History of the
Department of Endodontics
School of Dentistry
University of Washington

Dr. James Steiner and Dr. Norbert Hertl
Seattle, WA
2012
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Acknowledgements

We would like to thank all those who contributed to this project with advice, pictures, stories, information, and proof reading, especially the early faculty members Drs. Ingle, Natkin, Harrington, Van Hassel, Steiner, Oswald, and Pitts and the present faculty members Drs. Johnson, Cohenca, Flake, and Paranjpe.

History of American Association of Endodontics (AAE)

To learn about the history of the American Association of Endodontics go to

www.aae.org/history
In Memoriam

I would like to dedicate this document to the memory of Dr. James Steiner who died in December of 2010 in Edmonds, WA.

One of his favorite quotes:

“Students should be active seekers rather than passive recipients of learning. Teachers should be facilitators who thoughtfully reflect upon what they wish the student to learn.” … James C. Steiner

Dr. Steiner with student 2008
The University of Washington was established in 1861. There are currently seventeen undergraduate schools and one graduate school. The American Association of Endodontists was formed in 1943. The University of Washington School of Dentistry was founded in 1945 and is located on the 700 acre main campus in the Warren G. Magnuson Health Sciences Center which also includes the schools of Medicine, Nursing, Pharmacy, Public Health, and Community Medicine. In addition to the DDS degree, the school offers an MS degree in Dentistry and graduate training in a variety of specialties leading to a certificate of proficiency, including endodontics.

Endodontics has always been recognized as an integral part of the predoctoral teaching program at the University of Washington. From the very early years of the school, the stature of the teaching program in endodontics has been held in high regard nationally.

**Dr. John Ingle** deserves much of the credit for the very rapid rise in the reputation of the program. He chaired the combined Department of Periodontics and Endodontics from 1959 until 1964. He had the foresight to recognize the role endodontics would play in health care and initiated a graduate program in Endodontics in 1959. At that time it was one of only four or five such programs in the world. They included the University of Pennsylvania under Dr. Louis Grossman, Indiana University under Dr. Harry Healey, the University of Michigan under Drs. Ostrander, Crowley, and Sommer, and Ohio State University under Dr. James Marshall.

Dr. Ingle’s long term goals were to develop skillful clinicians, able teachers, and knowledgeable researchers. These same goals were pursued by every succeeding chair of the department. His immediate challenges were funding, a well-trained faculty, appropriate patients, office and clinic space, and teaching materials. Few endodontic textbooks were available. Dr. Ingle remembers a time when broaches were the only endodontic instruments available, when files and reamers were not standardized, when focal infection theory was prevalent, and when extractions were often preferred to root canal treatment.

Because of Dr. Ingle’s efforts, the school received several Teacher Training Grants from the U.S. Department of Public Health through 1967. Several of the early graduates, such as Drs. Natkin,
Luebke, Beveridge, Clem, Cathey, and Steiner became full-time faculty members. They in turn spread their University of Washington grad endo story to Kentucky, Louisiana State University, University of Southern California, Northwestern, and the University of North Carolina.

Endodontics was recognized by the ADA as a specialty of dentistry in 1964, the year Dr. Ingle left to become Dean of the School of Dentistry at the University of Southern California.

Dr. Ingle published the first edition of his textbook *Endodontics* in 1965 with contributions by Drs. Natkin, Beveridge, Luebke, and Goldberg. He was very prominent in national endodontic politics including being a founding member of the American Board of Endodontics and in 1966 the President of the American Association of Endodontists. These accomplishments by Dr. Ingle contributed not only to the national reputation of the Endodontic Department at the University of Washington but also to its international reputation.

**Dr. Saul Schluger**, a periodontist, who had been recruited from Columbia University in 1958, became Chair of the combined departments in 1964 but delegated responsibility for the teaching program in Endodontics to Dr. Natkin.

**Dr. Eugene Natkin** had been the first graduate of the specialty program in 1962 and had joined the faculty after graduation. He remembers that during his training, students did not present cases for discussion; however, treatment planning seminars were held by Dr. Ingle presenting various cases. Supervision was limited due to the lack of faculty, and patients were treated two or three days a week. He remembers taking many basic science courses. After he graduated, Dr. Natkin practiced one-half day a week with Dr. Pierre Dow. Later on Dr. Chet Burrell joined this practice, followed by Dr. Ron Slowey. At first Dr. Natkin was the only endodontist on the faculty. General dentists interested in endodontics made up the part time faculty. By 1967 Drs. Eugene Natkin, James Steiner, Hank Van Hassel, William Clem, and Ron Slowey (part-time) were the trained endodontists on the faculty. Drs. Tom Simpson, Chet Burrell, and Bernard Zeldow were teaching as grand-fathered endodontists. Much of the undergraduate teaching continued to be done by general dentists. In 1967 Dr. Ron Slowey was the first trained endodontist practicing full-time in Seattle, and the only one between Milwaukee and the West Coast.

In 1967 the combined department was separated into the Department of Periodontics and the Department of Endodontics. Dean Maurice Hickey appointed Dr. Natkin to be the first Chair of the Department of Endodontics in that year. He held this position until 1980. Dr. Natkin set an ambitious course for his department and put together an exceptional teaching program on the predoctoral and postdoctoral levels. With the aid of Dr. Robert Guild, a behavioral psychologist, self-instructional syllabi were developed for all predoctoral courses. The syllabi became widely recognized for the quality of instruction, and contained many concepts, unpublished at the time, which proved to be ahead of the field in predoctoral education programs as well as postdoctoral programs. Concepts and technical procedures were to be tested in the graduate program and the confirmed information and treatment procedures were then to be transferred to the predoctoral program. Dr. Natkin’s sabbaticals were focused on bringing back teaching materials which resulted in a comprehensive two-quarter graduate level course in radiology.
Dr. Natkin was a member of ten professional and honor societies. He was appointed to nineteen entities as a member, as a consultant, as a co-chair, or as a visiting professor outside of the dental school. He was on forty-six different committees within the dental school. He gave sixty-five clinical presentations and seven scientific presentations. He received four research grants and one to train graduate students to become teacher-researchers. He received eight awards for outstanding instruction from predoctoral students. He was involved in forty-nine instructional, clinical and scientific publications. In 1995 he retired as Professor Emeritus. In 2001 he received the first Bruce Rothwell Distinguished Teacher Award from the UW School of Dentistry. Many of his graduate students went on to become deans, associate deans, department chairs, and graduate program directors.

Dr. Henry Van Hassel was on the full-time faculty in the Department of Endodontics from 1967 until 1981. He received his M.S.D. in Endodontics from the University of Washington in 1967 followed by a Ph.D. in Physiology and Biophysics in 1969. He is one of the first endodontists to have earned a Ph.D. in a basic science. This background earned him immediate national and international recognition. He became the recognized authority on pulp physiology. He organized and managed an international pulp biology conference. Dr. Van Hassel was a major contributor to all aspects of departmental activity from 1967 to 1981. He had sole responsibility for many graduate level courses and he was research preceptor for numerous M.S.D. students. He was active for many years in national endo politics culminating in his presidency of the AAE in 1981. He was the Editor of the Journal of Endodontics from 1988 until 2002.

For many years the United States Public Health Service (USPHS) selected one of its general dentists for further training at the University of Washington Department of Endodontics. In 1967 Dr. Van Hassel was the first such resident to be chosen. After completion of his Ph.D. he continued to serve as an officer of the USPHS and had major responsibility for the training of most of the USPHS residents who followed him.

In 1981 Dr. Van Hassel became Director of the Graduate Endodontics Program at the University of Maryland and in 1982 he became Chair of the Department of Endodontics. In 1984 he became Dean of the School of Dentistry at the Oregon Health Sciences University. He retired in 1998 and received the Distinguished Alumnus Award from the UW Dental Alumni Association in 2001. Dr. Van Hassel was an avid researcher and author of many articles and two books. He has lectured throughout the Pacific Northwest, in major cities, and at meetings in the United States, Canada, Mexico, Australia, Argentina, and New Zealand.

The US Navy and the US Air Force also sent officers to be trained as endodontists to the University of Washington.

