

## **CURRICULUM VITAE: JOHN GREGGORY COLLINS, D.M.D.**

### **PERSONAL HISTORY**

Born:                      Date: August 23, 1959  
                                 Place: Louisville, Kentucky  
                                 Citizenship: United States

Family:                    Spouse's full name: Jayme Leigh Collins  
                                 Children: Andrew Chamberlin (9/4/86)  
                                            Abbey Elizabeth (12/5/88)

Office Address:        Practice limited to Periodontics and Implants  
                                 11635 Capital Blvd.  
                                 Wake Forest, NC 27587  
                                 Telephone: 888-528-6182

Home Address:        11928 Fieldtown Lane  
                                 Raleigh, North Carolina 27614  
                                 Telephone: (919) 971-2273

### **EDUCATION**

<b><u>Institution and Location</u></b> <b><u>Major</u></b>	<b><u>Degree</u></b>	<b><u>Date Conferred</u></b>	<b><u>Degree</u></b>
Emory University School of Postgraduate Dentistry 1462 Clifton Road Atlanta, Georgia 30322	Certificate	1991	Periodontology
University of Louisville School of Dentistry Louisville, Kentucky 40292	D.M.D.	1988	Dentistry
Morehead State University Morehead, Kentucky 40351	B.S.	1981	Biology

### **STATES LICENSED**

May 1988                Southeast Regional Test  
June 1988                Kentucky Board of Dentistry No. 6225  
June 1992                North Carolina Board of Dentistry No. 6132

### **SPECIALTY BOARDS**

1992 American Board of Periodontology (Board Eligible), Part I

### **ACADEMIC OR PROFESSIONAL APPOINTMENTS**

1992 - 1996 Research Assistant  
Dental Research Center  
University of North Carolina at Chapel Hill  
Chapel Hill, NC 27599

1996 – present Adjunct Professor  
Department of Periodontics  
University of North Carolina at Chapel Hill  
Chapel Hill, NC 27599

2006- present Advisory Board  
Nu – Image Advanced Dental Seminars  
Seattle Study Club of Raleigh  
Raleigh, NC 27615

### **SOCIETY MEMBERSHIPS**

1988 - present American Academy of Periodontology  
1991 - present North Carolina Society of Periodontists  
1996 - present Christian Dental Society

### **HONORS AND AWARDS**

1984-88 American Dental Association Student Representative  
1986 Beta Delta Honorary Fraternity  
1986 Recipient, NIDR Short Term Training Grant (DE-07104)  
University of Louisville School of Dentistry  
1986 Recipient, James Ewing Foundation Research Fellowship  
University of Louisville School of Dentistry  
1987 First Place Award, Basic Science Division, University of  
Louisville, Health Sciences Research Day  
1988 Joseph P. Whitehead Foundation Scholarship  
1991 Thomas Hinman Scholarship for Academic Excellence

### **COMMITTEE APPOINTMENTS & CONSULTANT POSITIONS**

1992 - North Carolina Society of Periodontists, Continuing Education Committee

### **PRESENTATIONS**

State:

2/22/92 - North Carolina Society of Periodontists Meeting, "Clinical Implications of Current Periodontal Research Findings," Winter Meeting, Raleigh, NC.

9/17/92 - Pediatrics and Infectious Diseases Seminar Series, Duke University, "Periodontal Manifestations in Immunocompromised Patients," Durham, NC.

3/30/93 - AHEC, "Biochemical Mediators of Periodontal Destruction," Greater Raleigh Dental Hygiene Society, Raleigh, NC.

4/13/94 - Invited lecturer, "Effects of a Combination Therapy to Eliminate *P. gingivalis* in Refractory Periodontitis," presented to General Faculty and Residents in the Hospital Dental Program, Carolina Medical Center, Charlotte, NC.

5/3/94 - Invited lecturer, "Early Onset Periodontal Diseases," Forsyth County Dental Society, Winston-Salem, NC.

