

# NATHAN S. BIRNBAUM, DDS, CAGS (Prosth.)

## PROSTHODONTIST

### AREAS OF EXPERTISE

*Prosthodontics*

*3D Impression Scanning*

*Implant Restorations*

*Cosmetic Dentistry*

*Full Mouth Reconstruction*

*TMJ Dysfunction*

### PROFESSIONAL HIGHLIGHTS

*Fellow, American College of Dentists*

*Fellow, International College of Dentists*

*Winner, Trudi Birger Community Service Award (Alpha Omega)*

*Member, Omicron Kappa Upsilon*

*International Lecturer*

*Consultant, Gerson Lehrman Group*

*Published Author in Multiple Magazines and Textbooks*

*Former Associate/ Assistant Professor/ Instructor at Harvard, Boston University, and Tufts Dental Schools*

## CONTACT

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w: [www.ngdentalcenter.com](http://www.ngdentalcenter.com)

## SOCIAL



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[linkedin.com/in/nathanbirnbaum/](https://linkedin.com/in/nathanbirnbaum/)

## EDUCATION

### **Certificate of Advanced Graduate Study, Prosthodontics**

1972 - 1974

Boston University School of Graduate Dentistry  
Boston, MA

### **DDS**

1968-1972

Northwestern University Dental School  
Chicago, IL

### **BA**

1964 - 1968

Harvard College  
Cambridge, MA

## WORK EXPERIENCE

### **New Generation Dental Center**

1973 - present

Wellesley, Massachusetts

### **PROSTHODONTIST**

- ◆ Practice formerly known as "Restorative & Aesthetic Dentistry," located in Newton, MA from 1973 until 1994.

## TEACHING EXPERIENCE

### **Tufts University School of Dental Medicine**

Boston, MA

- ◆ ASSOCIATE CLINICAL PROFESSOR, DEPARTMENT OF PROSTHODONTICS AND OPERATIVE DENTISTRY

2005 - 2014

### **Harvard University School of Dental Medicine**

Boston, MA

- ◆ CLINICAL INSTRUCTOR OF PROSTHETIC DENTISTRY
- ◆ COORDINATOR OF CONTINUING ED IN PROSTHODONTICS

1982 - 2005

1992 - 1995

### **Boston University School of Graduate Dentistry**

Boston, MA

- ◆ ASSISTANT CLINICAL PROFESSOR OF FIXED PROSTHODONTICS
- ◆ CLINICAL INSTRUCTOR OF FIXED PROSTHODONTICS
- ◆ CONTINUING EDUCATION FACULTY