Graduates who were Commissioned Officers in the US Navy and US Air Force

<table>
<thead>
<tr>
<th>Year</th>
<th>Name (Service)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1974</td>
<td>Dr. Dennis Yavorsky (Navy)</td>
</tr>
<tr>
<td>1987</td>
<td>Dr. Charles Kimberly (Navy)</td>
</tr>
<tr>
<td>1988</td>
<td>Dr. Patrick Taylor (Navy)</td>
</tr>
<tr>
<td>2004</td>
<td>Dr. Christopher Ettrich (Air Force)</td>
</tr>
<tr>
<td>2008</td>
<td>Dr. Jeffrey Hockett (Navy)</td>
</tr>
<tr>
<td>2012</td>
<td>Dr. Randy Ball (Navy)</td>
</tr>
</tbody>
</table>
Graduates who were Commissioned Officers in the US Public Health Service

1967  Dr. Henry Van Hassel  1975  Dr. Michael Lund
1968  Dr. Cameron Crump   1976  Dr. Paul Lovdahl
1969  Dr. Lawrence Carnes  1977  Dr. Gary Guzy
1970  Dr. James Bogden     1978  Dr. Philip Mosen
1971  Dr. Stanley Andrews  1979  Dr. Norbert Hertl
1972  Dr. James Standifer  1980  Dr. John Ludington
1973  Dr. Edward Kuzma    1981  Dr. Victor Palmieri
1974  Dr. John Gell       1982  Dr. Harvey Matheny

Dr. Robert Oswald was Chair of the Department from 1981 until 1989. He had received his Certificate of Endodontics from Columbia University in 1974 and joined the full-time faculty in Endodontics at the University of Washington in that year. Dr. Oswald remained on the part-time faculty from 1992 until 2007 and later he became Clinical Professor Emeritus. He was a member of ten dental organizations. He received twelve outstanding teaching awards and was a member of two professional honor societies. He received three research grants. He was involved in fourteen publications and multiple written and visual instructional materials. He gave at least forty professional presentations. He was responsible for teaching multiple classes in the graduate and undergraduate programs. He was involved with twenty Graduate Research Committees. He had multiple administrative responsibilities with the Department of Endodontics and the School of Dentistry.

Dr. David Pitts was Chair of the Department from 1989 until 1992. He had joined the full-time faculty after receiving his M.S.D. in endodontics from the University of Washington in 1977. He received Outstanding Teaching awards from sixteen dental classes. He was nominated for the University of Washington Distinguished Teaching Award in 2001. He received the Bruce Rothwell Distinguished Teacher Award in 2003 and the Distinguished Faculty Award from the Washington State Dental Association in 2006. He received nine other professional honors, mostly from honor societies. He was awarded three grants. He was involved in twenty-seven publications and thirty-six teaching materials. He gave twenty-seven scientific presentations and eleven continuing dental education presentations. He was responsible for teaching many graduate and undergraduate classes. He had many administrative responsibilities in the Department of Endodontics and the School of Dentistry, including Endodontic Predoctoral Program Director, 2001-2009. In 2007 he became Director of Educational Technology for the Regional Initiatives in Dental Education (RIDE) program, which was a half-time position. The other half-time he remained in the Endodontic Department. In 2009 he retired as Associate Professor Emeritus.
Dr. Gerald Harrington was Chair of the Department from 1993 until 2001. He joined the faculty of the Endodontic Department after receiving his M.S.D. from the University of Washington in 1969. He was the director of the Graduate Endodontic Program from 1972 until 2001. He was a member and held offices in nine professional and honorary societies. He received eighteen Outstanding Teaching Awards. He was involved in forty-two publications, received one grant and gave 126 presentations. He taught twenty-two different graduate courses and twenty-eight different undergraduate courses. He was on forty-eight graduate research committees. He was chair or member of fifty-seven Dental School related committees.

He retired in 2001 as Professor Emeritus. The same year he received the I.B. Bender Lifetime Teaching Award from the AAE and the Faculty Award from the WSDA. At his retirement it was announced that a fund had been established by the alumni of the Graduate Endodontic Program in honor of Dr. Harrington and Dr. Natkin in recognition of their contributions to the specialty of endodontics and to the Department of Endodontics at the University of Washington. More than $ 200,000 had already been raised by then. This fund is to provide financial support and recognition for students enrolled in the graduate program in Endodontics and to promote the recruitment and retention of outstanding students in endodontics. Drs. Denny Southard, Sid Patten, John Holcomb, James McGraw, Robert Oswald, Kevin O’Neill, and Mahmoud Torabinejad were involved in starting this fund. Dr. Harrington also received the Bruce Rothwell Distinguished Teacher Award from the School of Dentistry.
Dr. James Steiner was Acting Chair from 1969 until 1970 and in 2003. He started in the Oral Biology graduate program at the University of Washington in 1963. In 1964 he also enrolled in the endodontic program. He finished both programs and received his M.S.D. in Oral Biology and his Certificate in Endodontics in 1966. He joined the full-time faculty in the endodontic department. From 1967 until 1971 he was the Director of the Graduate Endodontic Program.

Dr. Steiner left to become the Chair of the Department of Endodontics at Louisiana State University. After a few years in private practice he became Chair of Endodontics at UCLA. In 1992 he came back as Clinical Professor in the Department of Endodontics at the University of Washington. From 1999 until 2001 he was Associate Dean of the Dental School, from 2001 until 2002 he was Acting Dean of the Dental School. In 2003 he was Acting Chair of the Department of Endodontics and Director of the Graduate Program. From 2003 until 2006 he was Associate Dean of Student Services.

In 1997 Washington Dental Service endowed the Washington Dental Services Foundation Distinguished Professorship in Dentistry with a $2 million dollar gift, the largest gift to the school. It was the first endowed chair for the School. In 1998 Dr. Steiner was chosen to hold this Professorship for three years.

Dr. Steiner chaired or was a member of thirty-eight committees. He belonged to ten professional and honorary societies. He received fifteen professional and teaching honor awards. He received six research grants and was involved with twenty-one publications. Dr. Steiner retired in 2008 as Clinical Professor. He died in 2010 in Edmonds, WA.
Dr. Tiina Oviir received her D.D.S. from the University of Tartu in Estonia in 1986 and her Certificate in Endodontics from Columbia University in New York in 1999. From 1999 until 2007 she was a full-time faculty member in the Department of Endodontics at the University of Washington. Since then she has been in private practice while she continues teaching on the part-time faculty as Affiliate Associate Clinical Professor. She is also on the AAE Scientific Advisory Board reviewing articles for the Journal of Endodontics. She is a member and has been an officer of many dental committees and organizations.

She has received several professional honors. She has been involved in eight publications. She has given many professional presentations including five major invited presentations.

Dr. Gerald Glickman was Chair of the Department and Graduate Program Director from 2001 until 2002. He returned to Baylor College of Dentistry in Dallas as Professor and Chair of the Department of Endodontics and Director of Graduate Endodontics. In 2002 he was elected President of the American Board of Endodontics, in 2009 President of the AAE, and in 2011 President-elect of the American Dental Education Association.

Dr. James Johnson became Chair of the Endodontics Department and Director of the Graduate Endodontics Program in 2003. Previously he was Chair of the Endodontics Department and Professor at the Naval Postgraduate Dental School in Bethesda and later Chair of the Research Department at the Naval Postgraduate Dental School. He is at present a Director of the American Board of Endodontists.

Dr. Johnson left the Navy with the rank of Captain and with multiple honors and awards such as three National Defense Medals, the Vietnam Service Medal, the Global War on Terrorism Medal, the Air Force Commendation Medal, three Navy Commendation Medals, and the Meritorious Service Medal. He served as the Specialty Leader for Endodontics for the Navy to the Surgeon General of the Navy from 1997 to 2001.

He is or has been a member or officer of twenty different dental organizations. He has been awarded five grants plus three that are under review. He has been involved in thirty-nine publications plus two that have been submitted. In the Navy and at the University of Washington he is or has been a member or chair of eighteen committees. He has given presentations nationally and internationally.
Endodontic Department Chairs, University of Washington

1959-1964    Dr. John Ingle, Chair, combined Perio-Endo Department
1959         Dr. Ingle established Graduate Program in Endodontics
1964-1967    Dr. Saul Schluger, Chair Perio-Endo, (Dr. Natkin responsible for Endo)
1967         Departments of Endodontics and Periodontics were separated
1967-1980    Dr. Eugene Natkin, First Chair of separate Department of Endodontics
1969-1970    Dr. Jim Steiner, Acting Chair, Dr. Natkin on sabbatical in London
1977-1978    Dr. Gerald Harrington, Acting Chair, Dr. Natkin on sabbatical in Toronto
1981-1989    Dr. Robert Oswald, Chair
1982-1983    Dr. Eugene Natkin, Acting Chair, Dr. Oswald on sabbatical in Sydney
1989-1991    Dr. David Pitts, Acting Chair
1991-1992    Dr. David Pitts, Chair
1993-2001    Dr. Gerald Harrington, Chair
2001-2002    Dr. Gerald Glickman, Chair
2003         Dr. James Steiner, Acting Chair
2003-present Dr. James Johnson, Chair
## Full-time Faculty 1948—2012

