

# CURRICULUM VITAE

**Christine Charles, RDH, BS**

## **Professional Summary**

Dental hygiene professional with forty years of clinical research experience in the launch and line extension of personal and oral care healthcare products from consumer product companies with strong written and verbal communication skills, excellent management skills, and meets timelines effectively. Has thorough understanding of drug development process, Good Clinical Practices, International Conference on Harmonization Guidance and pharmaceutical Standard Operating Procedures, claims development, professional communications and publication responsibilities.

### **I. PROFESSIONAL EXPERIENCES**

June 2012 – Present

**Director, Scientific & Professional Affairs**  
Johnson & Johnson Consumer Healthcare  
Research & Development  
Global Publications and Communications  
Planning and Australia/New Zealand regional  
responsibilities  
Morris Plains, NJ

January 2012 – June 2012

**Director, Scientific & Professional Affairs**  
Johnson & Johnson Consumer Healthcare  
Research & Development  
(Asia Pacific Region)  
Morris Plains, NJ

June 2011 – January 2012

**Director, Scientific & Professional Affairs**  
Johnson & Johnson Consumer Healthcare  
Research & Development  
(Latin America & Asia Pacific Regions)  
Morris Plains, NJ

- January 2009 – June 2011 **Associate Director, Scientific & Professional Affairs**  
Johnson & Johnson Consumer Healthcare  
Research & Development  
(Latin America Region)  
Morris Plains, NJ
- January 2006 – January 2009 **Associate Director, Clinical Research, Oral Care**  
Johnson & Johnson Consumer Healthcare  
Research & Development  
Morris Plains, NJ
- January 2003 – January 2006 **Associate Director, Clinical Research, Oral Care**  
Pfizer Consumer Healthcare Research & Development  
Morris Plains, NJ
- January 2000 – January 2003 **Senior Manager, Clinical Research, Oral Care**  
Pfizer Consumer Healthcare Research & Development  
Morris Plains, NJ
- January 1988 – December 1999 **Clinical Research Associate, Dental Affairs**  
Warner-Lambert Company  
Consumer Healthcare Research & Development  
Morris Plains, NJ
- January 1982 – December 1987 **Senior Clinical Scientist, Dental Affairs**  
Warner-Lambert Company  
Consumer Healthcare Research & Development  
Morris Plains, NJ

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|-----------------------------|---|
| January 1979 – January 1982 | <b>Developmental Scientist</b><br>Lever Brothers Company<br>Research & Development<br>Edgewater, NJ |
| January 1973 – January 1979 | <b>Dental Hygienist</b><br>Lever Brothers Company<br>Research & Development<br>Edgewater, NJ        |
| September 1972 – June 1973  | <b>Dental Hygienist</b><br>Dr. Crowell, Hamden CT<br>Dr. Eagle, Darien CT                           |
| July 1972 - August 1972     | <b>Dental Hygienist</b><br>Dr. Ledoux, Ellenville, NY   |

## **II. EDUCATION**

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|------|---|
| 1973 | <b>Bachelor of Science Degree</b><br><b>Dental Hygiene</b><br>University of Bridgeport<br>College of Arts and Science<br>Bridgeport, Connecticut  |
| 1972 | <b>Associate of Science Degree</b><br><b>Dental Hygiene</b><br>University of Bridgeport<br>College of Arts and Science<br>Bridgeport, Connecticut |

## **III. PUBLICATIONS**

Hovliaras, C. SAVVY SUCCESS – Achieving Professional Excellence and Career Satisfaction in the Dental Hygiene Profession, Volume II: Patient Care. Charles C, Santos SL, Morris A. Chapter 29: Role of Daily Use Mouthrinses in Maintaining Oral Health, Author House, 245-262; 2012.

Charles CA, McGuire JA, Qaqish J, Amini P. Increasing antiplaque/antigingivitis efficacy of an essential oil mouthrinse over time - an *in vivo* study. Accepted 2012, General Dentistry,

Charles CA, Amini P, Gallob J, Shang H, McGuire JA, Costa R. Antiplaque and antigingivitis efficacy of an alcohol-free essential-oil containing mouthrinse: A 2-week clinical trial, Am J Dent 2012;25.