5/3/94 - Invited lecturer, "Diagnosis and Treatment of Refractory Periodontitis," R.J. Reynolds Dental Care Clinic, Winston-Salem, NC.

11/15/94 - Invited lecturer, "Early Onset Periodontal Diseases," Raleigh-Wake County Dental Society, Raleigh, NC.

2/20-21/95 - Cambridge Healthtech Institute's "Designing Better Drugs and Clinical Trials for Sepsis/SIRS: Reducing Mortality to Patient and Suppliers" Conference, Washington, DC. "Special Diagnostic Categories of Periodontal Disease as Models of Inflammatory Dysregulation."

8/19/96 - , Invited lecturer, "Advances in Periodontal Therapy", Gateway Study Club, Henderson, NC.

11/7/97 – Invited lecturer, "Recent Advances in Periodontal Research", Gateway Study Club, Henderson, NC

1/4/99 –, Invited lecturer, "Recent Advances in Periodontal Research", Wake Forest Dental Study Club, Wake Forest, NC

9/30/00 –Invited Lecturer, "The Link Between Periodontal Disease and Systemic Illness", NCDHA Fall Scientific Greensboro, NC

7/18/01 – Invited Lecturer, "The Link Between Periodontal Disease and Systemic Illness", North Carolina Oral Public Health Conference, Charlotte, NC

6/26/05 – Invited Lecturer, "Dental Implants" Henderson Rotary , Henderson, NC

5/11/06 – “Periodontal Disease and Perio-Systemic links”, AGD / Orapharma Lecture Series  
Greenville, SC

06/07/06 – Invited Lecturer , Carolina Dental Associates Periodontal Forum, , Wilson, NC

9/07/06 - “Periodontal Disease and Perio-Systemic links”, AGD / Orapharma Lecture Series,  
Greensboro, NC

10/19/06 - “Periodontal Disease and Perio-Systemic links”, AGD / Orapharma Lecture Series,  
Charlotte, NC

03/01/07 – “Data Collection and Diagnostic Criteria”, Seattle Study Club/ Nu-Image Advanced  
Dental Seminars, Raleigh, NC.

06/04/07 - Invited Lecturer , Carolina Dental Associates Implant Forum, Wilson, NC

06/13/07 - Invited Lecturer , Carolina Dental Associates Implant Forum, Rocky Mount, NC

## **PUBLICATIONS**

### Journal Articles

\*Miller, F.N., Collins, J.G., Feldhoff, P.A.: Non-invasive intravital fluorescent microscopy of the hamster gingiva. *J. Periodont. Res.* **24**: 261-266, 1989.

\*Offenbacher, S., Soskolne, A. and Collins, J.G. Markers of Periodontal Disease Susceptibility and Activity present within the Gingival Crevicular Fluid. *In: Risk Markers for Oral Diseases*, Vol. 3. Cambridge University Press, 1991, pp. 313-337.

\*Smith, M.A., Braswell, L.D., Boyd, D.L., Collins, J.G., Jeffcoat, M.K., Reddy, M., Li, K.L., Wilensky, S., Vogel, R., Alfano, M.C., Offenbacher, S.: Changes in Inflammatory Mediators in Experimental Periodontitis in the Rhesus Monkey. *Infection and Immunity* **61(4)**:1453-1459, 1993.

\*Offenbacher, S., Heasman, P.A., Collins, J.G.: Modulation of Host PGE<sub>2</sub> Secretion as a Determinant of Periodontal Disease Expression. *J. Periodontol.*, **64**: 432-444, 1993.

\*Heasman, P.A., Offenbacher, S., Collins, J.G., Edwards, G., Seymour, R.A.: Flurbiprofen in the Prevention and Treatment of Experimental Gingivitis. *J. Clin. Periodontol.* **20**:732-738, 1993.

\*Heasman, P.A., Collins, J.G., Offenbacher, S.: Changes in Crevicular Fluid Levels of IL-1 $\beta$ , LTB<sub>4</sub>, PGE<sub>2</sub>, TxB<sub>2</sub> and TNF $\alpha$  in Experimental Gingivitis in Humans. *J. Periodont. Res.* **28**: 241-247, 1993.

