

NATHAN S. BIRNBAUM, DDS, CAGS (PROSTH)

PROSTHODONTIST

AREAS OF EXPERTISE

Prosthetic Dentistry

TMJ Dysfunction

Cosmetic Dentistry

Full Mouth Rehabilitation

Restorative Dentistry

Implant Restorations

3D Dental Technology

PROFESSIONAL HIGHLIGHTS

Fellow, American College of Dentists & International College of Dentists

Member, Omicron Kappa Upsilon (OKU)

Founder, Dental Assistance for Survivors of the Holocaust (DASH)

Associate Clinical Professor, Tufts Dental

Clinical Instructor, Harvard Dental

Assistant Clinical Professor, BU Dental

Lecturer, Course Organizer and Table Presenter

Editorial Team, Aesthetic Dentistry Research Group (Publishers of REALITY)

Consultant, Gerson Lehrman Group

Published Author in Multiple Magazines and Textbooks

CONTACT

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SOCIAL



facebook.com/NGDentalCenter



linkedin.com/in/nathanbirnbaum/

EDUCATION

Certificate of Advanced Graduate Study (C.A.G.S.), Prosthodontics

Boston University School of Graduate Dentistry 1972 - 1974
Boston, MA

D.D.S., General Dentistry

Northwestern University Dental School 1968 - 1972
Chicago, IL

A.B., Social Relations

Harvard University 1964 - 1968
Cambridge, MA

WORK EXPERIENCE

New Generation Dental Center 1994 - present
Wellesley, Massachusetts
PROSTHODONTIST

Restorative & Aesthetic Dentistry (Private Practice) 1973 - 1994
Newton, Massachusetts
PROSTHODONTIST

Tufts University School of Dental Medicine 2005 - 2014
Boston, Massachusetts
ASSOCIATE CLINICAL PROFESSOR, PROSTHODONTICS AND OPERATIVE DENTISTRY

Harvard University School of Dental Medicine 1982 - 2005
Boston, Massachusetts
CLINICAL INSTRUCTOR, PROSTHETIC DENTISTRY

Boston University School of Graduate Dentistry 1976 - 1993
Boston, Massachusetts
ASSISTANT CLINICAL PROFESSOR, FIXED PROSTHODONTICS

Boston University School of Graduate Dentistry 1974 - 1976
Boston, Massachusetts
CLINICAL INSTRUCTOR, FIXED PROSTHODONTICS

Harvard University School of Dental Medicine 1992 - 1995
Boston, Massachusetts
COORDINATOR, CONTINUING EDUCATION IN PROSTHODONTICS

Boston University School of Graduate Dentistry 1982 - 1993
Boston, Massachusetts
FACULTY, CONTINUING EDUCATION

COURSES, LECTURES, AND PUBLISHED ARTICLES

Full Day Courses

- Bonded Restorations for Posterior Teeth – A Comparison of Available Systems: A Participation Course in Direct Tempered Composite Restorations** 5/93
Department of Continuing Education, Boston University Goldman School of Graduate Dentistry
Boston, MA
- Crown Preparation, Bridge Temporization, and Impression Technique: Periodontal, Prosthetic, and T.M.J. Considerations** 6/86,9/87,10/88,9/89,11/90
Department of Continuing Education, Boston University Goldman School of Graduate Dentistry
Boston, MA
- Crown Preparation, Bridge Temporization, and Impression Technique: Periodontal, Prosthetic, and T.M.J. Considerations** 9/90
Francis B. Vedder Society of Crown & Bridge Prosthodontics, Shanty Creek Resort
Bellaire, MI
- Bonded Restorations for Posterior Teeth: A Hands-on Experience** 7/89
Maine Academy of General Dentistry, Westbrook College
Westbrook, ME
- Crown Preparation, Bridge Temporization, and Impression Technique: Periodontal and Prosthetic Considerations** 6/82,6/83,11/84,6/85
Department of Continuing Education, Boston University Goldman School of Graduate Dentistry
Boston, MA
- Crown Preparation, Bridge Temporization, and Impression Technique: Periodontal and Prosthetic Considerations** 3/84
Private Continuing Education Course, Holiday Inn
Summit, NJ
- ## Half Day Courses
- Digital Impression-Taking: A Hands-On Experience** 4/14
Boston Alumni Chapter, Alpha Omega International Dental Fraternity
Next Generation Dental Center, Wellesley, MA
- Dental Impressions Using 3D Digital Scanners: Virtual Becomes Reality** (4 presentations) 1/09
Yankee Dental Congress
Boston, MA
- Bonded Restorations for Posterior Teeth: A Comparison of the State-of-the-Art Systems** 1/98
Coltene-Whaledent Company, Sanibel Harbor Resort and Spa
Fort Myers, FL
- Bonded Restorations for Posterior Teeth: A Comparison of the State-of-the-Art Systems** 11/97
Middlesex District Dental Society
Lexington Sheraton Inn, Lexington, MA
- Bonded Restorations for Posterior Teeth: A Comparison of the State-of-the-Art Systems** 9/96
Young Dentists Study Club
Wellesley, MA
- Bonded Restorations for Posterior Teeth: A Comparison of the State-of-the-Art Systems** 9/96
Advanced Dental Technologies
Stoneham, MA
- Bonded Restorations for Posterior Teeth: A Comparison of the State-of-the-Art Systems** 5/95
The New Hampshire Dental Study Group
West Lebanon, NH