<table>
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<tr>
<th>Years</th>
<th>Faculty Name</th>
<th>Years</th>
<th>Faculty Name</th>
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<tr>
<td>1948-64</td>
<td>John Ingle</td>
<td>1974-92</td>
<td>Robert Oswald</td>
</tr>
<tr>
<td>1957-66</td>
<td>Bernard Zeldow</td>
<td>1977-09</td>
<td>David Pitts</td>
</tr>
<tr>
<td>1962-95</td>
<td>Eugene Natkin</td>
<td>1992-06</td>
<td>James Steiner</td>
</tr>
<tr>
<td>1965-66</td>
<td>William Clem</td>
<td>1999-07</td>
<td>Tiina Oviir</td>
</tr>
<tr>
<td>1967-71</td>
<td>James Steiner</td>
<td>2001-02</td>
<td>Gerald Glickman</td>
</tr>
<tr>
<td>1967-81</td>
<td>Henry Van Hassel</td>
<td>2003-</td>
<td>James Johnson</td>
</tr>
<tr>
<td>1969-01</td>
<td>Gerald Harrington</td>
<td>2005-</td>
<td>Nestor Cohenca</td>
</tr>
<tr>
<td>1971-72</td>
<td>Neil Bryant</td>
<td>2007-</td>
<td>Natasha Flake</td>
</tr>
<tr>
<td>1972-73</td>
<td>Matthew Mandel</td>
<td>2009-</td>
<td>Avina Paranjpe</td>
</tr>
<tr>
<td>1973-74</td>
<td>Dennis Kobata</td>
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(left to right) Dr. John Ingle and Dr. Robert Oswald, AAE Convention, San Diego 1985
Part-time Faculty Contributions

To have an effective teaching program at the School of Dentistry, the Endodontic Department depended on a dedicated and faithful part-time faculty. This part-time faculty played major roles in the early years of the department and continues to support it until this day. Notable among the early part-timers were Drs. Thomas Simpson (40 years), Chester Burrell (45 years), Bernard Zeldow (35 years), Milan Starks (46 years), Joseph Spinola (45 years), and Jack Bell (45 years). A few months after Joseph Spinola graduated from the University of Washington in 1956, he joined the faculty two days a week. In the clinic he had students with both perio and endo patients until Dr. Schluger joined the faculty. From then on he taught as a part-time endo faculty member. He retired in 2001 as Clinical Associate Professor Emeritus. Dr. Zeldow retired in 1992 as Clinical Professor Emeritus. Dr. Starks retired in 1993 as Clinical Associate Professor Emeritus.

Tom Simpson and Chet Burrell taught in the graduate clinical program from the very early years. Several generations of graduate students were able to benefit from their willingness to share their clinical expertise. Each year Tom also taught a one-quarter course in clinical diagnosis and technical procedures to the first-year graduate students. Chet and Tom retired from the faculty in 1997 and both were awarded the title Clinical Professor Emeritus.

As students graduated from the program, many joined the part-time faculty and helped out in the teaching program. Those who have taught twenty-five years or more include David Steiner (37 years), Gerald McCann (35 years), Matthew Mandel, Sidney Patten, Henry Harbert, Jeanette Brandal, and Dennis Kobata.

Some part-time faculty members also accepted the responsibility for teaching registered didactic courses or for presenting extensive lectures in the graduate program. These include Thomas Simpson, Dennis Kobata, David Steiner, Paul Lovdahl, John West, and Sidney Patten.

The diverse interests and experiences of the part-time faculty have been a major source of strength for the department’s teaching program.

The Endodontic Program at the University of Washington maintains an outstanding national and international reputation and, therefore, continues to attract well qualified applicants from around the world. The Department of Endodontics offers a combined Certificate in Endodontics/Master of Science in Dentistry degree. It requires research training and completion of a publishable paper during a period of twenty-six months. It also offers a Certificate in Endodontics.
UW Non-dental Faculty Members with Major Influence on the Department of Endodontics

Art Brown was a full professor in the Department of Physiology and Biophysics. He acted as M.S.D. preceptor for a series of graduate endodontic students including Dr. Van Hassel and Dr. Harrington and as Ph.D. preceptor for Dr. Van Hassel. With Dr. Brown, Dr. Van Hassel and the work of several graduate students, the department developed an international reputation for research in pulp vascular physiology. The faculty nominated Art Brown for election to Honorary Membership in Omicron Kappa Upsilon. Dr. Brown left the University of Washington to become Associate Dean at Oregon Health Sciences University.

Margaret Byers, Research Professor Emeritus, Anesthesiology and Pain Medicine, also acted as M.S.D. preceptor for a series of graduate endodontic students, including Chuck Kimberly, Rick Taylor and Bertrand Khayat. They brought the graduate program international recognition for introducing and developing the concept of neurogenic inflammation in the dental pulp. As a result, Margie was recognized by being honored with Honorary Membership in the AAE in 1999.

Jack Nicholls is a civil engineer and was a professor in the Department of Restorative Dentistry. He helped graduate M.S.D. students apply engineering principles to endodontic problems. He helped resolve problems related to post placement in root canals and preventing vertical root fractures. In 2002 he gave the 32nd Annual Ernest M. Jones Memorial Lecture titled, "Dental Materials and the Practicing Dentist", to a capacity crowd.

Dr. Jack Nicholls
Accomplishments of Some of the Endodontic Graduates

Eugene Natkin (1962)  
Full-time faculty, Endodontics, UW 1962-95  
Chair, Endodontics UW 1967-80, lectured nationally and internationally  
One-year sabbaticals in London, Toronto, and Gothenburg and one quarter at UW  
Professor Emeritus

Ed Beveridge (1964)  
Chair, Endodontics, USC, Assistant Dean, Dental School, USC  
Co-author of Ingle's 2nd edition textbook in endodontics

Ray Luebke (1964)  
Chair, Endodontics, University of Kentucky  
Chair, Endodontics, Louisiana State University  
I.B. Bender Lifetime Educator Award 2002 from AAE  
Assistant Dean, Dental School, LSU

Bill Clem (1965)  
Full-time faculty UW (65-66), then in the Graduate Program at Northwestern and later at Illinois  
Graduate Program Director, Endodontics, University of Maryland

Marshall Goldberg (1965)  
Became MD, dermatologist

Gerald Cathey (1966)  
Full-time faculty, Endodontics, North Carolina, 1966-79  
Full-time faculty, Endodontics, University of Florida, 1979-86  
Assistant Dean for Academic Affairs, University of Florida, 1986

James Steiner (1966)  
Director of Graduate Endodontics, UW  
Chair Endodontics, Louisiana State University  
Chair Endodontics, University of California at Los Angeles, (UCLA)  
Contributed chapters to endodontic textbooks  
Lectured nationally and internationally including Hungary, Czech Republic, Mexico, Canada, and Ireland  
Associate and Acting Dean, School of Dentistry, UW

Ronald Slowey (1967)  
Authored a classical, well recognized paper on radiographic recognition of root canal anatomy

Henry Van Hassel (1967)  
Full-time faculty, Endodontics, UW 1967-81  
Chair, Endodontics and Director of Graduate Endodontics Program, University of Maryland  
Dean, Dental School, Oregon Health Sciences University  
Editor JOE, President AAE (81-82)  
President, Oregon Dental Association  
Distinguished Alumnus Award from UW Dental Alumni Assoc.  
Louis Grossman Award (84), Edgar Coolidge Award (93)  
Ralph Sommer Award (05)
Cameron Crump (1968)  Head of Endodontics, U.S. Indian Health Service

Larry Carnes (1969)  Faculty, Endodontics, University of Louisville

Director of Graduate Program and later Chair of Endodontics, UW
Lectured nationally and internationally including Venezuela, Italy,
Thailand, Israel, Canada, Ireland, South Korea, and Turkey
I.B. Bender Lifetime Educator Award

James McGraw (1969)  Vice President, ADA
President, SKCDS, WSDA, and AAE (90-91)
Woodland Park Zoo dentist for thirty years
Board of Directors, Woodland Park Zoo, Seattle
Professor Emeritus, UW

William Scharwatt (1970)  Board of Directors AAE, Alumnus of the Year, Oregon Health
Sciences University
President, Multnomah Dental Society

Stan Andrews (1971)  Chair, Endodontics, University of Maryland

Paul Brown (1971)  Consulting Associate Professor, Stanford University
Endodontist to San Francisco Zoo and Marine World
Cofounder, eHuman.com - producers of 3D anatomy atlases