Cortelli C, Cortelli JR, Wu M-M, Simmons K, Charles C. Comparative antiplaque and antigingivitis efficacy of a multipurpose essential oil-containing mouthrinse and a cetylpyridinium chloride-containing mouthrinse: A 6-month randomized clinical trial, QJ 2012 43:e82-e94.

Charles C, Amini P, McGuire JA, Simons K, Qaqish J. Increasing Antiplaque/Antigingivitis Efficacy of an Essential Oil Mouthrinse Over time (6-Months), J Dent Hyg 86(1)51, 2012.

Ilg D, Junker L, McGuire JA, Mordas C, Queiroz D, Ricci-Nittel D, Charles C. In Vivo Efficacy of an Alcohol-Free Essential oil Containing Mouthrinse, J Dent Hyg 86(1)64, 2012.

Cugini M, Charles C, Kinney J. Getting Started In Clinical Research, J Dent Hyg 86:1;26, 2012.

Charles CA. Rinses for the control and prevention of plaque and gingivitis, Essential Oils, RDH Focus Newsletter |View online| September 2, 2011.

Charles CA, McGuire JA, Sharma NC, Qaqish J. Comparative efficacy of two daily use mouthrinses: randomized clinical trial using an experimental gingivitis model. Braz Oral Res 2011 Jul-Aug; 25(4):338-44.

Sharma NC, Marcelo WB, Araujo, Wu M-M, Qaqish JA, Charles C. Superiority of an essential oil mouthrinse when compared with a 0.05% cetylpyridinium chloride containing mouthrinse: a six-month study, International Dental Journal, (2010) 60, 175-180.

P Amini, M Araujo, M Wu, C Charles, N Sharma. Comparative antiplaque and antigingivitis efficacy of three antiseptic mouthrinses: a two week randomized clinical trial. Braz Oral Res 23(3):319-25, 2009.

Sharma NC, Unsook A, Qaqish JA, Araujo MWB, Wu M, and Charles C. Comparative Efficacy of Essential Oil and 0.05% CPC Mouthrinses, World Congress Preventive Dentistry poster presentation September 2009.

Fine DH, Furgang D, Sinatra K, Charles C, McGuire A, Kumar LD. In vivo antimicrobial effectiveness of an essential oil-containing mouthrinse 12 h after a single use and 14 days' use, *J Clin Perio*:32:335-40, 2005.

Fine DH, Markowitz K, Furgang D, Goldsmith D, Ricci-Nittel D, Charles CH, Peng P and Lynch MC. Effect of Rinsing with an essential oil-containing mouthrinse on subgingival periodontopathogens, *J Perio*:78:10, 1935-1942, 2007.

Fine DH, Markowitz K, Furgang D, Goldsmith D, Charles CH, Lisante TA, Lynch MC. Effect of an essential oil-containing antimicrobial mouthrinse on specific plaque bacteria in vivo. *J Clin Perio*;4:8,652-657,2007.

Charles, CH and Cugini M. Research as a Career Option for Dental Hygienists, *Access* 20(9):27-3, 2006.

Cronin MJ, Charles CA, Zhao Q, Dembling WZ. Comparison of two over-the-counter tooth whitening products using a novel system, *Compendium of continuing education in dentistry* 26:140-148, 2005.

Charles CH, Mostler KM, Bartels LL, Mankodi SM. Comparative antiplaque and antigingivitis effectiveness of a chlorhexidine and an essential oil mouthrinse: 6-month clinical trial. *J Clin Periodontol*. 2004 Oct;31(10):878-84.

Fischman SL, Aguirre A, and Charles CH. Use Of Essential Oil-Containing Mouthrinses By Xerostomic Individuals: Determination Of Potential For Oral Mucosal Irritation, *Am J Dent* 17:23-26, 2004.