COURSES, LECTURES, AND PUBLISHED ARTICLES, cont.

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| Direct Tempered Composite Restorations: A Hands-On Experience (2 sessions) Yankee Dental Congress, Goldman School of Graduate Dentistry Boston University, Boston, MA | 1/94 |
| Tempered Composite Inlays, Onlays, Laminates and Bridgework Veneers Yankee Dental Congress, Marriott Hotel Copley Place Boston, MA | 1/94 |
| Bonded Restorations for Posterior Teeth Canadian Dental Association, Annual Meeting Calgary Stampede and Roundup Centre, Calgary, Alberta, Canada | 8/92 |
| Bonded Restorations for Posterior Teeth: A Hands-On Experience Goldman School of Graduate Dentistry Boston University, Boston, MA | 3/92 |
| Bonded Restorations for Posterior Teeth Sullivan Dental Supply Company Radisson Hotel, Grand Rapids, MI | 3/92 |
| Bonded Restorations for Posterior Teeth Patterson Dental Company Marriott World Center, Orlando, FL | 6/91 |
| Bonded Restorations for Posterior Teeth Coltene-Whaledent Company The American Club, Milwaukee, WI | 4/91 |
| When You Can and When You Cantilever Francis B. Vedder Society of Crown & Bridge Prosthodontics Shanty Creek Resort, Bellaire, MI | 9/90 |
| Bonded Restorations for Posterior Teeth Francis B. Vedder Society of Crown & Bridge Prosthodontics Shanty Creek Resort, Bellaire, MI | 9/90 |
| Bonded Restorations for Posterior Teeth International Prosthodontics Course Harvard University School of Dental Medicine Boston, MA | 8/90 |
| Bonded Restorations for Posterior Teeth U.S. Veterans' Administration Department of Dentistry West Roxbury, MA | 5/89 |
| The Art of Copper Band Impressions Metropolitan District Dental Society Marriott Newton Hotel, Newton, MA | 12/84,4/86 |
| Lectures | |
| How the Pros Do It – A Symposium on Performance Enhancing Mouthwear (developer and lecturer) Yankee Dental Congress Boston, MA | 1/10 |
| Bonded Restorations for Posterior Teeth Harvard University School of Dental Medicine Boston, MA | 5/88,5/89,4/90,4/91,5/92,4/93,4/94,4/95,3/96, 2/97(2 lectures),2/98(2 lectures),2/99(2 lectures), 1-2/00(2 lectures), 2/01(2 lectures) |

COURSES, LECTURES, AND PUBLISHED ARTICLES, cont.

