Club,
P&S 4th floor.*

May 14: **CE PROGRAM:
APPLICATION OF LASERS IN
DENTISTRY** Speakers: Dr. S. Lal,
Dr. A. Helfer, Dr. S. Rosenberg.
1-5 p.m. *Health Sciences Library,
Room 401. 4 CE Credits. \$150.*

May 19: **COLUMBIA UNIVERSITY
COMMENCEMENT** 10:30 a.m.
W. 116th Street & Broadway.

May 20: **SDOS GRADUATION
CEREMONY** 11 a.m. *Chapel
Garden, Columbia University
Medical Center.*

May 25: **LOS ANGELES ALUMNI
STUDY CLUB MEETING** Speaker:
Dr. M. Davis. 6-9 p.m. *Los
Angeles, CA.*

May 29: **ALUMNI RECEPTION,
AMERICAN ACADEMY OF
PEDIATRIC DENTISTRY ANNUAL
SESSION** 6-8 p.m. *San Francisco
Marriott, San Francisco, CA.*

June 9: **CE PROGRAM:
ALTERNATIVE DENTISTRY**
Speakers: Dr. W. Levine, Dr. A.
Saffer, Dr. M. Spector 8-11 a.m.
*The Columbia Club, 15 W. 43rd
Street, 3 CE Credits. \$125.*

June 18: **CE PROGRAM: THE WORN
DENTITION AND THE DYNAMICS
OF OCCLUSION: ABFRACTION,
ABRASION, ATTRITION AND
CORROSION REVISITED** Speaker:
Dr. J. Grippo. 8-11 a.m. *The
Columbia Club, 15 W. 43rd
Street. 3 CE Credits. \$125.*

June 18: **COMMEMORATION
CEREMONY & RECEPTION**
Honoring the life of Professor
Emeritus Edward A. Cain, Jr. '43.
4:30-7 p.m. *Columbia University
Medical Center.*

September 10: **COLUMBIA
UNIVERSITY 250TH ANNIVERSARY
SYMPOSIUM** In honor of Dr. Irwin
D. Mandel, Professor Emeritus.
9 a.m.-5 p.m. *Columbia
University Medical Center.*

October 1-2: **CLOSING WEEKEND
& HOMECOMING FESTIVAL
COLUMBIA 250**
www.c250.columbia.edu

October 1: **ALUMNI RECEPTION**
American Dental Association
Meeting, *Orlando, FL.*

October 2: **ALUMNI RECEPTION**
American Association of Oral &
Maxillofacial Surgeons Meeting,
San Francisco, CA.

October 15: **ANNUAL IRVING
NAIDORF LECTURE IN
ENDODONTICS** Dr. G. Bergenholt,
University of Gotenberg,
Sweden. *Columbia University
Medical Center.*

For further information contact
Melissa Welsh at 212-305-6881
or mmw7@columbia.edu.



PRIMUS *notable* LESLIE W. SELDIN DDS'66

Q. Dr. Seldin, as a leader in national dental organizations, including your position as the new General Chairman of the Greater New York Dental Meeting, which of your professional achievements has been the most rewarding?

A. Chairing the committee for the ADA's 2001 Future of Dentistry Report was probably the most exciting thing I have done. We produced a comprehensive plan for dentistry's future, demonstrating that oral health must be treated as a part of total health. It was well received and is widely used.

Q. How did a Columbia Dental School education influence your career?

A. Columbia provided a challenging intellectual environment and an unequalled comprehensive learning experience. SDOS also excels in instilling students with a sense of moral and ethical responsibility, a unique motivation to excellence and pride throughout their careers.

Q. You chair the Dean's Advisory Council for the Dental School; how does the Council assist the Dean?

A. Dean Lamster has asked us to address the status of alumni relations, internal and external communications, and the image of the school in the eyes of its graduates and the public. Our fresh insights will help the School find new approaches to these matters.