Sharma NC, Charles C. Adjunctive Benefit Of An Essential Oil-Containing Mouthrinse In Reducing Plaque And Gingivitis In Patients Who Brush And Floss Regularly: A Six-Month Study, *JADA* 135:496-504, 2004.

Legeros RZ, Rohanizadeh R, Lin S, Mijares D, Legeros JP, Charles CH, Pan, PC. Dental calculus composition following use of essential-oil/ZnCl<sub>2</sub> mouth rinse. *Am J Dent* 16(3):155-160, 2003.

Sharma NC, Galustians HJ, Qaqish J, Charles CH, Vincent JW, McGuire JA. Antiplaque and antigingivitis effectiveness of a hexetidine mouthwash. *J Clin Perio* 30(7):590-594, 2003.

Bauroth K, Charles CH, Mankodi SM, Simmons K, Zhao Q. The efficacy of an essential oil antiseptic mouthrinse vs. dental floss in controlling interproximal gingivitis: A comparative study. *JADA* 2003; 134:359.

Charles C, Sharma NC, Qaqish JG, Galustians J, Zhao Q. Comparative effectiveness of an essential oil mouthrinse and dental floss in controlling interproximal gingivitis and plaque. *Am J Dent* 2002; 15: 351-355.

Charles CH, Sharma NC, Galustians J, Qaqish J, McGuire JA and Vincent JW. Comparative efficacy of an antiseptic mouthrinse and an antiplaque/antigingivitis dentifrice: A six-month trial, *JADA* 132:670-675, 2001.

Charles CH, Cronin MJ, Conforti NJ, et al. Anticalculus efficacy of an antiseptic mouthrinse containing zinc chloride, *JADA* 132:94-98, 2001.

Charles CH, Pan PC, Sturdivant L, Vincent JW. *In Vivo* Antimicrobial activity of an essential oil-containing mouthrinse on interproximal plaque bacteria, *J Clin Dent* 11:94-97, 2000.

Fine DH, Furgang D, Barnett ML, Drew C, Steinberg L, Charles CH, Vincent JW. Effect of an essential oil-containing mouthrinse on plaque and salivary *Streptococcus mutans* levels, *J Clin Periodontol* 27:157-161, 2000.

Charles CH, Vincent JW, Borycheski L, et al. Effect of an essential-oil containing dentifrice on dental plaque microbial composition. *Am J Dent*; 13:26C-30C, 2000.

LeGeros RZ, Rohanizadeh R, Lin S, Retino M, Legeros JP, Charles CH and Pan PC. Dental calculus analysis following essential-oil containing/ZnCl<sub>2</sub> mouthrinse use, *Am J Dent* 16(3):155-160, 2003.

Fine, DH, Furgang D, Drew C, Steinberg L, Charles C, Vincent J and Barnett M. Effect of Listerine antiseptic on interproximal plaque *Streptococcus mutans* levels. *J Dent Res* 77:921, 1998.

DePaola LG, Minah GE, Overholser CD, Meiller TF, Charles CH, Harper DS and McAlary M. Effect of an antiseptic mouthrinse on salivary microbiota. *Am J Dent* 9(3):93-5, 1996.

Fine JB, Harper DS, Gordon JM, Hovliaras CA. and Charles CH. Short term microbiological and clinical effects of subgingival irrigation with an antimicrobial mouthrinse. *J. Periodontol* 65:30, 1994.

Reddy MS, Palcanis KG, Barnett ML, Haigh S, Charles CH, and Jeffcoat MK. Efficacy of meclofenamate sodium (Meclomen®) in the treatment of rapidly progressive periodontitis. *J. Clin. Perio.* 20:635-640, 1993.

Ross NM, Mankodi SM, Mostler KL, Charles CH, and Bartels LL. Effect of rinsing time on antiplaque-antigingivitis efficacy of Listerine. *J. Clin. Periodontol.* 20:279-281, 1993.

Ross NM, Charles CH and Dills SS. Long-term effects of Listerine Antiseptic on dental plaque and gingivitis. *J. Clin. Dent.* 4:92-95, 1989.