Neil Bryant (1971)  Chair, Public and Professional Affairs Committee, AAE

Carl Botvinick (1972)  Part-time faculty, Endodontics, University of Detroit
Head, Department of Graduate Endodontics, University of Detroit
Head, Department of Endodontics at St. Joseph Hospital, Pontiac, MI
Head Board Examiner, Endodontics, State of Michigan
President, Oakland County Dental Society
President, Michigan Association of Endodontists
Chair, Board of Michigan Dental Plan

Wallace Brown (1973)  President, Salt Lake Dental Society
Editor, Utah Dental Association newsletter Action
Founding member and later twice President, Utah Association of Endodontists
Utah Dental Association District Service Award
Trustee, Foundation Board, AAE
David Steiner (1974)  
Published several clinically significant papers, including three textbook chapters  
L ectured around the country including at national meetings of the AAE, the American Academy of Restorative Dentistry, and the American Academy of Esthetic Dentistry

John Gell (1974)  
President, Connecticut Association of Endodontists

Paul Lovdahl (1976)  
Co-author, Problem Solving in Endodontics textbook (five editions, eight languages)  
International lecturer  
M entor in endodontic surgery to Fundación Científica para la Educación Continua en Odontología Córdoba, Argentina since 2005  
Missionary Dentist to Durango, Mexico, since 2001

Mahmoud Torabinejad (1976)  
Director, Graduate Endodontics, Loma Linda  
Member, AAE Board of Directors  
Co-author of three endodontic textbooks  
A. Lessons for Endodontic Surgery  
B. Endodontics: Principles and Practice  
C. Principles of Single Tooth Implant and its Restoration  
Louis Grossman Award (93), Ralph Sommer Award (86) from AAE  
Louis Grossman Award from the French Society of Endodontists  
Vanguard Award for research from Loma Linda in 2006  
Dental School Distinguished Research Award in 2008  
His textbook Endodontics: Principles and Practice has been the most commonly used endo textbook in predoctoral programs in this country for many years.  
President, AAE Foundation  
Developed MTA and MTAD  
Loma Linda University dedicated Graduate Endodontic Clinic in his name  
A dental research center in Iran is named after him (2010)  
He has given over 200 presentations in more than 40 countries  
Author of over 300 publications  
Author of most cited articles in endodontic literature
Department of Endodontics at the University of Washington

Carl Hawrish (1977)  
M.S., Oral Pathology  
Chair, Oral Diagnosis and Oral Surgery (including Endodontics),  
University of Alberta  
President, Canadian Academy of Endodontics  
Chapter contributor to Ingle’s *Endodontics*, 5th Ed.

David Pitts (1977)  
Full-time faculty UW 1977-2009  
Chair, Endodontics, UW  
One year sabbatical each in London, England and Bergen, Norway  
Associate Professor Emeritus, UW

John Diggens (1979)  
President, Canadian Dental Association  
Head, Endodontic Division, University of British Columbia

Norbert Hertl (1979)  
President, Washington State Association of Endodontists  
President, Snohomish County Dental Association

Edmund Kwan (1980)  
Endodontist for Woodland Park Zoo, Point Defiance Zoo,  
Cougar Mountain Zoo, and Seattle Aquarium

Linda Linari -

Southard (1980)  
Part-time faculty, UW and University of Oklahoma  
President, Oklahoma Association of Endodontists

John Ludington (1980)  
Chair, Endodontics and later Associate Dean, Dental Branch,  
University of Texas at Houston  
Endowed Chair in his honor in the Department of Endodontics

(from left) Dr. Ed Kwan, Wanda Doty, Dr. Borg Halle, Dr. Norbert Hertl, AAE convention, San Diego, 1985
Kevin O'Neill (1981) Part-time faculty, University of Pacific (San Francisco)

Victor Palmieri (1981) Endodontic Consultant to Chief of Health Services US Coast Guard

Harvey Matheny (1982) President, Arkansas Association of Endodontists
Full-time faculty, University of Tennessee School of Dentistry

Denny Southard (1984) Widely recognized lecturer who was passionate about immediate buildups and single visit endodontic treatments

Douglas McKendry (1986) Full-time faculty, Loma Linda
Among authors of top 100 most cited articles in endo literature

Bertrand Khayat (1987) Widely recognized lecturer
Private practice in Paris, France
Endodontist for Russian leaders in the Kremlin. A clinic was set up for him in Moscow and he and his assistants have been flown there whenever treatment was needed.

Patrick Taylor (1988) Director, American Board of Endodontics
Board of Directors, American Association of Endodontists

Raymond Bogaert (1990) Ph.D., bone physiology, UW

Trustee, AAE Foundation 2002-10
Held many offices and was on many committees with Seattle King County Dental Society, Washington State Association of Endodontists, and AAE
Dr. James McGraw is an example of the exceptional productivity of a graduate of the program. He graduated from the Endodontic Program in 1969, had a private practice in Bellevue, WA, and was a part-time faculty member in the Department of Endodontics for twenty-four years. He became president of the Seattle-King County Dental Society, the Washington State Dental Association, and the American Association of Endodontists. He served as Vice President of the American Dental Association. While at the AAE, he led efforts to democratize the election of its leaders and to establish state associations for endodontists.

For three decades he treated animals at the Seattle Woodland Park Zoo as the “zoo dentist”. His first patient was a baboon in 1970 and later he was often the first dentist to perform a root canal treatment on a particular species.

After his retirement he remained active at the School of Dentistry, serving on the Ethics and Professionalism, Admissions, and Partners in Diversity Committees. He is also a Dean’s Club trustee and member of the UW President’s Club and the Henry Suzzalo Society.

Dr. McGraw received the AAE’s Edgar Coolidge Award in 2000, the WSDA’s Dentist Citizen of the Year, the WSDA President’s Award and ADA President’s Award. In 2010 he received the Distinguished Alumnus Award from the UW Dental Alumni Association.
Seattle Endodontic Seminar - Northwest Academy of Endodontists -
Washington State Association of Endodontists

Many of the teachers in the endodontic program at the University of Washington were also involved in the formation of the professional organizations in the State of Washington. The first meeting of the Seattle Endodontic Seminar was in October of 1969 at the Crabapple Inn in Bellevue. Endodontists and interested General Dentists could become members.

Present were Milan Starks, Chet Burrell, Ron Slowey, Bill Brown, Cameron Crump, Jim Bogden, Neil Bryant, Jim Steiner, Jack Bell, Gerald Harrington, Jim McGraw, Eugene Natkin, Joe Spinola, Henry Van Hassel, Tom Simpson, Dan McNally, Stan Andrews, and Bernie Zeldow. Milan Starks was elected first president. Dues were ten dollars.

At the next meeting in January 1970 they were joined by Joe Neaverth and Richard Woodcock. Pierre Dow was a guest.

In April 1970 the name was changed to Northwest Academy of Endodontists to encourage new members from Oregon and British Columbia to join. Starting in 1971 the meetings took place at the Sandpoint Officers Club in Seattle. Crump and Slowey left in 1972. Starting in 1977, and for several years, meetings were held at the Greenwood Motor Inn in Bellevue, the Sea-Tac Motor Inn, the Airport Hilton, and the Red Lion Motor Inn in Seattle to accommodate out of town members. In 1979 one meeting was held in British Columbia. For several years, starting in 1982, one meeting a year was held in Wenatchee, WA for the many ski enthusiasts among the members.


Department of Endodontics at the University of Washington

(from left) Drs. Jeffrey Pene, Kelly Conlon, James Hamberlin (rear)
Daniel Garabadian, Tom Rude, Scott Pace (front) 1998

(from left) Nicole Porter, Anabelle Pena, Dr. Oscar Pena, Dr. Kristine Yoon,
Dr. Sheri Opp (rear)
Dr. Eric Vetter, Dr. Dzuy Nguyen, Marie Nguyen, Dr. Ritu Bath (front) 2001
Classmates (from left) Drs. Victor Palmieri, Sidney Patten, Rebecca Berger, Kevin O’Neill 1981

Monthly lunch meeting of retired endodontists (from left) Drs. David Pitts, Sidney Patten, Gerald Harrington, Bernard Zeldow, Norbert Hertl 2011
Students and Faculty Remember

Dr. Milan Starks

When I joined the part-time faculty in 1947 there were about a half-dozen full-time professors. I began by helping B.O.A. Thomas teach histology. After that he wanted us to teach root canal therapy (I don’t think the word "endodontics" had been coined by that time). I thought that was a ridiculous idea because I had been taught that you always extracted a pulpally involved tooth and constructed a bridge. As it turned out, Thomas did not know any more about it than I did. We spent many hours burning the midnight oil with an extracted tooth in one hand and a copy of Grossman in the other. We knew that John Ingle was going to show up the next year and take over. For a few years he and I were the whole endo staff and he practiced in my office on Saturdays when I was out playing golf. In the meantime I had been accepted in Guthrie’s crown and bridge seminar, Barney Jankelson’s denture seminar, the Northwest Dental Medicine Seminar, and the practice management seminar. As long as John was available I referred all the endo to him.

