

## **PARTIAL CURRICULUM VITAE**

**Robert G. Schallhorn, D.D.S., M.S.**

Business Address: 11200 E. Mississippi Avenue  
Aurora, Colorado 80012

### **Professional Education:**

D.D.S.	Marquette University	1952-1956
Certificate of Periodontology	University of California	
M.S. in Biochemistry	University of California	

### **Specialty Board Certification:**

Diplomate, American Board of Periodontology

### **Licensed to Practice in :**

Colorado  
California  
Wisconsin

### **Private Practice:**

Cody Dental Group (University affiliation practitioner) 1969-1971.  
University of Colorado Faculty Practice 1971-1972.  
Independent Practitioner 1972-present.  
"Full-Time" Private Practice, 1976-2009.

### **Military Service:**

Dental Intern 1956-1957, Fitzsimons Army Hospital, Denver Colorado.  
Chief, Periodontia, & Endodontia 1957-1960, Fort Ord, California.  
Chief, Periodontia & Endodontia 1960-1963, Fort Richardson, Alaska.  
USARAL Preventive Dentistry Officer, 1961-1963.  
Chief, Periodontics Service 1965-1969, Fitzsimons General Hospital, Denver.  
Chief, Preventive Dentistry Service 1965-1969.  
Periodontist, (Colonel) U.S. Army Reserve 1970-1991.

### **Academic Appointments:**

Professor and Chairman of Periodontics, University of Colorado School of Dentistry  
1969-1976.  
Professor, Graduate School, University of Colorado 1969-1976.  
Clinical Professor, Department of Surgical Dentistry, University of Colorado School of  
Dentistry 1985-present.  
Research Professor, Department of Periodontics, University of Maryland Dental School  
1993-present.

### **Consultantships and Hospital Appointments:**

5th U.S. Army Consultant in Periodontics 1965-1969.  
Consultant and Chief of Periodontics, Denver General Hospital 1969-1976.  
Visiting Staff Member, Denver General Hospital 1970-1995.  
Courtesy Staff Member, Presbyterian Aurora Hospital 1986-2007.  
Consultant in Periodontics, Fitzsimons Army Medical Center, 1970-1989.  
National Consultant in Periodontics, Surgeon General, U.S. Air Force, 1971-1989.  
National Consultant Emeritus, Surgeon General, U.S. Air Force, 1989.  
Consultant in Periodontics, Veterans Administration Hospital 1970-1978.  
Consultant, National Institute for Dental Research, 1972-1976.  
Consultant to various firms and industries on intermittent basis, 1975-present.  
Editorial Consultant, The International Journal of Periodontics and Restorative Dentistry, 1981-present.  
Member, State (Colorado) Medical Assistance and Services Advisory Council, 1976-1979.  
Staff (1/8 time) Periodontist (Research), Veterans Administration Medical Center, Denver, 1978- 1985.  
Consultant, ADA Council on Scientific Affairs, 1998-present.

### **Awards:**

Gold Medal Award. American Academy of Periodontology 1989;  
R. Earl Robinson Periodontal Regeneration Award. American Academy of Periodontology 1989, 2004;  
Master Clinician Award. American Academy of Periodontology 1995;  
Metropolitan Denver Dental Society Excellence in Dentistry Award, 1996  
Distinguished Alumnus, U.C.S.F. School of Dentistry, 1999  
Presidential Award, American Academy of Periodontology, 2003  
Distinguished Alumnus Award, Marquette University School of Dentistry, 2004

### **Professional Organizations – Membership (Past/Present) :**

Metropolitan Denver Dental Society  
Colorado Dental Association  
American Dental Association  
Dental Materials Group, IADR  
Periodontal Research Group IADR  
International Association for Dental Research  
Columbine Periodontal Study Group  
Western Society of Periodontology  
American Academy of Periodontology  
Association of Military Surgeons  
Rocky Mountain Society of Periodontists  
American Association of Tissue Banks  
National Organization of Veterans Administration Periodontists  
Fellow, American College of Dentists  
American Academy of Restorative Dentistry  
Academy of Osseointegration