Zambon JJ, Ciancio SG, Mather ML and Charles CH. The effect of an antimicrobial mouthrinse on early healing of gingival flap surgery wounds. *J. Periodontol.* 60: 31-34, 1989.

Lobene RR, Mankodi SM, Ciancio SG, Lamm RA, Charles CH and Ross NM. Correlations among gingival indices: a methodology study. *J. Periodontol.* 60:159-162, 1989.

Hodges CA, Bianco JG and Cancro LP. The removal of dental plaque under timed intervals of toothbrushing. Abstr. #460, 59th General Session, International Association for Dental Research, Mar. 1981.

#### **IV. ABSTRACTS**

Aquino DR, Cortelli JR, Charles C, Lisante T, Costa M, Wu M, Monaco M, Kendall C. Antiplaque and Antigingivitis Efficacy of Two Marketed Mouthrinses: Four-Week Trial, IADR (Abstr. #150), March 2012.

Lisante TA, Charles C, Wu M, Araujo MW, Ghaim J. Improvement in Gingivitis by Essential Oils Containing Mouthrinses: a Secondary Analysis, AADR (Abstr: #41), March 2012.

Kerr, AR, Kalliontz K, Corby PM, Thai K, Charles C and McGuire JA. Comparison of Two Mouthrinses on Salivary Flow and Perceived Dryness, *J Dent Res.* 2011;90(Special issue A):Abstract 784.

Ricci-Nittel D, Charles C, Morris A, McGuire JA, Ghaim J. In Vivo Evaluation of Antimicrobial Activity of an Essential-oil Mouthrinse, *JDR 90 Spec Issue A* (Abstr. # 1626), March 2011.

Lisante TA, Charles C, Qaqish J, and Sharma N. Efficacy of Brush, Floss, Rinse Regimens vs. Mechanical Oral Hygiene, *JDR Spec Iss A* (Abstr. #1320), March 2011.

Simmons K, Charles C, McGuire J, Hee A, Qaqish J, and Amini P. Efficacy of BRUSH, FLOSS, & RINSE™ Regimen Versus Mechanical Oral-Hygiene 2010 *JDR 89 Spec Iss A* (Abstr. #168).

Morris A, Santos S, Goyal C, Sharma N, Qaqish J, Demissie S, McGuire JA, Lemli B, Edelstein J, and Charles C. Two New REACH® Manual Toothbrushes Efficacy on Dental Plaque Removal. *J Dent Res* 90 (#1131), March 2010.

Cortelli S, Simmons K, Cortelli J, Wu M-M, Araujo\* WB, Charles C, C. CHARLES. Comparative Antiplaque/antigingivitis effectiveness of an essential oil-containing mouthrinse and a cetylpyridinium chloride-containing mouthrinse: A Six-Month Clinical Trial, 2010 *JDR Spec Iss* (Abstr. #: 443).

Lisante TA, Askinazi J, Simmons K, Charles C, McGuire JT, Qaqish J and Sharma N. Comparative Whitening Effectiveness of Three Hydrogen Peroxide-Containing Mouthrinses, *J Dent Res* 89 (Abst # 2597) 2009.

Ship JA, Corby PM, Fisch GS, McGuire JA, Charles C, Coelho J and Thai K. Reliability and Validity of Mouthfeel Questionnaire with Salivary Flow Rates, *J Dent Res* 89 (Abst # 1255) 2009.

Charles C, Mankodi SM, Santos SL, Lynch MC, Coelho J and Wu M-M. Determination of the Antiplaque/Antigingivitis Efficacy of Essential-oil-containing Mouthrinses, With and Without Fluoride, Using an Experimental Gingivitis Model, *JDR 82:Spec Issue B* (Abstr. #2758), March 2003.

Furgang D, Sinatra K, Schreiner H, Charles C, Peng P and Fine D. In vivo antimicrobial activity of an essential oil mouthrinse,. *J Dent Res* 81:A-356 (Abstr. 2854), 2002.

Furgang D, Sinatra K, Fine D, Charles C, Vincent J and Luo D. Extended duration of mouthrinse antimicrobial activity in vivo. *J Dent Res* 80:78 (Abstr. 354), 2001.