There was a lot of interest in endo once the department got rolling and we taught a week-long continuing education course once or twice a year. A brochure was sent out each time to every dentist in the state about the course. John always gave me equal billing, the result being that a lot of dentists thought I was an endodontist when I really knew only the theory. I finally decided I ought to do a few cases and for the most part they were disasters. There was no rhyme or reason to the size of the instruments and they were of poor quality. I broke off more instruments in canals than I can remember - surprisingly most of those teeth survived. The experience was useful. I remember listening to John lecturing about using a reamer and then a file and then a reamer, etc. He was well into his lecture one day when I said “John, that’s all bullshit”. I proceeded to tell the students of my experiences. He agreed that I was right about the inconsistency, although I am sure he was well aware of it, and it started him thinking that something should be done about it. What followed was the standardization of instruments.

I was responsible for getting Jack Bell on the part-time faculty and remember the arrival of Bernie Zeldow and the first graduate student Eugene Natkin. For years I was the Chairman of the Endo Program at the State Dental Society meeting. I remember that during one presentation we were going to fill an upper central, followed by an apicoectomy. It was in the Olympic Hotel, and John Vaughn, a part-timer, was in charge. I was assisting him and describing the procedure as we went along. We had no x-ray and no running water. I also remember taking puffs from a cigarette during the demonstration. Can you imagine doing anything like that today?

(Recorded in 1994)

Editor’s note: Dr. Starks taught on the part-time faculty for forty-six years. He retired as Clinical Associate Professor Emeritus.
Dr. Bernard Zeldow

After I graduated from the University of Pennsylvania Dental School where Louis Grossman provided my initial endodontic training, he invited me to practice with him, but I did not want to stay in Philadelphia. I interned at Zoller Dental in Chicago where John Ingle interviewed me for a position in the Department of Endodontics and Periodontics at the University of Washington where he was Chair. I came to Seattle in 1957. My starting salary was $7,500 per year. When I came to the school it was staffed by John Ingle and Alf Ogilvie and the following part-time staff: Pierre Dow, Joe Spinola, Chet Burrell, and others. John Ingle was able to get Saul Schluger to join the staff. Pierre Dow practiced in the Med-Dent Bldg. and Chet Burrell in the Cobb Bldg. My training in endodontics was one on one with John Ingle before a graduate program existed. In 1957 John and I were the only full-time faculty members teaching endodontics.

Besides endodontics, my major emphasis was microbiology because I have an advanced degree in that field. We developed a sophisticated oral microbiology lab from which I published numerous articles in dental as well as in many other scientific journals which were based on my research, much of which was supported by US Government Grants. In a small way these publications enhanced the national recognition of the department. John Ingle, Al Frank, Dudley Glick, and I gave numerous post-graduate courses. We made many presentations on the national scene and our endodontic department was highly regarded. In those days Ingle, Grossman, Bender, Seltzer, Frank, Glick, and Schilder were the giants in the endodontic world.

For many years I was mentor of an endodontic study club in Seattle and at the University of Oregon Dental School in Portland. I was also on the staff of the Veterans Administration Hospital in Seattle, giving lectures to the residents. For several years I gave lectures at various dental societies throughout Washington.

I instructed primarily in the undergraduate department but later also in the graduate department. I left full-time status as a Full Professor and now enjoy the title Clinical Professor Emeritus in Endodontics. (Recorded in 2010)

UW School of Dentistry offered a four day course in Practical Root Canal Therapy to general dentists in 1961.
Dr. Glen Miller

I went to dental school at the University of Washington from 1952 until 1957. Dr. Tom Simpson, who later was a grand-fathered endodontist, was my classmate. After my graduation I returned to Idaho to private practice.

Dr. Ingle was head of the endodontic department. He was also in charge of the department of periodontics together with Dr. B.O.A. Thomas, because the two departments were combined. We had lectures and one lab session once a week. We had detailed instructions in the anatomy of the pulp chambers of all teeth. We used K-type files and reamers to clean the canals. The smallest file was a size # 15. We also used Hedstrom files until Dr. Pierre Dow cautioned us that with those files we could be knee deep into dentin before we knew it. Dr. Dow was one of Dr. Ingle’s first students. He and Dr. Burrell were among the first dentists to limit their practice to endodontics in Seattle. Dr. Ingle practiced part time in the office of Dr. Milan Starks.

The third and fourth year students did root canal treatments on patients under the supervision of Drs. Ingle, Dow and Burrell. Dr. Dow eventually returned to Vancouver, Canada. We had to get a negative culture for each canal before it could be filled which meant that it often took several visits before a treatment could be finished.

Dr. Ingle was in great demand as a lecturer worldwide. One day I was treating a perio patient under his supervision when Dr. Stibbs walked in and noticed my cast from a skiing accident. He told me that I could not return to the clinic until the cast came off. This set me back enough so that I had to stay for a fifth year. Fortunately Dr. Ingle and others allowed me to do a lot of dentistry but I could not get official credit for it.

My father graduated from dental school at the University of Iowa in 1911. He attempted only a few root canal treatments because he did not get an X-ray machine until 1918 and by then this treatment had become unpopular. He took a course from Dr. Ingle during my second year at the school. After he returned home, he started to do root canal treatments again which made him feel like a kid in the candy store. (Recorded in 2010)

Dr. Wallace Brown

In 1963 I received my D.D.S. degree from the UW School of Dentistry where I developed a strong interest in Endodontics and a close relationship with Dr. John Ingle. After graduation, I was awarded a US Public Health Service internship appointment at Staten Island, NY. At the same time Henry Van Hassel was in San Francisco. We both applied for the Endodontic Residency at the University of Washington. Hank was awarded the Residency, and I was named the alternate. I applied again the following year and again was named the alternate to our friend, Cam Crump.

I had a great opportunity for a private general practice in Tacoma, which gave me the chance to do a lot of Endo. After Henry Van Hassel had completed his endo residency he was teaching and researching at the School of Dentistry as well as teaching on the staff at the USPHS hospital. He also traveled the state presenting seminars to general dentists. I attended one of his seminars in Bellevue and had a chance to visit with Henry who encouraged me to apply to the endo program.
Much to my surprise, a month later I received a phone call from Jerry Harrington who had been named as the Endo Residency Director. He informed me that I had been approved to enter the Graduate Endo Program the following September, 1971.

It was a great class. I became good friends with my classmates Dennis Kobata and Ed Kuzma. We blended well with the second year class of Jim Standifer, George Golden, Carl Botvinick, and Whitey Ervin. The entire program was a very stimulating and rewarding experience. The adjunct staff who taught us in the clinic was outstanding. I remember the Treatment Planning Seminars as the best learning experience of my life. It was very gratifying to realize that we were enrolled in the best Grad Endo Program in the world. Drs. Harrington, Natkin, Steiner, et al, were committed to excellence and were caring and concerned teachers.

After completing my Certificate in Endodontics, my family decided to move to Salt Lake City, Utah where I opened an office as the first trained Endodontist in Utah, Wyoming, Nevada, Idaho, and Montana. I became involved in the Boy Scouts of America, my church, and Rotary International. I served as President of the Salt Lake District Dental Society and had many committee assignments with the Utah Dental Association. For three years I was editor of UDA Action, the association newsletter. I was a founding member of the Utah Association of Endodontists and served twice as President. I was honored with the Utah Dental Association Distinguished Service Award in 1994. I served a term as a trustee on the Foundation Board of the AAE. (Recorded in 2011)

Some Snapshots Throughout the Years

Snapshot: Department Status in 1967

**Chair**—Dr. Eugene Natkin

**Graduate Program Director** - Dr. James Steiner

**Part-time faculty who taught in the graduate program**

Dr. Chester Burrell       Dr. Thomas Simpson
Dr. Ron Slowey           Dr. Bernard Zeldow

**Formally trained endodontists**

Dr. Eugene Natkin       Dr. James Steiner
Dr. Henry Van Hassel     Dr. Ronald Slowey

**Grandfather-clause endodontists** (All three became Diplomates of the ABE.)

Dr. Chester Burrell, Dr. Thomas Simpson, Dr. Bernard Zeldow

**Part-time faculty who taught in the undergraduate program**

Dr. Pierre Dow           Dr. Milan Starks
Pierre Dow practiced in the office of Chet Burrell in Seattle. He left for Vancouver in 1967. In 1969 all full-time and part-time faculty members became the original members of the Seattle Endodontic Seminar which became the Northwest Academy of Endodontics in 1970, which was the predecessor of the Washington State Association of Endodontists, the Oregon State Association of Endodontists, and the British Columbia Association of Endodontists.