### **Positions Held in Organized Dentistry:**

American Academy of Periodontology: Committee on Education 1970-76; Committee on Nominations, 1971-72; 1973-74; Committee on Selection and Function of the Board, 1971-73; Subcommittee on Continuing Education, 1972-76; Ad Hoc Committee on Clinical Examination in Periodontics, 1972-74; Chairman, Continuing Education Program, 1974; Steering Committee Task Force on the Future Role of the Periodontist, 1975-79; Steering Committee for Monograph, 1976-80; Program Chairman, Annual Session, 1977; Committee on Research in Periodontology, 1978-81, Chairman 1979-81; Long Range Planning Committee 1978-80, 1985-86, Co-Chairman 1985-86; Ad Hoc Committee on Matters Related to Tissue Banks, 1979-87; Co-Chairman, committee on Pharmacotherapeutics, 1982-83; Ad Interim committee 1983-89, Chairman 1987-88; Committee on Budget and Audit, 1983-87, Chairman 1986-87; PPR Steering Committee 1983-86; Chairman, Committee on Personal Membership Matters, 1983-85; Secretary, 1983-85; Chairman, Ad Hoc Committee on Implantology, 1984-86 Subcommittee on Classification and Description of Periodontal Disease, 1984-85; Committee to Study the Restructuring of Committees, 1985-87; Subcommittee on Information Related to Periodontal Therapy, 1985-88; Chairman, Council on Research and Therapeutics, 1985-86; Program Committee, 1987 Annual Session; Search Committee for Executive Director, 1986; Vice President, 1985-86; Chairman, Council on Planning, Policy, Budget and Oversight, 1986-87; Chairman, Committee on Policy Manual, 1986-87; Public Communications Committee 1986-1988; Subcommittee on Professional Marketing 1986-87; President-Elect 1986-87; Subcommittee on Professional Partnership Program 1987-88; Orientation of New Members Committee, 1986-89; Chairman, Committee on Nominations, 1987-88; AAP-ADA Coordinating Committee, 1986-88; AAP-CAP Liaison Committee, 1986-88; Chairman, Search Committee for Editor of the *Journal of Periodontology*, 1988; Chairman, Ad Hoc Committee to Conduct a Performance Evaluation and Contract Renewal for the Executive Director, 1988; AAP-ABP Liaison committee, 1988; President 1987-88; Organizing Committee for a World Workshop in Clinical Periodontics 1988-89; Chairman, Ad Hoc Committee on Professional Liability Insurance 1988-89; Immediate Past President 1988-89; Restructuring of Committee, 1988-90; Ad Hoc Committee on Periodontal Screening and Education Program 1989- ; Ad Hoc Committee to Revise Accreditation Requirements 1989-92; Regional Spokesperson for AAP 1990- ; National Spokesperson for AAP 1990- ; Chairman, Ad Hoc Committee on Editor Contract Review, 1991; Ad Hoc Committee on Parameters of Care, 1991-93; Section Chairman (Regeneration), World Workshop in Periodontics 1995-96; Section Chairman (Regeneration), Clinical Trial Guidelines Workshop 1996; Organizing Committee for a Workshop on Clinical Significance 1998 - 2001; 1999 International Workshop for a Classification of Periodontal Diseases 1998 - 1999; Committee to Review the Editor's Contract for the 1999-2000 Academic Year, 1999 -2000. Member, Section on Tissue Engineering in the Management of Periodontal Disease and Dental Implants – Around the Natural Teeth, Section II. Workshop on Emerging Science in Clinical Periodontics: Tissue Engineering, Anti-infective Agents, and Host Modulation Factors, 2003. Chairman, Search Committee for the Editor 2005-06.

American Board of Periodontology: Director, 1974-80; Chairman, 1978-80.

Rocky Mountain Society of Periodontists: President, 1969-70.

F.S. McKay Section of the I.A.D.R.: Secretary, 1970-72.

American Dental Association: ADA Advisory Committee on Advanced Education in Periodontics, 1975-82, Chairman 1980-82.

ADA Council on Scientific Affairs, 1994 - 98.  
Consultant - ADA Council on Scientific Affairs, 1998 – present.

American Academy of Restorative Dentistry: Committee on Scientific Investigation,  
1984-90; Essay Committee, 1987-1989.

### **Research:**

Actively involved in dental research since 1954 with grants from federal and private agencies.