1976 - 1993

1974 - 1976

1982 - 1993

## FULL- AND HALF-DAY COURSES

<b>Dental Impressions Using 3D Digital Scanners: Virtual Becomes Reality (4 Presentations)</b> <i>Yankee Dental Congress, Boston, MA</i>	2009
<b>Bonded Restorations for Posterior Teeth – A Comparison of the State-of-the-Art Systems</b> <ul style="list-style-type: none"><li>◆ <i>Coltene-Whaledent Company, Sanibel Harbor Resort and Spa, Fort Myers, FL</i></li><li>◆ <i>Middlesex District Dental Society, Lexington Sheraton Inn, Lexington, MA</i></li><li>◆ <i>Young Dentists Study Club, Wellesley, MA</i></li><li>◆ <i>Advanced Dental Technologies, Stoneham, MA</i></li><li>◆ <i>The New Hampshire Dental Study Group, Radisson Inn North Country, West Lebanon, NH</i></li></ul>	1998 1997 1996 1996 1995
<b>Direct Tempered Composite Restorations: A Hands-On Experience (2 Sessions)</b> <i>Yankee Dental Congress</i> <i>Goldman School of Graduate Dentistry, Boston University, Boston, MA</i>	1994
<b>Tempered Composite Inlays, Onlays, Laminates and Bridgework Veneers</b> <i>Yankee Dental Congress</i> <i>Marriott Hotel Copley Place, Boston, MA</i>	1994
<b>Bonded Restorations for Posterior Teeth – A Comparison of Available Systems: A Participation Course in Direct Tempered Composite Restorations (Full Day Course)</b> <i>Department of Continuing Education, Goldman School of Graduate Dentistry</i> <i>Boston University, Boston, MA</i>	1993
<b>Bonded Restorations for Posterior Teeth</b> <ul style="list-style-type: none"><li>◆ <i>Canadian Dental Association Annual Meeting, Calgary, Alberta, Canada</i></li><li>◆ <i>Goldman School of Graduate Dentistry, Boston University (Alpha Omega), Boston, MA</i></li><li>◆ <i>Sullivan Dental Supply Company, Radisson Hotel, Grand Rapids, MI</i></li><li>◆ <i>Patterson Dental Company, Marriott World Center, Orlando, FL</i></li><li>◆ <i>Coltene-Whaledent Company, The American Club, Milwaukee, WI</i></li><li>◆ <i>Francis B. Vedder Society of Crown &amp; Bridge Prosthodontics, Shanty Creek Resort, Bellaire, MI</i></li><li>◆ <i>International Prosthodontics Course, Harvard University School of Dental Medicine, Boston, MA</i></li><li>◆ <i>U.S. Veterans' Administration, Department of Dentistry, West Roxbury, MA</i></li></ul>	1992 1992 1992 1991 1991 1990 1990 1989
<b>When You Can and When You Cantilever</b> <i>Francis B. Vedder Society of Crown &amp; Bridge Prosthodontics, Shanty Creek Resort, Bellaire, MI</i>	1990
<b>Bonded Restorations for Posterior Teeth – A Hands-On Experience</b> <i>Department of Continuing Education, Goldman School of Graduate Dentistry</i> <i>Boston University, Boston, MA</i>	1990
<b>Crown Preparation, Bridge Temporization, and Impression Technique: Periodontal, Prosthetic, and T.M.J. Considerations (Full Day Course)</b> <i>Department of Continuing Education, Goldman School of Graduate Dentistry</i> <i>Boston University, Boston, MA</i>	1986 - 1990 (5 courses)
<b>Crown Preparation, Bridge Temporization, and Impression Technique: Periodontal, Prosthetic, and T.M.J. Considerations (Full Day Course)</b> <i>Francis B. Vedder Society of Crown &amp; Bridge Prosthodontics</i> <i>Shanty Creek Resort, Bellaire, MI</i>	1990
<b>Crown Preparation, Bridge Temporization, and Impression Technique: Periodontal and Prosthetic Considerations (Full Day Course)</b> <i>Department of Continuing Education, Goldman School of Graduate Dentistry</i> <i>Boston University, Boston, MA</i>	1982 - 2985 (4 courses)
<b>The Art of Copper Band Impressions</b> <i>Metropolitan District Dental Society</i>	1984, 1986 (2 courses)
<b>Crown Preparation, Bridge Temporization, and Impression Technique: Periodontal, Prosthetic, and T.M.J. Considerations (Full Day Course)</b> <i>Private Continuing Education Course</i> <i>Holiday Inn, Summit, NJ</i>	1984

## LECTURES

<b>How the Pros Do It – A Symposium on Performance Enhancing Mouthwear</b> <i>Yankee Dental Congress, Boston, MA</i>	2010
<b>Bonded Restorations for Posterior Teeth</b> <i>Harvard University School of Dental Medicine, Boston, MA</i>	1988 - 2001 (19 lectures)
<b>The Block Temporization Technique</b> <i>Harvard University School of Dental Medicine, Boston, MA</i>	1986 - 2001 (17 lectures)
<b>The Art of Copper Band Impressions</b> <i>Harvard University School of Dental Medicine, Boston, MA</i>	1984 - 1996 (13 lectures)
<b>Bonded Restorations for Posterior Teeth</b> <ul style="list-style-type: none"><li>◆ <i>Emerson Study Club, Acton, MA</i></li><li>◆ <i>Tufts University School of Dental Medicine (Alpha Omega), Boston, MA</i></li><li>◆ <i>Manchester Dental Society, Manchester, NH</i></li><li>◆ <i>Alpha Omega Boston Alumni Chapter, Bethel, ME</i></li><li>◆ <i>West Metropolitan Dental Society, Framingham, MA</i></li><li>◆ <i>Yankee Dental Congress, Boston, MA</i></li></ul>	1993 1990, 1992 1989 1989 1989 1988
<b>Post and Core Restorations</b> <i>Harvard University School of Dental Medicine, Boston, MA</i>	1990
<b>On Making A Good Impression</b> <i>Massachusetts Dental Society Annual Meeting Boston, MA</i>	1985
<b>The Art of Copper Band Impressions</b> <i>Yankee Dental Congress, Boston, MA</i>	1983
<b>Crown Margins – Periodontal and Prosthetic Considerations</b> <ul style="list-style-type: none"><li>◆ <i>Yankee Dental Congress, Boston, MA</i></li><li>◆ <i>Tufts University School of Dental Medicine (Alpha Omega), Boston, MA</i></li></ul>	1979 1978
<b>The Many Facets of Temporization</b> <i>Alpha Omega, Boston Alumni Chapter Newton, MA</i>	1976