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| The Block Temporization Technique Harvard University School of Dental Medicine Boston, MA | 4/86,1/87,2/88,4/89,2/90,5/91,1/92,1/93,1/94, 1/95,1/96,12/96,12/97,12/98,12/99,5/00,2/01 |
| The Art of Copper Band Impressions Harvard University School of Dental Medicine Boston, MA | 6/84,4/85,4/86,4/87,4/88,4/89,4/90, 4/91,3/92,4/93,3/94,3/95,2/96 |
| Bonded Restorations for Posterior Teeth Emerson Study Club Acton, MA | 11/93 |
| Posterior Bonded Restorations Tufts University School of Dentistry (Alpha Omega) Boston, MA | 3/90, 2/92 |
| Post and Core Restorations Harvard University School of Dental Medicine Boston, MA | 5/90 |
| Bonded Restorations for Posterior Teeth Manchester Dental Society Manchester, NH | 9/89 |
| Bonded Restorations for Posterior Teeth Alpha Omega, Boston Alumni Chapter Bethel, ME | 3/89 |
| Bonded Restorations for Posterior Teeth West Metropolitan Dental Society Framingham, ME | 2/89 |
| Posterior Bonded Restorations Yankee Denetal Congress Boston, MA | 1/88 |
| On Making a Good Impression Yankee Dental Congress, Goldman School of Graduate Dentistry Boston University, Boston, MA | 4/85 |
| The Art of Copper Band Impressions Tufts University School of Dentistry (Alpha Omega) Boston, MA | 3/85 |
| The Art of Copper Band Impressions Yankee Dental Congress Boston, MA | 1/83 |
| Crown Margins - Periodontal and Prosthetic Considerations Yankee Dental Congress Boston, MA | 1/79 |
| Crown Margins - Periodontal and Prosthetic Considerations Tufts University School of Dentistry (Alpha Omega) Boston, MA | 9/78 |
| The Many Facets of Temporization Alpha Omega, Boston Alumni Chapter Newton, MA | 4/76 |

TABLE CLINICS

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|----------------------------------------------------------------------------------------------------------------------------------|--------------|
| Tempered Composite Resin Onlays, Laminates Chicago Dental Society, Midwinter Meeting Chicago, IL | 2/93 |
| Bonded Restorations for Posterior Teeth American Dental Association, Annual Meeting Boston, MA | 10/90 |
| Posterior Bonded Restorations Alpha Omega Symposium Boston, MA | 4/90 |
| Posterior Bonded Restorations New England Dental Society Boston, MA | 11/87, 10/89 |
| The Art of Copper Band Impressions Alpha Omega International Dental Society, International Convention Cleveland, OH | 12/84 |
| The Art of Copper Band Impressions New England Dental Society Boston, MA | 10/81, 10/84 |
| The Art of Copper Band Impressions Greater New York Dental Meeting New York, NY | 12/81 |
| Crown Margins - Periodontal and Prosthetic Considerations Thomas P. Hinman Dental Meeting Atlanta, GA | 3/78 |
| Crown Margins - Periodontal and Prosthetic Considerations Alpha Omega Symposium Chestnut Hill, MA | 5/77 |

PUBLICATIONS

PUBLISHED TEXTBOOK CHAPTER

Esthetics in Dentistry by *Ronald Goldstein* October 2018
Co-authored Chapter 46: Digital Impression Devices and CAD/CAM Systems

PUBLISHED ARTICLES

“2011 Technology Update: Implications for Dentists, Patients & The Profession - Digital Impressioning”, *InsideDentistry*, Vol.7, No.7, pp. 86,88, July/August 2011.

“Digital Dental Impression Systems” (co-author: Heidi B. Aaronson), *Inside Dentistry*, Vol. 7, No. 2, pp. 84-90, February 2011.

“The Revolution in Digital Impressioning”, *Inside Dentistry*, Vol. 6, No. 7, p. 114, July/August 2010.

“3D Digital Scanners: A High-Tech Approach to More Accurate Dental Impressions” (co-authors: Heidi B. Aaronson, Chris Stephens, Bob Cohen), *Inside Dentistry*, Vol. 5, No. 4, April 2009.

PUBLICATIONS, cont.