**Part-time faculty who were trained endodontists as they came on the faculty**

<table>
<thead>
<tr>
<th>Year</th>
<th>New Faculty Member(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1967</td>
<td>Dr. Ron Slowey</td>
</tr>
<tr>
<td>1968</td>
<td>Dr. Cameron Crump</td>
</tr>
<tr>
<td>1969</td>
<td>Dr. James McGraw</td>
</tr>
<tr>
<td>1970</td>
<td>Dr. Henry Harbert</td>
</tr>
<tr>
<td>1972</td>
<td>Dr. Neil Bryant</td>
</tr>
<tr>
<td>1974</td>
<td>Dr. Dennis Kobata</td>
</tr>
<tr>
<td>1975</td>
<td>Dr. Lee Hoepfinger</td>
</tr>
<tr>
<td>1976</td>
<td>Dr. David Steiner</td>
</tr>
<tr>
<td>1975</td>
<td>Dr. Matthew Mandel</td>
</tr>
<tr>
<td>1976</td>
<td>Dr. Gerald McCann</td>
</tr>
</tbody>
</table>

**Snapshot: Annual Report 1970 -1971 by Eugene Natkin, Chair**

- **Professor and Chair**: Dr. Eugene Natkin
- **Assistant Professors**
  - Dr. Gerald Harrington
  - Dr. James Steiner
  - Dr. Henry Van Hassel
  - Dr. Cameron Crump
- **Clinical Associates**
  - Dr. John Bell
  - Dr. Chester Burrell
  - Dr. Thomas Simpson
  - Dr. Joseph Spinola
  - Dr. Milan Starks
  - Dr. Herbert Weisel
  - Dr. Bernard Zeldow
- **Clinical Assistants**
  - Dr. James McGraw
  - Dr. Ronald Slowey
  - Dr. Mike Thrall
Drs. Harrington, Natkin, and Steiner were responsible for undergraduate teaching. Dr. Van Hassel was responsible for almost all of the thesis and certificate research activity of the graduate students. Drs. Harrington, Natkin, Steiner, Van Hassel, Burrell, Simpson, and Slowey were responsible for the clinical teaching in the Graduate Program. Drs. Harrington, Natkin, and Steiner were responsible for undergraduate teaching.

**Snapshot: Active Part-time Faculty Department of Endodontics in 1998**

**Affiliate Professors**
- Dr. Paul Lovdahl
- Dr. Robert Oswald

**Affiliate Associate Professors**
- Dr. Charles Backman
- Dr. Rebecca Berger
- Dr. Jeanette Brandal
- Dr. John Bull
- Dr. Dean Burnett
- Dr. Kevin Choi
- Dr. Ali Etamad-Moghadam
- Dr. Mark Freeman
- Dr. Henry Harbert
- Dr. Norbert Hertl
- Dr. Edward Kim
- Dr. Charles Kimberly
- Dr. Dennis Kobata
- Dr. Ronald Kuritani

**Clinical Professor Emeritus**
- Dr. Thomas Simpson
Instrumentation with nickel-titanium rotary instruments has been taught in the pre-clinical laboratory course for three years. Rotary instrumentation is now the technique which is practiced in the Undergraduate Endodontic Clinic.

Drs. David Pitts and Tiina Oviir have done an outstanding teaching job in the pre-doctoral endodontic program as evidenced by the University of Washington’s recent number one national ranking on Part 2 of the National Boards. University of Washington students were in the top quintile in every part of the test, including first on the Endodontic section of the test. Additionally, UW graduates do exceptionally well on the endodontic sections of state board examinations, including the Western Regional Dental Board.

The Endodontic Graduate Program continues to be among the most competitive in the nation. Each year there are well over one hundred applicants for three positions. The last two years, the winners of the Alpha Omega Scholarship Award for the highest grade point average in the graduating class at the University of Washington, School of Dentistry have been selected to continue their education in the Post-Graduate Endodontic Program at the University of Washington. These top scholars are Dr. Tim Gatten (’04), and Dr. Scott Starley (’05). Another measure of the keen competition for a place in the Graduate Endodontic Program is that many applicants have Ph.D. degrees such as Dr. Shiwei Cai and Dr. Natasha Flake. Current graduate students Kenji Beppu, Theron Eichenberger, and Susie Roberts all had class standings of seventh or better in their respective dental school classes.

The microscopes of the Graduate Endodontic Clinic have been upgraded with new technological advances. They are equipped with beam splitters which allow for the attachment of digital cameras and video recorders. Flat screen monitors on retractable and moveable arms have also been added. Endodontic graduate students may now document both surgical and nonsurgical cases done with the microscope with both digital still images, as well as digital video. This will improve their ability to critique treatment, document cases for the American Board of Endodontics, and improve patient care. The monitors let the graduate student and faculty view cases through the microscope at the same time without interrupting treatment. The faculty member can view the area of interest on the monitor while the graduate is viewing the same area under the microscope.

Digital radiographic technology has been added to allow graduate students to be trained with this new and important technological advance.

At the 2004 Annual Session of the American Association of Endodontists Drs. Christopher R. Sabourin and Timothy L. Gatten won the 4th place award in the Graduate Student Table Clinic Presentations, and Drs. Rachelle S. Hecht and Theron D. Eichenberger won the 7th place award
in the Graduate Student Poster Research Presentations.

Professor Emeritus and former Chair of the Department of Endodontics, Dr. Eugene Natkin has continued to teach his outstanding and unique series of Endodontic Radiology Seminars to endodontic graduate students.

_Dental Alumni News_ of the University of Washington, Winter/Spring 2005
Snapshot: Faculty in 2010

Dr. James Johnson, Chair and Graduate Endodontic Program Director (see page 13).

Dr. David Pitts, Director of Educational Technology for Regional Initiatives in Dental education (RIDE) program (see page 10).

Dr. Nestor Cohenca joined the full-time faculty in Endodontics in 2005 as Clinical Assistant Professor. He received his dental degree from the University of Asuncion, Paraguay in 1990. In 1994 he graduated cum laude from the Endodontic Program at the Hebrew University in Jerusalem and became a Diplomate of the Israel Board of Endodontics in 1995. He joined the faculty of the Department of Endodontics at the Hebrew University until 2003. After that he served as Clinical Assistant Professor at the USC School of Dentistry. He received his certificate in endodontics from the University of Washington in 2008. In 2009 he became Associate Professor. In 2010 he became a Diplomate of the American Board of Endodontics.

He has received ten awards, most of them for excellence in teaching. He received eleven research grants. He is a member of thirteen dental organizations and is or has been an officer of ten. He has been an advisor to eleven students on their M.S.D. theses. He has been involved with forty-three publications.

He has been invited to give over one hundred presentations. He has lectured nationally and internationally. He is Associate Editor and board member of the Journal of Dental Traumatology. He is Past-President of the Israel Endodontic Society and former member of the Israel National Board of Examiners in Endodontics. He is fluent in English, Spanish, Portuguese, and Hebrew.
**Dr. Natasha Flake** joined the full-time faculty in endodontics in 2007 as Acting Assistant Professor. She received her B.S. from the University of Missouri in 1997. She graduated Magna Cum Laude with her D.D.S. from the Baltimore College of Dental Surgery at the University of Maryland and her Ph.D. in Biomedical Sciences from the University of Maryland in 2005. She received her M.S.D. in Endodontics from the University of Washington in 2007. In 2008 she became Assistant Professor and Director of Predoctoral Endodontics.

She has research experience at NIH and four different universities. She belongs to eight professional associations. She has been or is a member of ten dentistry related committees. She belongs to several honor societies and has received multiple awards including the 2010 Junior Faculty Award given by the American Dental Education Association. She has been involved with eight publications, and she has received four grants or fellowships.