Q. Beyond professional commitments, what absorbs your time?

A. I often appear in court as an "expert" in cases of dental malpractice, and I lecture on legal, moral and ethical issues concerning dental practice. I also have a wonderful home life with my wife, who is a faculty member at SDOS. She and I first met when our families lived two doors apart and her older brother was a friend of mine. They moved when she was five, but, happily, we found each other again as adults.



COLUMBIA UNIVERSITY

*School of Dental and
Oral Surgery*

630 WEST 168TH STREET
NEW YORK, NY 10032-3795

Nonprofit Org.
U.S. Postage
PAID
New York, NY
Permit No. 3593

sdos PRIMUS *notes*

P&G GIVES COLUMBIA LANDMARK GIFT of PATENTS

SDOS Primus Notes is a semi-annual newsletter of the School of Dental and Oral Surgery. It is the sister publication to the semi-annual alumni magazine *Primus*.

2004
WINTER

A gift of mouthwash is not often cause for celebration, but Steven P. Engebretson, DMD, MS was thrilled. Dr. Engebretson, an assistant professor of dentistry in the Department of Periodontics at the School of Dental and Oral Surgery, is enthusiastic because this gift, which has already become an important part of his work at the Dental School, is far more than an antidote for bad breath.

Procter & Gamble recently made Columbia owner of all current patents on Ketorolac oral rinse, in which Ketorolac is the active ingredient for treating inflammation from periodontal disease. Patent transfers are common, but an outright gift of patents is not. According to Columbia University Science and Technology Ventures, P&G's generous patent donation is a first at Columbia.

P&G has not only turned over its USPTO and European-granted patents for Ketorolac, but added nearly two decades of research, plus Phase I and Phase II trial data, and support funds of \$650,000 for ongoing investigations. Dr. Engebretson hopes to develop

Ketorolac to help those most threatened by periodontal disease. Diabetes, heavy smoking, rheumatoid arthritis, pregnancy, and excess dental work can all cause severe gum inflammation. Left unchecked, this disease can lead to serious — even life-threatening — problems, from loss of teeth and jaw bone to possible cardiovascular problems. Because periodontal bacteria and their toxic products enter damaged blood vessels in the gums, they gain access to the bloodstream where, recent studies suggest, they may contribute to forming blood clots that cause heart attack and stroke.

While Ketorolac, a nonsteroidal anti-inflammatory drug (NSAID), soluble in water, is the basis for a therapeutic mouth rinse, it is not meant to kill microorganisms in the mouth. Such products have not succeeded, both because it is impossible to kill every germ that hides in the mouth's many nooks and crannies, and also because, as growing evidence shows, periodontal infection seems to arise from a persistent immune response to bacterial plaque, not from the bacteria themselves. The NSAID strategy for a

Ketorolac mouth rinse is aimed at molecules that create this immuno-inflammatory reaction. NSAID pills can stop oral inflammation; but, because they must be swallowed, they can cause internal bleeding. A rinse, however, stays in the mouth only briefly to do its work before leaving the body.

Dr. Engebretson believes Columbia and SDOS may gain exciting opportunities from ownership of this intellectual property. With FDA approval of ongoing Phase II trials and subsequent Phase III trials, he says, the university could anticipate marketing Ketorolac.



Dr. Steven P.
Engebretson

from the DEAN'S DESK

I am pleased to send you our inaugural issue of *SDOS Primus Notes*. This newsletter takes the second step in our new plan to communicate more frequently and effectively with alumni and friends of the School of Dental and Oral Surgery. You saw the first evidence of this decision in the Fall of 2003 with the redesign of the *Dental Examiner*, our SDOS alumni magazine. Previously, the magazine appeared annually, but we will now publish a somewhat shorter version, under its new name, *Primus*, in spring and fall. *SDOS Primus Notes* will be sent in summer and winter and will incorporate my "From the Dean's Desk" letter, formerly mailed as a separate entity. Our intent is to highlight both the School's accomplishments and its direction, and also to take a closer look at some of the remarkable people at

Dean Ira Lamster gave the keynote address, "The Oral Infection-Systemic Disease Link: Of Mouse Models and Clinical Trials," for the University of Michigan School of Dentistry's 2004 Student Research Day in February. Dr. Lamster highlighted the SDOS faculty's important investigations of periodontal disease associated with diabetes and as a risk factor for cardiovascular disease.

