

## CURRICULUM VITAE

**Name:** Betsy K. Davis, DMD, MS  
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**Citizenship and/or Visa Information:** United States of America

**Education** (Begin with Baccalaureate Degree):

<i>Institution/Location</i>	<i>Years</i>	<i>Degree/Date</i>	<i>Field of Study</i>
Wofford College/Spartanburg SC	1979-1983	B.S./1983	Biology (Cum Laude)
Medical Univ. of SC/Charleston SC	1983-1987	D.M.D./1987	Dentistry
University of Iowa/Iowa City IA	1987-1989	M.S./1989	Prosthodontics

**Internship:** Not Applicable

**Residencies or Post Doctoral:**

University of Iowa/Iowa City IA	1987-1989	Certificate/1989	Prosthodontics
M.D. Anderson Cancer Center/ Houston TX	1992-1993	Certificate/1993	Maxillofacial Prosthetics
UCLA Medical Center/Los Angeles CA	1993-1994	Certificate/1994	Maxillofacial Prosthetics & Implant Dentistry

**Specialty/Board Certification and Fellowships:** Educationally Qualified, American Board of Prosthodontics Fellow, American Academy of Maxillofacial Prosthetics

**Licensure:** South Carolina Dental Board 1987-present

**Military Service:** Not Applicable

**Faculty Appointments** (Begin with initial appointment):

<i>Years</i>	<i>Rank</i>	<i>Institution</i>	<i>Department</i>
1989-1992	Assistant Professor	Ohio State Univ.	Section of Restorative Dentistry, Prosthodontics, Endodontics
1994-1995	Asst. Prof.	MUSC	Prosthodontics (primary) Otolaryngology - Head & Neck Surgery (Secondary)
1995-2001	Asst. Prof.	MUSC	Prosthodontics (secondary)
1995-2002	Asst. Prof.	MUSC	Otolaryngology - Head & Neck Surgery (primary)
2002-present	Assoc. Prof.	MUSC	Otolaryngology - Head & Neck Surgery (primary)
2002-present	Assoc. Prof.	MUSC	Oral & Maxillofacial Surgery (secondary)
2006-present	Adjunct Professor	Clemson University	Bioengineering
2006-present	Assoc. Professor	MUSC	College of Graduate Studies

**Administrative Appointments:**

<i>Years</i>	<i>Position</i>	<i>Institution</i>	<i>Department</i>
1994-present	Director	MUSC	Division of Maxillofacial Prosthodontics Department of Otolaryngology- Head & Neck Surgery (primary) College of Medicine/ Department of Oral & Maxillofacial Surgery (secondary) College of Dental Medicine

**Hospital Appointments/Privileges:**

<i>Years</i>	<i>Active/Inactive</i>	<i>Institution</i>
1995-present	Active	Medical University of South Carolina, Charleston SC

**Other Experience:**

<i>Years</i>	<i>Position</i>	<i>Institution</i>	<i>Department</i>
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1987-1988	Clinical Instructor Teaching Assistant	Univ. of Iowa Univ. of Iowa	Prosthodontics Prosthodontics
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**Membership in professional/scientific societies (include offices held):**

- Academy of Osseointegration
- American Academy of Maxillofacial Prosthetics
- American College of Prosthodontists
- American Dental Association
- Charleston Dental Society
- International College of Prosthodontists
- International Society of Maxillofacial Rehabilitation, Board of Directors (2006-present)
- University Medical Associates, (member Product Advisory Committee 1998-present)
- Yul Brynner Society (2000-present)
- HCC American Cancer Society Institutional Research Grant (ACS IRG) Committee Member (2003-2006)
- American College of Prosthodontists, Graduate Student Recruitment Subcommittee (2004-present)
- American College of Prosthodontists, Reviewer for the Glossary of Prosthodontics
- International Academy of Dentistry
- Selected to be in the Consumers' Research Council of America in their publication of the "Guide to America's Top Dentists", 2006 and 2007 and 2008
- American Academy of Maxillofacial Prosthetics: Insurance Committee, Memorial Committee, Website Committee.
- American Academy of Dental Sleep Medicine

**Editorial Positions:**

- Section Editor: Clinical Science, International Journal of Anaplastology, 2006-present.
- International Editorial Board: Design, Materials Selection, and Technique, Everest Publishing 2007-present

**Extramural Grants/award amount (current and past):**

Principal Investigator (Current to Past):