“Dental Impressions Using 3D Digital Scanners: Virtual Becomes Reality”, *Compendium of Continuing Dental Education*, Vol. 29, No. 8, pp. 494, 496, 498-505, October, 2008. PMID: 18935788 [PubMed – indexed for MEDLINE]

“Heat-Tempered Composite Resin Laminate Veneers”, *Current Opinion in Cosmetic Dentistry*, pp. 52-57, 1994. PMID: 8032441 [PubMed – indexed for MEDLINE]

“Direct Oven-Tempered Hybrid Composite-Resin Laminate Veneers”, *Practical Periodontics and Aesthetic Dentistry*, Vol. 4, No. 5, pp. 23-31, June-July, 1992. PMID: 1391925 [PubMed – indexed for MEDLINE]

“Light- and Heat-Treated Composite Resin Veneered Implant Prostheses: Rationale and Technique”, *The Implant Society*, Vol. 3, No. 1, pp. 9-13, 16, March-April, 1992. PMID: 1525221 [PubMed – indexed for MEDLINE]

“Billing Insurers for Heat-Processed Inlays and Onlays”, *Dental Economics*, Vol. 82, No. 2, pp. 62-66, February, 1992. PMID: 1499792 [PubMed – indexed for MEDLINE]

“The Next Generation of Implant Prosthetic Materials”, *The Implant Society*, Vol. 1, No. 1, pp. 4-5,14,16, March-April, 1990. PMID: 2073516 [PubMed – indexed for MEDLINE]

“Oven-Tempered Posterior Composite Resin Inlays and Onlays”, *The Aorta, Boston Alumni Chapter of Alpha Omega International Dental Fraternity*, November-December, 1988.

“Review of Acid Etch Composite Restorative Technique”, *The Bulletin of the Greater Boston Dental Society*, Vol. XV, No. 3, 1975.

HONORS AND AWARDS

American College of Dentists, Fellow

International College of Dentists, Fellow

Omicron Kappa Upsilon (Honorary Dental Society) (Gamma Gamma Chapter, Harvard University School of Dental Medicine)

Who's Who in America

Who's Who in Massachusetts

International Who's Who of Professionals

2015 Circle of Excellence Award, Health Professions, Combined Jewish Philanthropies

2013 Trudi Birger Service Award, Alpha Omega International Dental Fraternity

Alpha Omega International Dental Fraternity Award for Clinical Excellence (Alpha Kappa Chapter, Northwestern University Dental School)

City of Peace Award, State of Israel Bonds of Greater Boston

Jerusalem Dental Center for Children, Honoree

Leadership Medal, National Federation of Jewish Men's Clubs, New England Region

MEMBERSHIPS

American College of Prosthodontists

Associate Fellow 1981-
Member, New England Section 1984-

American Academy of Fixed Prosthodontics

Fellow 1992-

International College of Prosthodontists

Member 1995-

Academy of Osseointegration

Member 1995-2001

Northeastern Prosthodontic Society

Member 1992-1999

American Academy of Pain Management

Diplomate 1992-2021

American Academy of Cosmetic Dentistry

Associate Member 1989-2021

Esthetic Dentistry Research Group

Member, Editorial Team, Reality 1992-2023

Journal of Contemporary Dental Practice

Member, Editorial Board 2005-2011

Current Opinion in Cosmetic Dentistry

Member, Editorial Board 1995

Academy of Stress and Chronic Disease

Associate Fellow 1983-87

Alpha Omega Foundation

Treasurer 1982-1984

Executive Board, Member-at Large 1980-1984

Investments Committee 1982-1984

Research and Clinicians Committee, Co-Chairman 1981-1984

Grants Committee 1981-1984

Regional Liaison 2004-

Alpha Omega International Dental Fraternity

International Marshal 1985

Regent, Regency #1 1978-1980, 1990-1991

International Committees:

Advanced Institute Committee 1992

In-Office Residency Committee 1992-1993

Speakers' Bureau Committee 1992-1993

Soviet Jewry Committee 1985-1992

Chairman 1986-1987, 1989-1991

Founder, Dental Aid for Russian Emigres 1989

Co-Founder, Dental Evaluations for Soviet Kids 1989

Boston Coordinator, "Toothbrush Buddies" Program 1992-1993

Retraining and Absorption of Russian Dentists Committee 1991

Public Relations Committee 1990

Externships Committee 1983-1990

Associations and Residencies Committee 1976, 1981-1985, 1988

Chairman 1988

MEMBERSHIPS, cont.