\*Collins, J.G., Offenbacher, S., Arnold, R.R.: Effects of a Combination Therapy to Eliminate *P. gingivalis* in Refractory Periodontitis. *J. Periodontol.* **64**: 998-1007, 1993.

\*Offenbacher, S., Collins, J.G., Heasman, P.A.: Diagnostic Potential of Host Response Mediators. *Adv. Dent. Res.* **7(2)**: 175-181, 1993.

\*Offenbacher, S., Collins, J.G., Arnold, R.R.: New Clinical Diagnostic Strategies Based on Pathogenesis of Disease. *J. Periodont. Res.* **28**: 523-535, 1993.

\*Yalda, B., Offenbacher, S. and Collins, J.G. Diabetes as a Modifier of Periodontal Disease Expression. *Periodontology 2000*, **6**: 37-49, 1994.

\*Collins, J.G., M.A. Smith, R.R. Arnold, and S. Offenbacher. The effects of *E. coli* and *P. gingivalis* LPS on pregnancy outcome in the golden hamster. *Infect. Immun.* **62**: 4652-4655, 1994.

\*Collins, J.G., H.W. Windley III, R.R. Arnold and S. Offenbacher. Effects of a *Porphyromonas gingivalis* infection on inflammatory mediator response and pregnancy outcome in the hamster. *Infect. Immun.* **62**: 4356-4361, 1994.

\*Offenbacher, S., Collins, J.G., Yalda, B. and Haradon, G. Role of Prostaglandins in High Risk Periodontitis Patients. In: ASM Publication Molecular Pathogenesis of Periodontal Diseases. R. Genco, S. Hamada, T. Lehner, J. McGhee and S. Mergenhagen, eds. 1994, pp. 203-214.

\*Li, K.L., Vogel, R., Jeffcoat, M.K., Alfano, M.C., Smith, M.A., Collins, J.G. and Offenbacher, S. The Effects of Ketoprofen Creams on Periodontal Disease in Rhesus Monkeys. *J. Periodont. Res.*, accepted 1995.

\*Kelm, G.R., Buchanan, W., Meredith, M.P., Offenbacher, S., Collins, J.G., Mankodi, S., Dobrozsi, D.J., Rapat, N.V., Wehmeyer, K.R. and Eichbold, T.H. Evaluation of ketorolac concentrations in plasma and gingival crevicular fluid following topical treatment with oral rinses and dentifrices. *J. Periodontol.*, submitted, 1994.

\*Salvi, G.E., Collins, J.G., Yalda, B., Arnold, R.R., Jones, B.H., Smith, F.W. and Offenbacher, S. Inflammatory Mediator Response as a Potential Risk Marker for Periodontal Diseases in IDDM Patients. *J. Periodontol.*, **68(2)**: 127-135, 1997.

\*Offenbacher, S., Katz, V., Fertik, G., Collins, J., Boyd, D., Maynor, G, McKaig, R., Beck, J. Periodontal infection as a risk factor for preterm low birth weight. *J. Periodontol.* **67(10)**: 1103-1113, 1996.

\*Salcetti, J.M., Moriarty, J.D., Cooper, L.F., Smith, F.W., Collins, J.G., Socransky, S.S., Offenbacher, S. The Clinical, Microbial, and Host Response Characteristics of the Failing Implant. *Int J Oral Maxillofac Implants* **12**: 32-42, 1997.