Cancro, L., Charles, C., Hefferren, J. and Dentifrice Function Committee. Non-abrasive and moderate abrasivity dentifrice use in adult females. *J. Dent. Res.* 75:87(Abstr. #560), March 1996.

Putt MS, Milleman JJ, Kleber CJ, Charles CH, and Hovliaras CA. A comparison between two variations of the experimental gingivitis model. *J. Dent. Res.* 73:163 (Abstr. #494), March 1994.

Desjardins PJ, Milles M, Vallerand W, Iranpour B, Charles CH, and Kohut B. Pretreatment with Meclofenamate Sodium and Ibuprofen in oral surgery pain. *J. Dent. Res.* 73:438 (Abstr. #2688), March 1994.

DePaola L, Minah G, Charles C, Barnett M, and Vincent J. Effect of an antiseptic mouthrinse on salivary microbiota. *J. Dent. Res.* 72:202 (Abstr. #789), 1993.



DePaola L, Minah G, Overholser C, Meiller T, Harper D, Charles C, and Dills S. Effect of an Antiseptic Mouthrinse on Salivary Microbiota. J. Dent. Res. 70:515 (Abstr. # 1995), March 1991.

Mankodi S, Mostler K, Charles CH, Bartels L and Ross NM. Comparative antiplaque/antigingivitis efficacies of two antiseptic mouthrinses. J. Dent. Res. 69:246 (Abstr. #1099), March 1990.

Charles CH, et al. Correlation between Volpe-Manhold Calculus Index and calculus area measurements. J. Dent. Res. 68:296 (Abstr. #920), March 1989.

Mostler K, Mankodi S, Ross NM, Charles C and Bartels L. Effect of rinsing time on antiplaque-antigingivitis efficacy of Listerine. J. Dent. Res. 68:365 (Abstr. #1469), March 1989.

Charles CH, Gilman R and Barnett ML. Computer-based thermal imaging studies of human gingivitis. J. Dent. Res. 67:242 (Abstr. #1034), March 1988.

Zambon, JJ, Ciancio SG, Charles CH and Ross NM. The effect of an antibacterial mouthrinse on healing following periodontal flap surgery. J. Dent. Res. 67:329 (Abstr. #1729), March 1988.

Mankodi S, Charles CH, Bartels L and Ross NM. Listerine Antiseptic and its relationship to calculus formation. J. Dent. Res. 67:402 (Abstr. #2311), March 1988.

Mankodi S, Lobene R, Ross N and Charles CH. Correlation between a visual Gingivitis Index and several bleeding indices. J. Dent. Res. 66:255 (Abstr. #1189), March 1987.

Lobene R, Mankodi S, Charles CH and Ross N. Correlations between MGI, GI and PI utilizing mouthrinse efficacy methodology. J. Dent. Res. 66:255 (Abstr. #1190), March 1987.

Cancro, LP, Hodges, CA, Bolton S, and Picozzi A. Antiplaque effectiveness of chlorhexidine gluconate under different toothbrushing regimens. Abstr. #362, 52nd General Meeting, International Association for Dental Research, March 1974.

## **V. PRESENTATIONS AT SCIENTIFIC MEETINGS**

**2011 2<sup>nd</sup> Annual North American/Global Dental Hygiene Research Conference:  
October 20-22, 2011 Bethesda MD**

**Poster Presentation:** In Vivo Efficacy Of An Alcohol-Free Essential Oil Containing Mouthrinse

**Oral Presentation:** Increasing Antiplaque/Antigingivitis Efficacy of an Essential Oil Mouthrinse Over Time (6-Months).