### **Publications:**

1. Hellström M-K.; McClain PK.; Schallhorn, RG; Bellis L.; Hanlon A; Ramberg P.; Local Minocycline As An Adjunct To Surgical Therapy In Moderate To Severe, Chronic Periodontitis. *J Clin Periodontol* 2008; 35: 525-531.
2. Bowers, G., Schallhorn, R., McClain, P., Morrison, G., Morgan, R., & Reynolds, M. Factors Influencing the Outcome of Regenerative Therapy in Mandibular Class II Furcations: Part I. *J. Periodontol.* 2003; 74: 1255-1268.
3. Carranza, F.A., McClain, P.K. and Schallhorn, R.G. Regenerative Osseous Surgery. Chapter 63, 804-824. *Clinical Periodontology, Ninth Edition.* 2002.
4. McClain, P.K. and Schallhorn, R.G.: Focus on Furcation Defects: Guided Tissue Regeneration in Combination with Bone Grafting. *Periodontology* 2000. 22:190-212, 2000.
5. McClain, P.K. and Schallhorn, R.G.: The Use of Combined Periodontal Regenerative Techniques. A Guest Editorial. *J Periodontol.* 1999;70:102-103.
6. Bowers, G.M., Schallhorn, R.G., McClain, P.K., Morgan, R., Salama, A., and Reynolds, M.A. Root Configuration and Defect Morphology Predict Regenerative Outcome Of Mandibular Class II Furcations. *Journal of Dental Research.* 1998;77 (Special Issue B), 796.
7. Machtei, E.E. and Schallhorn, R.G.: An evidence - based treatment approach. Successful regeneration of mandibular Class II furcation defects: *Int. J. Periodont. and Rest. Dent.* 15:146-167, 1995.
8. Schallhorn, R.G., and McClain, P.K.: Clinical and radiographic healing pattern observations with combined regenerative techniques. *Int. J. Periodont. and Rest. Dent.* 14:391 - 403, 1994.
9. Schallhorn, R.G., and McClain, P.K.: Periodontal regeneration using combined techniques. *Periodontology* 2000. 1:109-117, 1993.
10. McClain, P.K., and Schallhorn, R.G.: Long term assessment of combined osseous composite grafting, root conditioning, and guided tissues regeneration. *Int. J. Periodont. and Rest. Dent.* 13:9-27, 1993.
11. Vanooteghem, R., Hutchens, L.H., Bowers, G., Kramer, G., Schallhorn, R., Kiger, R., Crigger, M., and Egelberg, J.: Subjective criteria and probing attachment loss to evaluate the effects of plaque control and root debridement. *J. of Clin. Periodontology.* Vol. 17 No. 8; pp. 580-587, 1990.
12. Phillips, R. W.; Jendersen, M.D.; Klooster J.; McNeil, C.; Preston, J.D.; and Schallhorn, R.G.: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. *J. Prosthet. Dent.* 64:74, 1990.
13. Phillips, R.W.; Jendersen, M. D.; Klooster J.; McNeil, C.; Preston, J.D.; and Schallhorn, RAG.; Report of the Committee on Scientific Investigation of the American Academy for Restorative Dentistry. *J. Prosthet. Dent.* 62:70-109, 1989.
14. Schallhorn, R.G.; Periodontal therapy overview. *Int. J. of Prosthet.* 1:107, 1988.
15. Schallhorn, R.G. and McClain, P.K.; Combined osseous composite grafting, root conditioning, and guided tissue regeneration. *Int. J. Periodont. and Rest. Dent.* 4:9,