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## TABLE CLINICS

<b>Tempered Composite Resin Onlays, Laminates</b> <i>Chicago Dental Society, Midwinter Meeting Chicago, IL</i>	1993
<b>Bonded Restorations for Posterior Teeth</b> <i>American Dental Association, Annual Meeting Boston, MA</i>	1990
<b>Posterior Bonded Restorations</b> <ul style="list-style-type: none"><li>◆ <i>Alpha Omega International Dental Society, International Convention, Cleveland, OH</i></li><li>◆ <i>New England Dental Society, Boston, MA</i></li></ul>	1984 1987, 1989
<b>The Art of Copper Band Impressions</b> <ul style="list-style-type: none"><li>◆ <i>Alpha Omega Symposium, Dedham, MA</i></li><li>◆ <i>New England Dental Society, Boston, MA</i></li><li>◆ <i>Greater New York Dental Meeting, New York, NY</i></li></ul>	1990 1981, 1984 1981
<b>Crown Margins – Periodontal and Prosthetic Considerations</b> <ul style="list-style-type: none"><li>◆ <i>Thomas P. Hinman Dental Meeting, Atlanta, GA</i></li><li>◆ <i>Alpha Omega Symposium, Chestnut Hill, MA</i></li></ul>	1978 1977

## PUBLICATIONS

### **Esthetics in Dentistry**

by Ronald Goldstein

- ◆ Co-authored chapter with Dr. Heidi Aaronson on the topic of Digital Impressioning Devices

Expected 2017

### **Digital Impressioning**

*Inside Dentistry, Vol. 7, No.7, Jul/Aug, 2011*

August 2011

### **Digital Dental Impression Systems**

*Inside Dentistry, Vol. 7, No.2, Feb, 2011*

February 2011

### **The Revolution in Digital Impressioning**

*Inside Dentistry, Vol. 6, No. 7, Jul/Aug, 2010.*

August 2010

### **3D Digital Scanners: A High-Tech Approach to More Accurate Dental Impressions**

*Inside Dentistry, Vol. 5, No. 4, April 2009*

April 2009

### **Dental Impressions Using 3D Digital Scanners: Virtual Becomes Reality**

*The Compendium of Continuing Dental Education, Vol. 29, No. 8, pp. 494, 496, 498-505, October, 2008*

October 2008

### **Heat-Tempered Composite Resin Laminate Veneers**

Current Opinion in Cosmetic Dentistry, pp. 52-57, 1994. PMID: 8032441

1994

### **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

July 1992

### **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

April 1992

### **Billing Insurers for Heat-Processed Inlays and Onlays**

The Implant Society, Vol. 3, No. 1, pp. 9-13, 16, March-April, 1992. PMID: 1525221

February 1992

### **The Next Generation of Implant Prosthetic Materials**

The Implant Society, Vol. 1, No. 1, pp. 4-5,14,16, March-April, 1990. PMID: 2073516

April 1990

### **Oven-Tempered Posterior Composite Resin Inlays and Onlays**

The Aorta, Boston Alumni Chapter of Alpha Omega International Dental Fraternity

December 1988

### **Review of Acid Etch Composite Restorative Technique**

The Bulletin of the Greater Boston Dental Society, Vol. XV, No. 3, 1975.