**Workshop Presentation:** Getting Started in Clinical Research, M. Cugini, C. Charles, J. Kinney

***2010 Brazilian section of the International Association of Dental Research Meeting: Águas de Lindóia, São Paulo, Brazil, Sept 2010***

**Workshop:** “How to Prepare Abstracts in English.”

**Symposium:** “Academic Research vs. Industry Research: Truths and Myths”

***2009 North American Dental Hygiene Research Conference: June 15-17, 2009, Washington DC***

**Poster Presentation:** Comparing Consumer Acceptance and Perceived Benefits of Two Floss Technologies,

Cortelli S, Simmons K, Cortelli M, Wu M-M, Araujo MW, Charles C. Long-Term Superiority: Combination Essential-Oils Compared to 0.05% CPC Rinse presented at Congresso Internacional de Odontologia de São Paulo, Sao Paulo, Brazil January 2010 (#133120).

Charles CA, Simmons K, Amini P, Qaqish JC, and NC Sharma. Increasing Antiplaque/Antigingivitis Efficacy of an Essential Oil Mouthrinse Over Time – An In Vivo Study. 2/2/2010 Congresso Internacional de Odontologia de São Paulo, Sao Paulo Brazil.

Charles C, Vair L, Queiroz D, McGuire JA, Gell C, Channell E, Morris AD. Comparing Consumer Acceptance and Perceived Benefits of Two Floss Technologies, J Dental Hygiene 83(4)204, 2009.

Charles C, Lisante T, Zhao Q, Qaqish J, Lynch MC, Goyal, CR, and N. Sharma. Two Efficacy Studies of a Children’s Pre-Brush Plaque Tinting Mouthrinse. J Dent Res 87 (Abst # 2206), March 2007.

Charles C, Bauroth K, Lynch MC, Zhao Q. Determination of the Antiplaque/Antigingivitis Efficacy of a Citrus Flavor Essential Oil-Containing Mouthrinse Using an Experimental Gingivitis Model, J Dent Res 83 (Abst #159), March 2004.

Charles C, Sharma NC, Zhou S, Kumar L, Qaqish JG, Galustians J. Efficacy of a Brush, Floss, Rinse Regimen compared to Brushing and Flossing. J Dent Res 82 (Abst #495), March 2003.

Charles C, Sharma NC, Qaqish JG, Galustians J and Zhao Q. Antiplaque/antigingivitis efficacy of an essential oil mouth rinse vs. flossing. J Dent Res 81: 358 (Abst # 2866), March 2002.

Sharma NC, Galustians HJ, Qaqish, JG, Charles, CH, Vincent, JW, and McGuire, JA. Comparative antiplaque/antigingivitis efficacy: Listerine Antiseptic mouthrinse and Colgate Total dentifrice. J Dent Res 78:498 (Abstr #3138), March 1999.

Charles C, Sturdivant L, Pan P, and Vincent J. Effect of an oral antiseptic rinse on interproximal plaque bacteria, J Dent Res 77:175, (Abstr. #552), March 1998.

## **VI. PROFESSIONAL ORGANIZATIONS**

- American Dental Hygienists' Association
- American Association for Dental Research/International Association for Dental Research
- New Jersey Dental Hygienists' Association
- Bergen County Dental Hygienists' Association

## **VII. PROFESSIONAL AWARDS**

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|-------------|--|
| <b>2011</b> | <b>Oral Health Research Award by the Oral Health Research Group of the International Association for Dental Research</b> |
| <b>1973</b> | <b>Aristeia Honorary Society<br/>University of Bridgeport</b>  |
| <b>1973</b> | <b>Sigma Phi Alpha Dental Hygiene Honor Society</b>  |

## **VIII. DISTINCT PROFESSIONAL HONORS**

In March of 2011, Christine received the Oral Health Research Award by the Oral Health Research Group of the International Association for Dental Research for her outstanding achievements and contributions for over 28 years in clinical research.

Christine has received many outstanding awards for her clinical research efforts for Johnson & Johnson Company; Pfizer, Inc.; Warner-Lambert Company; and Unilever (Lever Brothers Company). Please refer to the Professional Corporate Awards section of this curriculum vitae.