- 1988.
16. Jendersen, M.D.; Klooster, J.; McNeil, C.; Phillips, R.W.; and Schallhorn, R.G.; Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry (Periodontics 1987). *J. Prosthet. Dent.* 59:703, 1988.
  17. Nonsurgical antibacterial approaches to periodontal treatment. *J.A.D.A.* 116:22, 1988.
  18. Schallhorn, R.G.: Periodontics 1986. *J. Prosthet. Dent.* 57:738, 1987.
  19. Schallhorn, R.G.: Periodontics 1985. *J. Prosthet. Dent.* 55:736, 1986
  20. Schallhorn, R.G.: Incidence and prevalence of periodontal diseases. *J. Colo. Dent. Assn.* 64:4, 1985
  21. Schallhorn, R.G.; Periodontics 1984. *J. Prosthet. Dent.* 53:844, 1985.
  22. Renvert, S.; Garrett, S.; Schallhorn, R.; and Egelberg, J. : Healing after treatment of periodontal intraosseous defects. III. Effect of osseous grafting and citric acid conditioning. *J. Clin. Periodont.* 12:441, 1985.
  23. Bowers, G.M.; Schallhorn, R.G.; and Mellonig, J. T.: Histologic evaluation of new attachment in human intrabony defects. A literature review. *J. Periodont.* 53:509, 1982.
  24. Schallhorn, R.G.: Mucosal grafts (flaps) in pocket surgery. (Revised) in *Clinical Dentistry, Vol. 4*, Hagerstown, Maryland, Harper and Row, 1982.
  25. Schallhorn, R.G. and Snider, L.E.: Periodontal maintenance therapy. *J.A.D.A.* 103:227, 1980.
  26. Schallhorn, R.G.: Long term evaluation of osseous grafts in periodontal therapy. *Internat. Dent. J.*, 30:101, 1980.
  27. Hiatt, W.H.; Schallhorn, R.G.; and Aaronian, A.J.: The induction of new bone and cementum formation. IV. Microscopic examination of the periodontium following human bone and marrow allograft, autograft, and non-graft periodontal regenerative procedures. *J. Periodont.* 47:495, 1978.
  28. Schallhorn, R.G.; Present status of osseous grafting procedures. *J. Periodont.* 48:570, 1977.
  29. Schallhorn, R.G.: Mucosal grafts (flaps) in pocket surgery. In *Clinical Dentistry Vol 3*, Hagerston, Maryland, Harper and Row, 1976.
  30. Schallhorn, R.G.: Osseous grafts in the treatment of periodontal osseous defects. In *Periodontal Surgery - A Current Evaluation*. Springfield, Illinois, Chas. C. Thomas, 1976.
  31. Schallhorn, R.G.: Management of interdental osseous craters between the mandibular first and second molars. In *Current Therapy in Dentistry*. St. Louis, C.V. Mosby Co., 1974.
  32. Schallhorn, R.G.; Unpreventable periodontal deformities (when periodontal deformities aren't preventable). *Dental Survey*, December, 1973, p.32.
  33. Schallhorn, R.G.: Correction of periodontal osseous defects by bony transplants. In the American Institute of Oral Sciences Annual Meeting Report. January, 1973.
  34. Schallhorn, R.G.: Biological principles of bony transplants. In the American Institute of Oral Sciences Annual Meeting Report. January 1973.
  35. Schallhorn, R.G.: The role of iliac transplants in the practice of periodontics. In *A Periodontic Point of View*. Springfield, Illinois, Chas. C. Thomas, 1973, pp.233-275.
  36. Hiatt, W.H. and Schallhorn, R.G.: Intraoral transplants of cancellous bone and marrow in periodontal lesions. *J. Periodont* 44:192-208, 1973.
  37. Schallhorn R.G. and Hiatt, W.H.: Human allografts of iliac cancellous bone and marrow in periodontal osseous defects. II. Clinical observation. *J. Periodont.* 42:67, 1971.
  38. Hiatt, W.H. and Schallhorn, R.G.: Human allografts of iliac cancellous bone and marrow in periodontal osseous defects. I. Rationale and methodology. *J. Periodont.* 42:642, 1971.
  39. Schallhorn, R.G.: Postoperative problems associated with iliac transplants. *J. Periodont.* 43:3, 1972.
  40. Schallhorn, R.G.; Hiatt, W.H.; and Boyce, W.: Iliac transplant in periodontal therapy. *J. Periodont.* 41:560, 1970.
  41. Schallhorn, R.G.: In order to secure "fill" in osseous defects, is it necessary or desirable to "plane" the exposed root surfaces until they are hard and smooth to the touch? *J. Periodont.* 41:419, 1970.

42. Schallhorn R.G.: The use of autogenous hip marrow biopsy implants for bony crater defects. *J. Periodont.* 39:145-147, 1968.
43. Schallhorn, R.G.; Eradication of bifurcation defects utilizing frozen autogenous hip marrow implants. *Periodont. Abstr.* 15:101-105, 1967.
44. Schallhorn, R.G.: Diabetes mellitus and periodontal disease. *Periodont. Abstr.* 14:9-12, 1966.
45. Schallhorn R.G.: A study of the arbitrary center and the kinematic center of rotation for face-bow mounting. *J Prosthet. Dent.* 7:162-169, 1957.
46. Fairhurst, C.W.; Furman, T.C.; Schallhorn, R.G.; Kirkpatrick, E.L.; and Ryge, G.: Elastic properties of rubber base impression materials. *J. Prosthet. Dent.* 6:534-542, 1956.

**Lectures, Essays, Continuing Education Programs:**

More than 500 presentations to various professional groups at local, state, national and international levels.