Abstracts and Book Reviews

- \*Collins, J.G., Miller, F.N. and Heuser, L.S.: Macromolecular leakage produced by normal plasma. AADR, Washington D.C., 1986.
- \*Miller, F.N., Collins, J.G., Feldhoff, P.A.: Development of a new preparation to study the gingival microcirculation. Satellite Congress, Proceeding from 4th World Congress for Microcirculation, Tuscon, AZ, 1987.
- \*Collins, J.G., Miller, F.N., Moore, R.L.: Application of vital fluorescent microscopy to the microcirculation of the hamster gingiva. AADR Abstract, *J. Dent. Res.* **66**: 315, 1987.
- \*Offenbacher, S., Soskolne, W.A., Collins, J.G., Van Dyke, T.E., Odle, B.M., Green, M.D. Biochemical Mediators of the Host Response in Periodontal Diseases. IADR Abstract, *J. Dent. Res.* **69**: 1322, 1990.
- \*Offenbacher, S., Collins, J.G., Arnold, R.R.: New Clinical diagnostic strategies based on pathogenesis of disease. *J. Periodont. Res.*, Conference Proceedings of the 9th International Conference on Periodontal Research, Osaka, Japan, 1992.
- \*Smith, M.A., Braswell, L.D., Collins, J.G., Boyd, D.L., Jeffcoat, M.K., Reddy, M., Li, K.L., Offenbacher, S. Inflammatory mediator changes in rhesus experimental periodontitis. AADR Abstract, *J. Dent. Res.* **71**: 1251, 1992.
- \*Collins, J.G., Heasman, P.A., Offenbacher, S. Changes in inflammatory mediators in human gingivitis. AADR Abstract, *J. Dent. Res.* **71**: 1248, 1992.
- \*Haradon, G.B., Collins, J.G. and Offenbacher, S. The effects of treatment on biochemical risk markers in periodontal diseases. AADR Abstract, *J. Dent. Res.* **72**: 645, 1993.
- \*Collins, J.G., Offenbacher, S. and Arnold, R.R. Effects of a combination therapy to eliminate *P. gingivalis* in refractory periodontitis. AADR Abstract, *J. Dent. Res.* **72**: 2051, 1993.
- \*Collins, J.G., Singer, R.E. and Offenbacher, S. Altered monocytic response traits in juvenile periodontitis and refractory patients. IADR Abstract, *J. Dent. Res.* **73**: 2338, 1994.
- \*Doyle, M.J., Buchanan, W., Kelm, G.R., Meredith, M.P., Nelson, S.L., Charles, T.T., Wehmeyer, K.R., Collins, J.G. and Offenbacher, S. Inhibition of PGE<sub>2</sub> with ketorolac rinses. IADR Abstract, *J. Dent. Res.* **73**: 125, 1994.
- \*Yalda, B., Collins, J.G., Arnold, R.R. and Offenbacher, S. Monocytic and crevicular fluid PGE<sub>2</sub> and IL-1β in diabetic patients. IADR Abstract, *J. Dent. Res.* **73**: 2337, 1994.

\*Windley, H.W., Collins, J.G., Arnold, R.R. and Offenbacher, S. Molecular mechanisms of *P. gingivalis*-induced pregnancy abnormalities in hamster model. IADR Abstract, *J. Dent. Res.* **73**: 702, 1994.

\*Collins, J.G., Kirtland, B.C., Arnold, R.R. and Offenbacher, S. Experimental periodontitis retards hamster fetal growth. AADR Abstract, *J Dent Res* **74**: 1171, 1995.

\*Salvi, G.E., Collins, J.G., Lang, N.P., Williams, R.C., Offenbacher, S. *In*: Proceedings of the 2<sup>nd</sup> European Workshop on Periodontology: Chemicals in Periodontics. N.P. Lang, Ed., Non-steroidal anti-inflammatory drugs (NSAIDS), Quintessence Publ., 1996, pp.174-191.

## **GRANTS**

**Previous Grants**      NIH - Neutrophil-Platelet Interactions in Periodontal Disease  
1K15DB00284-01  
Principal Investigator: John G. Collins (100% effort)  
Total Direct Costs \$301,038  
Dates of Project Period - 2/15/91 - 2/14/96

Procter & Gamble, Cincinnati, Ohio  
Studies of Host Susceptibility to Periodontal Diseases  
Principal Investigator: S. Offenbacher  
Co-investigator: John G. Collins  
Total Costs \$96,224