November 1975

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## 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)

Lewis H. Millender Community of Excellence Award (Combined Jewish Philanthropies)

Trudi Birger Community Service Award (Alpha Omega International Dental Fraternity)

Who's Who in America

Who's Who in Massachusetts

International Who's Who of Professionals

Who's Who in Executives and Professionals

Madison Who's Who of Executives and Professionals

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

## AFFILIATIONS & PROFESSIONAL MEMBERSHIPS

<b>Journal of Contemporary Dental Practice, Member, Editorial Board</b>	2005 - 2017
<b>Dental Assistance for Survivors of the Holocaust (D.A.S.H.), Coordinator</b>	2005 - 2008
<b>Gerson Lehman Group's Council of Healthcare Advisors, Council Member</b>	2004 -present
<b>Temple Emanuel, Newton Center, MA</b>	1996 - present
◆ <i>Religious Life Committee, Chairman, 2012 - present</i>	
◆ <i>Board of Trustees, Member, 2008 - 2014</i>	
◆ <i>Nominating and Governance Committee, Member, 2009 - 2012</i>	
◆ <i>Ritual Committee, Member, 2008 - 2012</i>	
<b>International College of Prosthodontists, Member</b>	1995 - present
<b>Academy of Osseointegration, Member</b>	1995 - present
<b><u>Current Opinion in Cosmetic Dentistry</u>, Member, Editorial Board</b>	1995
<b>American Academy of Pain Management, Diplomate</b>	1992 - 2017
<b>Northeastern Prosthodontic Society, Member</b>	1992 - 1999
<b>American Academy of Fixed Prosthodontics, Fellow</b>	1992 -present
<b>Esthetic Dentistry Research Group, Member, Editorial Team, REALITY</b>	1992 - present
<b>Good Housekeeping Institute, Dental Consultant</b>	1990 - 1992
<b>American Academy of Cosmetic Dentistry, Associate Member</b>	1989 - 2017
<b>Dental Aid for Russian Emigres (D.A.R.E), Founder</b>	1989 - 1991
<b>Dental Education for Soviet Kids (D.E.S.K), Co-Founder</b>	1989
<b>Congregation Beth El-Atereth Israel, Newton Center, MA</b>	1988 - 1990
◆ <i>Social Action Committee, Chairman, 1988 - 1990</i>	
<b>Solomon Schechter Day School of Greater Boston, Board of Trustees, Member</b>	1987 - 1993
<b>Musculoskeletal Craniocervical Disorders Interdisciplinary Study Club, Founder and Director</b>	1987 - 1988
<b>Jerusalem Dental Center for Children, Executive Board</b>	1985 - 2013
<b>New Century Club</b>	1983 - 1988
◆ <i>President, 1987 - 1988</i>	
◆ <i>Executive Board, 1983 - 1988</i>	
<b>Academy of Stress and Chronic Disease, Associate Fellow</b>	1983 - 1987
<b>Tel Aviv University School of Dental Medicine, Founder</b>	1982
<b>American College of Prosthodontics</b>	1981 - present
◆ <i>Associate Fellow, 1981 - present</i>	
◆ <i>Member, New England Section, 1984 - present</i>	
<b>Alpha Omega Foundation</b>	1980 - present
◆ <i>Regional Liaison, 2004 - present</i>	
◆ <i>Treasurer, 1982 - 1984</i>	
◆ <i>Investments Committee, 1982 - 1984</i>	
◆ <i>Research and Clinicians Committee, Co-Chairman, 1981 - 1984</i>	
◆ <i>Grants Committee, 1981 - 1984</i>	
◆ <i>Executive Board, Member-at-Large, 1980 - 1984</i>	
◆ <i>Founder, Beta Epsilon Chapter (Boston University), 1976</i>	
<b>Henry M. Goldman School of Graduate Dentistry, Boston University, Fellow</b>	1978
<b>Hebrew University - Hadassah School of Dental Medicine</b>	1978, 1989
◆ <i>Patron Founder, 1989</i>	
◆ <i>Founder, 1978</i>	