**IX. PROFESSIONAL CORPORATE AWARDS**

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|-------------|---|
| <b>2012</b> | <b>James E Burke Marketing Awards Uncommon Courage<br/>American Regional Award<br/>Professional Education JETPack</b>   |
| <b>2010</b> | <b>Johnson &amp; Johnson Consumer Healthcare Platinum Hero<br/>Award</b>  |
| <b>2008</b> | <b>Johnson &amp; Johnson Consumer Healthcare Platinum Hero<br/>Award<br/>Passion Courage Collaboration</b>  |
| <b>2006</b> | <b>Pfizer Consumer Healthcare Global Excellence in Research<br/>Award In Recognition of Listerine Whitening Strips Innovation<br/>in Action</b>   |
| <b>2005</b> | <b>The “Panther Award” for Excellence in Performance,<br/>Pfizer Inc.<br/>In Recognition of Significant Performance Improvements in<br/>Work Process and Resource Utilization</b>   |
| <b>2005</b> | <b>President’s Award for Innovation, Pfizer Inc.<br/>Honorable Mention</b>  |
| <b>2003</b> | <b>President’s Innovation Award, Pfizer, Inc.<br/>In Recognition for “As Effective As” Flossing<br/>Supported Launch of Natural Citrus Listerine</b>  |
| <b>2002</b> | <b>The “Panther Award” for Excellence in Innovation,<br/>Pfizer, Inc.<br/>In Recognition of the Flossing Claim</b>  |
| <b>1998</b> | <b>Excellence Award, Warner-Lambert Company<br/>Identified Error in Database Provided for Stratification for<br/>Treatment Assignment and Remedied Situation Quickly to<br/>Avert Delay in Treatment Initiation Phase of Clinical Trial</b> |
| <b>1997</b> | <b>Accomplishment, Creativity &amp; Innovation Award,<br/>Warner-Lambert Company</b>  |

**Supported Launch of Listerine Global Formula**

- 1996**      **Accomplishment, Creativity & Innovation Award, Warner-Lambert Company  
Identified and Supported New Claim: Listerine Reaches Between Teeth**
- 1993**      **Accomplishment, Creativity & Innovation Award, Warner-Lambert Company  
Development and Launch of Listerine FreshBurst**
- 1987**      **Gained ADA Seal of Acceptance for Helping to Reduce Plaque and Gingivitis for Listerine Antiseptic**
- 1982-1983**      **Aim Toothpaste Product Support and Launch Award**

**X.      CONTINUING EDUCATION COURSES & OTHER PRESENTATIONS**

- 2012      ADHA leadership seminar: “Dental Hygiene in a Changing World, Chicago IL.
- 2007      ADHA Annual Session Corporate S.I.G. Forum: Research vs. Razzle Dazzle, Chicago IL.
- 2007      ADHA Annual Session: Product Presentation: What’s New at J&J Oral Health Products, Listerine Tooth Defense, Chicago, IL.
- 2006      ADHA Annual Session: Product Presentation: What’s New at Pfizer: Pocket Mist, Vanilla Mint Listerine, Agent Cool Blue, Orlando, FL.
- 2005      Lunch and Learn - Greater NY Dental Meeting: Role of Antiseptic Mouthrinses, New York, NY.
- 2003      ADHA Annual Session Product Presentation Symposium: Efficacy of a Brush, Floss, Listerine Regimen Compared to Brushing and Flossing Alone: A Six-Month Study, New York, NY.
- 1993      Dental Hygiene Career Opportunities & Professional Networking Symposium, NJ Dental Hygienists’ Association Annual Session.
- 1992      Advertising: Reading Between the Lines, NJ Dental Hygienists’

Association.

- 1991 Advertising: Reading Between the Lines  
McGill University Dental School, Montreal, Canada.
  
- 1988 Chemotherapeutic Mouthrinses and the ADA Seal of Acceptance  
Program, Lehigh Valley PA Dental Hygiene Association, Lehigh  
Valley PA.

- 1986 Chemotherapeutic Mouthrinses Expert Panel, National Dental Hygienists' Association Annual Session, Miami FL.
- 1984 The Dental Hygienist in Research, Career Options in Dental Hygiene, Fairleigh Dickinson University School of Dental Hygiene, Hackensack, NJ.