**Dr. Avina Paranjpe** joined the full-time faculty in Endodontics in 2009 as Assistant Professor. She received her dental degree in Mumbai, India in 2000, her M.S. in Oral Biology at UCLA in 2004, her Ph.D. in Oral Biology, Immunology at UCLA in 2007, and her M.S.D. in Endodontics from the University of Washington in 2009. She spent multiple periods as a Teaching Assistant in Mumbai, UCLA, and the University of Washington. She has given multiple national and international presentations, has received two seed grants and has a patent pending. She has been involved with thirteen publications plus two that are under review.
Full-time Professors in Endodontics

Dr. Nestor Cohenca
Diplomate of the American Board of Endodontists

1986-1990  D.D.S., National University of Asuncion, Paraguay
1991-1994  Endodontic program, cum laude, Jerusalem, Israel
1995       Diplomate, Israel Board of Endodontics
1996       Clinical Instructor in Endodontics, Jerusalem
2000       Clinical Lecturer in Endodontics, Jerusalem
2003-2005  Assistant Professor of Clinical Dentistry, USC, Los Angeles
2005-2008  Clinical Assistant Professor, Endodontics, UW
2006-2008  Certificate of Endodontics, UW
2008       Assistant Professor, Endodontics, UW
            Director of Undergraduate Clinical Endodontics, UW
2009       Associate Professor, Endodontics, UW

Dr. Natasha Flake

1997       B.S., University of Missouri
2005       D.D.S., University of Maryland
            Ph.D., Biomedical Sciences, University of Maryland
2007       M.S.D. and Certificate in Endodontics, UW
            Acting Assistant Professor, Endodontics, UW
2008       Assistant Professor, Endodontics, UW
            Director of Predoctoral Endodontics, UW
2010       Junior Faculty Award, American Dental Education Association
Department of Endodontics at the University of Washington

Dr. Gerald Glickman

Diplomate of the American Board of Endodontics

1975  M.S., Microbiology, University of Kentucky
1978  D.D.S., Ohio State University
1984  M.S., Endodontics, Northwestern University
1988  M.B.A., Southern Methodist University
1994  J.D., Texas Wesleyan University

Faculty, University of Michigan

Faculty, Baylor College

Chair, Department of Stomatology, University of Texas
Director, Program of Endodontics, University of Texas

2001  Chair, Department of Endodontics and Director, Graduate Endodontics, UW
2002  Chair, Department of Endodontics and Director, Graduate Endodontics, Baylor College, Dallas
2002  President, American Board of Endodontics
2009  President, American Association of Endodontists

Dr. Gerald Harrington

1953-1955  Carroll College, Helena, Montana
1955-1959  D.D.S., St. Louis University
1959-1962  U.S. Air Force
1962-1967  Private Practice in General Dentistry
1967-1969  M.S.D., Endodontics, UW
1969-2001  Faculty in Endodontics, UW
1972-2001  Director, Graduate Endodontic Program, UW
1975-1979  Board of Directors, AAE
1976  Full Professor, Endodontics, UW

Dr. Gerald Harrington 2001
Dr. John Ingle

Diplomate of the American Board of Endodontics and the American Board of Periodontology

1919  Born in Colville, WA. His father was a dentist.
1942  D.D.S., Northwestern University
1942-1946  Military Service - some perio training from army periodontist
1947-1948  M.S.D., Periodontics, University of Michigan, special program in Perio/Endo
1948  UW Assistant Professor in Perio/Endo, taught endodontics, periodontics, histology, and pathology
1956  Founding member of American Board of Endodontics
1958  Received Federal Teacher Training Grant in Endo and Perio, UW
1959  Full professor, UW, founded Graduate Endodontic Program
1959  Appointed Executive Officer, Department of Perio and Endo
1962  Dr. Eugene Natkin, first student to finish Graduate Endodontic Program
1964  Dean, School of Dentistry, USC
1965  First edition of textbook *Endodontics* published
Dr. James Johnson

Diplomate of the American Board of Endodontics

1969 D.D.S., Northwestern University
1969-1972 USAF, Dental Corps, including one year in Viet Nam
1971-1983 Private Practice in Colorado
1985 M.S., Northwestern University, 84-85 Dental Fellow
1985-2003 U.S. Navy Dental Corps, last rank Captain
Medals: National Defense, Vietnam Service, Air Force and Navy Commendation, Global War on Terrorism, and Meritorious Service
1994-2003 Full-time faculty, Naval Dental School, Bethesda, MD
1998 Professor, Naval Dental School
1997-2001 Chair and Advanced Program Director, Endodontics, Naval Dental School
Special Leader for Endodontics to The Surgeon General of the Navy
2001-2003 Chair, Research Department, Naval Dental School
2003 Chair, Endodontics and Director Graduate Endodontic Program, UW
2009 Director, American Board of Endodontics
Dr. Eugene Natkin

1953 A.B., Columbia University
1957 D.D.S., New York University
1957-1958 Internship, Mary Immaculate Hospital, New York
1958-1960 U.S. Army Dental Corps
1960-1962 M.S.D., Endodontics, UW
1962-1995 Full-time faculty, Endodontics, UW
1967 - 1980 Chair, Endodontics, UW
1969 Sabbatical in London, one year, microbiology
1970 Full Professor, UW
1977 Sabbatical in Toronto, one year, radiology
1985 Sabbatical in Gothenburg, one year, radiology
1992 Sabbatical at UW, one quarter, oral pathology
1982-1983 Acting Chair, Endodontics, UW
1995 Retired as Professor from the Department of Endodontics, UW
1995 Professor Emeritus, UW
2001 Bruce Rothwell Distinguished Teacher Award, Department of Restorative Dentistry, UW

Dr. Eugene Natkin 2009
Dr. Robert Oswald

1962-63 University of Montana
1963-65 Virginia Polytechnic Institute
1965-69 D.D.S., Medical College of Virginia
1969-72 U.S. Army Dental Corps
1972-74 Certificate, Endodontics, Columbia University
1974-92 Full-time faculty, Endodontics, UW
1981-1989 Chair, Endodontics, UW
1982-83 Sabbatical in Sydney, Australia
1989-1990 Sabbatical at UW with Dr. Margaret Byers
1992-2007 Part-time faculty, Endodontics, UW
2008 Clinical Professor Emeritus, Endodontics, UW

Dr. Tiina Oviir

1981-1986 D.D.S., University of Tartu, Estonia
1986-1989 Internship in General Dentistry, Estonia
1990-1997 Private Practice, Estonia
1997-1999 Certificate in Endodontics, Columbia University
1999-2005 Clinical Assistant Professor, Endodontics, UW
2005-2007 Clinical Associate Professor, Endodontics, UW
2000-2005 Staff member at University of Washington Medical Center and Seattle Cancer Care Alliance
2005-2006 Practicing Endodontist with Bellevue Endodontic Associates
2007 Practicing Endodontist at Alderwood Endodontics
Part-time Clinical Associate Professor, Endodontics, UW
2011 Practicing endodontist in Everett, WA
Dr. Avina Paranjpe

Diplomate of the American Board of Endodontics

2000  B.D.S., Bachelor of Dental Surgery, University of Mumbai, India
2004  M.S., Oral Biology, UCLA
2007  Ph.D., Oral Biology, Immunology, UCLA
1999-2008 Multiple periods of teaching assistantships, Mumbai, UCLA, and UW
2009  M.S.D., Endodontics, UW

Full-time Assistant Professor, Endodontics, UW

Dr. David Pitts

1963-1966  A.B., Indiana University
1966-1972  D.D.S., Indiana University
1972-1975  Captain, U.S. Army Dental Corps, including Army Dental Internship (72-73)
1975-1977  M.S.D., Endodontics, UW
1977  Assistant Professor, UW
1984  Associate Professor, UW
1977-2007  Full-time faculty, Endodontics, UW
1987  Sabbatical in London and Bergen
1989-1991  Acting Chair, Endodontics, UW
1991-1992  Chair, Department of Endodontics, UW
1995  Sabbatical, Endodontics, UW
2003  Bruce Rothwell Distinguished Teacher Award, Restorative Department, UW

Dr. Avina Paranjpe 2010

Dr. David Pitts
2006  Distinguished Faculty Award, Washington State Dental Association
2007-2009  Faculty, University of Washington, 50% Endodontics, 50% Educational Technology Director, Regional Initiative in Dental Education Program
2009  Retired as Associate Professor and Director, Predoctoral Endodontic Program
        Associate Professor Emeritus, Endodontics, UW
2010  Dr. Pitts and Dr. Oswald Professorship Endowment established

Dr. James Steiner

1952  B.A., The College of Wooster, Ohio
1952-56  D.D.S., Western Reserve University, Ohio
1956-58  USAF, MacDill AFB, Tampa, FL
1958-63  Practiced general dentistry, Wooster, Ohio
1964-66  Certificate in Endodontics and M.S.D. in Oral Biology, UW
1967-71  Director, Graduate Endodontics, UW
1969-70  Acting Chair, Endodontics, Dr. Natkin in London
1971-73  Chair, Department of Endodontics, Louisiana State University
1973-79  Private practice in endodontics, Metairie, LA
1979-85  Private practice in endodontics, Covington, LA
1986-92  Chair, Section of Endodontics, University of California, Los Angeles
1992-99  Clinical Professor, Department of Endodontics, UW
1999-01  Associate Dean, Dental School, UW
1998-01  Endowed Chair in Dentistry sponsored by Washington Dental Service
2001-02  Acting Dean, Dental School, UW
2003  Acting Chair, Endodontics, UW
        Fellow American College of Dentists
        Dean's Club Lifetime Member Award
2003-06  Associate Dean for Student Services, Dental School, UW
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2008</td>
<td>Retired as Clinical Professor in Endodontics, UW</td>
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<tr>
<td>2008</td>
<td>Clinical Professor Emeritus in Endodontics, UW</td>
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<tr>
<td>2009</td>
<td>Distinguished Alumnus Award, UW</td>
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<tr>
<td>2010</td>
<td>Died in Edmonds, WA</td>
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**Dr. Henry Van Hassel**