SDOS. We hope you enjoy the visual changes and the fuller information that will be provided.

Both the alumni magazine, *Primus*, and this newsletter, *SDOS Primus Notes*, derive their names from the School's acorn and oak leaves logo, around which runs the motto, "Primus Inter Pares," or "First Among Equals."

These changes in our publications come as a result of work by the School's Advisory Council, chaired by Les Seldin '66. A Council subcommittee focused

on stimulating stronger relations between the School and our alumni took its cue from responses to an SDOS alumni survey, which gave the clear message that better communication was needed. I will review the interesting and valuable results of that survey in the next *SDOS Primus Notes*.

Sincerely yours,



IRA B. LAMSTER, DDS, MMSC
DEAN



The Dean's Advisory Council Subcommittee heard from Marilyn Castaldi, Chief Communications Officer, CUMC External Relations, at its meeting on March 13. Dr. Leslie W. Seldin '66, chairman of the Council, presided. The Council is working on a plan to better inform SDOS alumni of significant changes and achievements at the School.

why PRIMUS?

As the School of Dental and Oral Surgery launches a new publication, SDOS Primus Notes, and changes the name of the alumni magazine from Dental Examiner to Primus, readers may well ask: "Why?" As Dean Lamster explains, these names come from the Dental School's motto, "Primus Inter Pares" (First Among Equals), but how did the acorn and the oak leaves become associated with dentistry? They symbolize the tree beneath which Hippocrates sat on the island of Cos as he dispensed medical knowledge, a legend that inspired the Navy to appropriate the insignia for Dental Officers, and the Army to do the same, adding a second acorn as identification of a Medical Officer.

HONORING his parents, HELPING his profession

When Michael Barnett DDS '67 recently included a generous planned gift for Columbia's School of Dental and Oral Surgery in his estate, he fulfilled several goals. He made sure the Abraham and Martha Barnett Fund, named in honor of his parents and begun a few years earlier with his endowment of \$25,000, would be well-funded in the future; he provided continuing help for "some of the School's very talented students;" and he demonstrated an appreciation of the education he received at Columbia. As an endowed fund, his gift keeps growing, and, as perpetual help for new generations of Columbia graduates, it keeps giving.

Dr. Barnett, who is retired from more than 14 years in industry as Senior Director of Dental Affairs and Research for Warner-Lambert (now Pfizer), gives much credit for his professional success to his Columbia education, especially to the strong integration of dental and medical school programs. He has held academic appointments in departments of periodontology at the University of Medicine and Dentistry of New Jersey, SUNY at Buffalo, and the University of Louisville,

and served as Chairman of the Department of Dentistry at Morristown (NJ) Memorial Hospital and as Clinical Associate Professor in the Division of Periodontics at Columbia University's School of Dental and Oral Surgery. He also held postdoctoral fellowships at the University of Washington and at Harvard University, receiving a Certificate in Periodontology and Oral Medicine from the latter institution. He served in the Army as Chief of Oral Medicine at Fort Lewis, Washington, and was awarded the Army Commendation Medal. Dr. Barnett is a Fellow of the American Association for the Advancement of Science and of the American College of Dentists, and is the 2002 recipient of the American Association for Dental Research Jack Hein Public Service Award.

Today, an independent consultant to the oral care industry, Dr. Barnett is an active member of many organizations and boards. He serves on the Dean's Advisory Council for SDOS, which he describes as a "real working group, taking on serious assignments concerning academic, programmatic and policy issues."