# AFFILIATIONS & PROFESSIONAL MEMBERSHIPS, cont.

<b>State of Israel Bonds of Greater Boston</b>	1978 - present
<ul style="list-style-type: none"><li>◆ <i>Chairman, 1997 - 1998</i></li><li>◆ <i>Campaign Cabinet, Member, 1993 - present</i></li><li>◆ <i>Dental Division, Chairman, 1978 - 1979</i></li></ul>	
<b>Alpha Omega International Dental Fraternity</b>	1976 - present
<ul style="list-style-type: none"><li>◆ <i>International Committees:</i><ul style="list-style-type: none"><li>◆ <i>Advanced Institute Committee, 1992</i></li><li>◆ <i>In-Office Residency Committee, 1992 - 1993</i></li><li>◆ <i>Speakers' Bureau Committee, 1992 - 1993</i></li><li>◆ <i>Retraining and Absorption of Russian Dentists Committee, 1991</i></li><li>◆ <i>Public Relations Committee, 1990</i></li><li>◆ <i>Soviet Jewry Committee, 1985 - 1992</i><ul style="list-style-type: none"><li>◆ <i>Boston Coordinator, "Toothbrush Buddies" Program, 1992 - 1993</i></li><li>◆ <i>Chairman, 1986 - 1987, 1989 - 1991</i></li><li>◆ <i>Founder, Dental Aid for Russian Emigres (DARE), 1989</i></li><li>◆ <i>Co-Founder, Dental Evaluations for Soviet Kids, 1989</i></li></ul></li><li>◆ <i>Convention Site Committee, 1985 - 1987</i></li><li>◆ <i>Externships Committee, 1983 - 1990</i></li><li>◆ <i>Research Committee, 1982 - 1985</i></li><li>◆ <i>Overseas Manpower Committee, 1981 - 1983</i></li><li>◆ <i>Civil Rights Committee, 1978 - 1981</i></li><li>◆ <i>Budget and Fiscal Affairs Committee, 1977 - 1978</i><ul style="list-style-type: none"><li>◆ <i>Chairman, 1978</i></li></ul></li><li>◆ <i>Nominating Committee, 1977</i></li><li>◆ <i>Dental Policy Committee, 1977 - 1978, 1983</i></li><li>◆ <i>Associations and Residencies Committee, 1976, 1981 - 1985, 1999</i><ul style="list-style-type: none"><li>◆ <i>Chairman, 1988</i></li></ul></li><li>◆ <i>Membership Retention Committee, 1975</i></li><li>◆ <i>Big Brother Committee, 1975</i></li></ul></li><li>◆ <i>Regent, Regency #1, 1978 - 1980, 1990 - 1991</i></li><li>◆ <i>International Marshal, 1985</i></li><li>◆ <i>Century Club, 1978 - 1998</i></li></ul>	
<b>Greater Boston Dental Society</b>	1974 - 2000
<ul style="list-style-type: none"><li>◆ <i>Program Committee, Chairman, 1993 - 1994</i></li><li>◆ <i>Scholarship Committee, Chairman, 1991 - 1993</i></li></ul>	
<b>Charles River Dental Society</b>	1974 - present
<ul style="list-style-type: none"><li>◆ <i>Editor, 1977 - 1979</i></li></ul>	
<b>American Dental Association, Member</b>	1973 - present
<b>Massachusetts Dental Society, Member</b>	1973 - present
<ul style="list-style-type: none"><li>◆ <i>House of Delegates, Alternate Delegate, 1990</i></li><li>◆ <i>Community Health Committee, Chairman, 1986 - 1990</i></li></ul>	
<b>Combined Jewish Philanthropies</b>	1973 - present
<ul style="list-style-type: none"><li>◆ <i>Health Professions Team, Chairman, 2007 - 2010</i></li><li>◆ <i>Health Professions Team, Campaign Chairman, 2005 - 2007</i></li><li>◆ <i>Health Professions Team, Member 1998 - present</i></li><li>◆ <i>Dental Division, Chairman, 1986 - 1990</i></li><li>◆ <i>Board of Overseers, 1992 - present</i></li><li>◆ <i>Volunteer Solicitor, 1973 - present</i></li></ul>	
<b>Congregation Mishkan Tefila, Chestnut Hill, MA</b>	1973 - 1984
<ul style="list-style-type: none"><li>◆ <i>Brotherhood, 1973 - 1988</i><ul style="list-style-type: none"><li>◆ <i>President, 1983 - 1984</i></li></ul></li><li>◆ <i>Board of Directors, Member, 1978 - 1984</i></li><li>◆ <i>Soviet Jewry Action Committee, Chairman, 1978</i></li></ul>	