Diplomate of the American Board of Endodontics

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1963</td>
<td>D.D.S., University of Maryland</td>
</tr>
<tr>
<td>1967</td>
<td>M.S.D., UW</td>
</tr>
<tr>
<td>1969</td>
<td>Ph.D., Physiology, UW</td>
</tr>
<tr>
<td>1967-1981</td>
<td>Full-time faculty member as Instructor, Assistant and Associate Professor, assigned to Department of Endodontics by the US Public Health Service</td>
</tr>
<tr>
<td>1973</td>
<td>Meritorious Service Medal, US Public Health Service</td>
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<tr>
<td>1981-1982</td>
<td>President, American Association of Endodontists</td>
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<tr>
<td>1981-1984</td>
<td>Professor and Director, Graduate Endodontic Program, University of Maryland</td>
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<tr>
<td>1982-1984</td>
<td>Chair, Endodontics, University of Maryland</td>
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<tr>
<td>1984</td>
<td>Louis Grossman Award, AAE</td>
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<td>1984-1998</td>
<td>Dean, School of Dentistry, Oregon Health Sciences University</td>
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<tr>
<td>1989</td>
<td>Albert L. Borish Award, Academy of General Dentistry</td>
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<td>1990-1991</td>
<td>President, Oregon Dental Association</td>
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<td>1993</td>
<td>Edgar Coolidge Award, AAE</td>
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<tr>
<td>1998</td>
<td>Retired</td>
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<tr>
<td>2001</td>
<td>Distinguished Alumnus Award, Dental Alumni Association, UW</td>
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<tr>
<td>2005</td>
<td>Ralph Sommer Award, AAE</td>
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Endodontic Alumni and Alumnae, University of Washington

1962  Dr. Eugene Natkin*
1963  Dr. David Yankovitz *+
1964  Dr. Raymond Luebke *+
       Dr. Edward Beveridge *+
1965  Dr. William Clem *+
       Dr. Marshall Goldberg *
1966  Dr. Gerald Cathey * +
       Dr. James Steiner * +
1967  Dr. Henry Van Hassel * D
       Dr. Ronald Slowey * D
       Dr. Ernest Horky
1968  Dr. Cameron Crump D
       Dr. Gerald Stubblefield
       Dr. Richard Corbin *
1969  Dr. Lawrance Carnes
       Dr. Gerald Harrington *
       Dr. James McGraw
1970  Dr. James Bogden
       Dr. Henry Harbert
       Dr. William Scharwatt
1971  Dr. Stanley Andrews *
       Dr. Paul Brown
       Dr. Neil Bryant *
1972  Dr. Carl Botvinick
       Dr. George Golden
       Dr. Melvin Ervin *+
       Dr. James Standifer *
1973  Dr. Wallace Brown
1974  Dr. John Gell *
1975  Dr. Thomas Davidson
1976  Dr. Albert Amato
       Dr. Paul Lovdahl *
       Dr. Gerald McCann *
1977  Dr. Carl Hawrish +
       Dr. David Pitts *
1978  Dr. Gordon Block *
1979  Dr. John Diggens *
       Dr. Kenneth Doty *
       Dr. Enborg Halle *
       Dr. Norbert Hertl * D
1980  Dr. Edmund Kwan * 
       Dr. Linda Linari * +
       Dr. John Ludington, Jr. * D
       Dr. David McDonald
1981  Dr. Rebecca Berger *
       Dr. Kevin O’Neill * D
       Dr. Victor Palmieri D
       Dr. Sidney Patten D
1982  Dr. George Cathey D
       Dr. Kevin Keane *
       Dr. Harvey Matheny *
       Dr. Clinton Weaver
1983  Dr. Stephen Fante
       Dr. James Geiss
       Dr. James Jones
1984  Dr. John Holcomb * D
       Dr. Denny Southard * D
1985  Dr. Charles Backman * D
       Dr. Jeannette Brandal * D
1986  Dr. Robert French *
       Dr. Loong Lin *
       Dr. Douglas McKendry D
1987  Dr. Charles Kimberly * +
       Dr. Bertrand Khayat *
1988  Dr. Patrick Taylor * D
       Dr. Richard Volweiler *
1989  Dr. Bradley Seto * D
       Dr. Neil Gray
1990  Dr. Raymond Bogaert
       Dr. Gary Massa *
       Dr. Rhoda Ross *
       Dr. Boyd Munson
1991  Dr. John Kussmaul
       Dr. Maureen Swift *
       Dr. Diane Brighton *
       Dr. Michelle Ellingsen *
1992  Dr. Diane Brighton*
       Dr. Mark Freeman *
       Dr. John Kurahara
       Dr. Franklin Pineda
1993  Dr. John Bull +
1994  Dr. Jeffrey Coil * D
       Dr. Ronald Kuritani
1995  Dr. Alan Harlan *
1996  Dr. Michael Hartnett *
       Dr. Matthew Rowan *
1997  Dr. Stephen Ottosen *
       Dr. David Shadid *
       Dr. Richard Angel IIII *
       Dr. Michael Grabow
1998  Dr. Dorene Neri
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<tr>
<th>Year</th>
<th>Faculty Members</th>
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<tbody>
<tr>
<td>1998</td>
<td>Dr. Daniel Garabadian, Dr. Scott Pace, Dr. Tom Rude</td>
</tr>
<tr>
<td>1999</td>
<td>Dr. Kelly Conlon, Dr. James Hamberlin *, Dr. Jeffrey Pene *</td>
</tr>
<tr>
<td>2000</td>
<td>Dr. Daniel Burr *, Dr. Brad Ching *, Dr. Eric Dixon *, Dr. Kristine Yoon</td>
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<td>2001</td>
<td>Dr. Kavreet Ritu Bath, Dr. Troy Hull *, Dr. Oscar Pena *</td>
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<td>2002</td>
<td>Dr. Dzuy Nguyen *, Dr. Sheri Opp *, Dr. Eric Vetter *</td>
</tr>
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<td>2003</td>
<td>Dr. Tony Bassili, Dr. Walter Long, Dr. Ryan Wynne *</td>
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<td>2004</td>
<td>Dr. Christopher Ettrich *, Dr. Rachelle Hecht *, Dr. Christopher Sabourin *</td>
</tr>
<tr>
<td>2005</td>
<td>Dr. Kenji Beppu *, Dr. Theron Eichenberger *, Dr. Timothy Gatten *</td>
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<td>2006</td>
<td>Dr. Shiwei Cai, Dr. Susan Roberts *, Dr. Scott Starley *</td>
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<td>2007</td>
<td>Dr. Natasha Flake *, Dr. Jeffrey Kochevar *, Dr. Eric Law *</td>
</tr>
<tr>
<td>2008</td>
<td>Dr. Fleur Blethen *, Dr. Jeffrey Hockett *</td>
</tr>
<tr>
<td>2009</td>
<td>Dr. Matthew Brunson *</td>
</tr>
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<td>2010</td>
<td>Dr. Amanda Ngan *, Dr. Avina Paranjpe *, Dr. Matthew Tomala *</td>
</tr>
<tr>
<td>2011</td>
<td>Dr. Dustin Gatten *, Dr. Michael Marcello *, Dr. David Mortenson *</td>
</tr>
<tr>
<td>2012</td>
<td>Dr. Fergus Duddy *, Dr. Steven Kwan *, Dr. Randy Ball</td>
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</table>

* indicates a faculty member
Department of Endodontics at the University of Washington

2013  Dr. Joao Barbizam
       Dr. Jeffrey Bennett
       Dr. Alexander Hanley
       Dr. Harrison Nguyen

2014  Dr. Jason Latham
       Dr. Jesus Machado
       Dr. Tina Olsson
       Dr. Jake Weisman

(170 graduates)

* MSD degree
D Diplomate
+ Deceased

(from left) Dennis Yavorsky, Lee Hoepfinger, Marcia Gell, Bev Hoepfinger, John Gell, David Steiner 1974

(from left) Drs. Brandon Seto, David Mortenson, Michael Marcello, David Pitts, Steven Kwan, Brandon Yamamura, Fergus Duddy 2009