Alpha Omega International Dental Fraternity

| | |
|----------------------------------------------------------|----------------|
| Convention Site Committee | 1985-1987 |
| Research Committee | 1982-1985 |
| Overseas Manpower Committee | 1981,1983 |
| Dental Policy Committee | 1977-1978,1983 |
| Civil Rights Committee | 1978-1981 |
| Budget and Fiscal Affairs Committee | 1977-78 |
| Chairman | 1978 |
| Nominating Committee | 1977 |
| Membership Retention Committee | 1975 |
| Big Brother Committee | 1975 |
| Century Club | 1978-1998 |
| Founder, Beta Epsilon Chapter (Boston University) | 1976 |
| President, Boston Alumni Chapter | 1976-1977 |
| Chairman, Board of Trustees, Boston Alumni Chapter | 1986-2020 |
| Executive Board, Boston Alumni Chapter | 1973- |
| President, Alpha Kappa Chapter (Northwestern University) | 1971-72 |

Good Housekeeping Institute

| | |
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| Dental Consultant | 1990-1992 |
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Gerson Lehrman Group's Council of Healthcare Advisors

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|----------------|-------|
| Council Member | 2004- |
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Hebrew University-Hadassah School of Dental Medicine

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| Patron Founder | 1989 |
| Founder | 1978 |

Tel Aviv University School of Dental Medicine

| | |
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| Founder | 1982 |
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Jerusalem Dental Center for Children

| | |
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| Executive Board | 1985-2010 |
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Henry M. Goldman School of Graduate Dentistry

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|---------------------------|------|
| Boston University, Fellow | 1978 |
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American Dental Association

| | |
|-------------|-------|
| Member | 1973- |
| Life Member | 2013- |

Massachusetts Dental Society

| | |
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| Member | 1973- |
| Life Member | 2013- |
| House of Delegates, Alternate Delegate | 1990 |
| Community Health Committee, Chairman | 1986-1990 |

Metropolitan District Dental Society

| | |
|-------------|-------|
| Member | 1973- |
| Life Member | 2013- |

Greater Boston Dental Society

| | |
|---------------------------------|-----------|
| Program Committee, Chairman | 1974-2000 |
| Scholarship Committee, Chairman | 1993-1994 |
| | 1991-1993 |

Charles River Dental Society

| | |
|--------|-----------|
| Editor | 1974-2000 |
| | 1977-1979 |

Musculoskeletal Craniocervical Disorders Interdisciplinary Study Club

| | |
|----------------------|-----------|
| Founder and Director | 1987-1988 |
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Dental Aid for Russian Emigres (D.A.R.E)

| | |
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| Founder and Coordinator | 1989-1991 |
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MEMBERSHIPS, cont.

Dental Evaluations for Soviet Kids (D.E.S.K.)

Co-Founder

1989

Dental Assistance for Survivors of the Holocaust (D.A.S.H.)

Founder and Coordinator

2005-2008

New Century Club

President

1973-1988

Executive Board

1987-1988

1983-1988

Combined Jewish Philanthropies

Health Professions Team, Chairman

2007-2010

Health Professions Team, Campaign Chairman

2005-2007

Health Professions Team, Member

1998-2015

Dental Division, Chairman

1986-1990

Board of Overseers

1992-1995

Volunteer Campaign Solicitor

1973-

State of Israel Bonds of Greater Boston

Chairman

1997-1998

Campaign Cabinet, Member

1993-

Dental Division, Chairman

1978-1979

Solomon Schechter Day School

Board of Trustees, Member

1987-1993

Temple Emanuel, Newton Centre, MA

Board of Trustees, Member

2008-2014

Ritual Committee, Member

2008-2012

Nominating and Governance Committee, Member

2009-2011

Religious Life Committee, Chairman

2012-2018

Congregation Beth El-Atereth Israel, Newton Centre, MA

Social Action Committee, Chairman

1988-1990

Congregation Mishkan Tefila, Chestnut Hill, MA

Board of Directors, Member

1978-1984

Brotherhood, Member

1973-1988

Brotherhood, President

1983-1984

Soviet Jewry Action Committee, Chairman

1978

REFERENCES

References will be provided on request.