Michael Barnett '67 and Barnett Fund scholar Steven Wong '05



^{Well}GIVING to build a legacy

A gift to Columbia University can honor you and your loved ones for generations. Today there are many options for planning your gift, including:

- gifts through your will, or any aspect of your estate plan
- gifts that pay income to you and/or others
- gifts that bear your name, or memorialize a loved one
- gifts of appreciated property, such as stocks or real estate

Ask us how a tax-advantaged gift can benefit both you and SDOS. Contact: *Richard A. Rumsey, Director of Development, at 212-342-5612*

DR. EDWARD A. CAIN JR.

[1920 – 2003]

by RICHARD M. LICHTENTHAL DDS '62
BENFIELD ASSOCIATE PROFESSOR
OF CLINICAL OPERATIVE DENTISTRY



Portrait of Dr. Cain by Laurel Stern.

The faculty, administration and students of the School of Dental and Oral Surgery mourn the passing of Dr. Edward A. Cain Jr., the James W. Benfield Professor Emeritus, at his home in New York City on November 8, 2003, at the age of 83. After Dr. Cain received his DDS degree from Columbia University in 1945, he began a career that spanned 45 years until his retirement in 1990. He was dedicated to teaching many generations of graduates the principles of excellence in Operative Dentistry, and to developing faculty who emulated his dedication.

Starting as an assistant in Dentistry, he rose first to Professor and then to Director of the Division of Operative Dentistry, and later served the dental school as the Associate Dean for Academic Affairs. He was named to the

first endowed chair in Operative Dentistry, the James W. Benfield Professor of Dentistry, established in 1975 by the Samuel J. and Evelyn L. Wood Foundation. Dr. Cain was instrumental in securing the Benfield professorship's historic endowment, and, today, the canceled check for a million dollars - now laminated - is kept on view in the offices of Operative Dentistry.

Dr. Cain belonged to all the important professional societies: the American College of Dentists, New York Academy, Gold Foil Operators, Psi Omega, and OKU, among others. Recipient of many awards, such as the American College of Dentists Meritorious Service Award for Advancement of the Dental Profession, and all of the Columbia University Awards, Dr. Cain was widely known and respected for his publications, research projects, and lectures. He also had a special talent for inspiring faculty and coaxing extra effort from a student with just a look (it was said you could feel his eyes on you) and — occasionally — with a few well chosen words. Even senior faculty addressed him as Dr. Cain, never Ed. Such was their respect.

Whenever I needed information on a graduate of 10, 20, or even 30 years ago, I asked Ed. His accurate recall of almost everyone was not magic — it was the result of a genuine concern for the career of each student and faculty member, a desire to help you become the

best professional you could be. His influence on so many, for so long, in so many ways, is a legacy to aspire to. Dr. Cain will be missed.

Together with Dr. Cain's family, the School is planning an event honoring Dr. Cain on June 18 from 4:30 to 7:00 pm at Columbia University Medical Center. We hope to announce the creation of a permanent memorial recognizing his contributions to SDOS at that time.

for the RECORD

MEAN DAT SCORES FOR THE CLASS OF 2007:

1. Harvard	21.91
2. U. of Washington	21.70
3. Columbia	21.22
4. UCSF	21.09
5. SUNY-Stony Brook	20.26

POSTDOCTORAL TRAINING

97% of SDOS graduates go on to postdoctoral studies compared to 33% nationally.

PATIENT CARE

100,000+ patient visits in 2003.

IMPLANTOLOGY

SDOS will receive over \$1,000,000 in financial support from two companies to promote clinical research and educational initiatives in the School's implant program.

SDOS Primus Notes WINTER 2004

EDITOR	PHOTOGRAPHY
Patricia Farmer	René Perez
DESIGN	pp. 1,2,3 and 5
Graphyte Design	Douglas McAndrew p.4