- Center for Functional Outcomes and Reconstructive Biotechnology, Funded by the NIH T32 Grant, NIH/NCRR Project # P20RRO17699, U24 Grant, \$50,000,2007 .
- Center for Functional Outcomes and Reconstructive Biotechnology, Funded by NIH Grant #P20RRO16461 and South Carolina INBRE Program, \$50,000, 2007.
- "Stress Distributions of Implants Used for Retention of Maxillary Obturators". Funded by Implant Innovations. 100% effort. 1993-1994.
- "The Effect of Various Primers on Bond Strength of Polyurethane to Silicone Elastomer." Federation of Prosthodontic Educational Grant. 100% effort. 1992-1993.
- "Dependence of Tristimulus Values Upon Porcelain Translucency and Colorimeter Geometry." OSU College of Dentistry's Research Committee \$2,448.30, Vident Company \$6,200, Coltene Whaledent Company \$3,876. 75% effort. 1990-1991.
- "Standardization of Porcelain Veneer Shade Selection." Ohio State University Seed Grant Funding \$10,000, Accoe Company \$300, Ceramco Company \$906.50, Caulk/Dentsply Company \$2,747.90, Kerr/Sybron Company \$180. 100% effort. 1990.
- "The Effect of Porcelain Veneer Opacity on the Resultant Color of the Veneer Substrate System. Funding from the University of Iowa. 100% effort. 1987-1989.
- "The Effect of Cholesterol on the Heart in New Zealand Rabbits" Funding from the SC Junior Academy of Science, Stevens Foundation, and the Medical Auxiliary Society.. 1976-1979. 100% effort.
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Co-Investigator (Current to Past):

- "Application of the Kubelka-Munk Theory to the Porcelain Veneer System." College of Dental Research \$2,408.80. 40% effort, Second Investigator. 1990.
- "Application of the Kubelka-Munk Theory to the Porcelain Veneer System." National Institute of Health. \$1,900. 40% effort, Student Internship. 1990.
- "Standardization of Porcelain Veneer Shade Selection." OSU College of Dentistry Internal Student Assistantships. \$3000. 40% effort. 1990.

**Intramural Grants/amount of award:**

- \$250,000 from the Tobacco Money, SC State Legislature (Budget year 2000-2001)
- \$600,000 Medicaid contract amount for Budget year 2000-2001
- \$10,000 Health Science Foundation and Stevens Foundation for development of Maxillofacial Prosthodontic Brochure (2000)
- \$250,000 from the South Carolina Department of Health and Human Services (Directed by the SC Legislature) (Recurring monies from state have been awarded annually), Budget year 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008
- \$600,000 Medicaid contract amount for Budget year 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008 (Annual Contract)

Raised \$100,000 for the Maxillofacial room at Hollings Cancer Center

Raised \$35,000 Center for Functional Outcomes and Reconstructive Biotechnology.

**Awards, Honors, Membership in Honorary Societies:**

- Awarded trip to present high school science project on "The Effect of Cholesterol on the Heart in New Zealand Rabbits" to the American Academy of Science (1978), Houston Texas
- Awarded fourth place at the International Science and Engineering Fair in Anaheim, California for high school research project "The Effect of Cholesterol on the Heart in New Zealand Rabbits", 1979
- Awarded the Anna Todd Wofford Scholarship at Wofford College, Spartanburg, SC
- Blue Key National Honor and Leadership Fraternity (1985), Wofford College, Spartanburg SC
- Feature Editor (1986-1987), American Student Dental Association
- Recipient of the American Equilibration Society Award (1987), MUSC, Charleston SC
- Recipient of the Psi Omega Fraternal Achievement Award (1987), MUSC, Charleston SC
- Chosen by the Dean of the College of Dentistry, Ohio State University to represent faculty on the Professionalism Committee (1989-1991)
- Elected by the Ohio State Dental Student Body to be their Advisor for the Ohio Section of the American Student Dental Association (1991-1992)
- Recipient of the American Cancer Society Scholarship Award, M.D. Anderson Cancer Center, Houston TX (1992-1993)
- Recipient of the Young Alumna Award (1996), Wofford College, Spartanburg, SC
- International Who's Who Among Professionals (1998)
- Elected member of the Certification Committee for the American Anaplastology Association (1999)
- U.S. Patent #6,098,627 Bite Block Protecting Mouth of Patient during Electroconvulsive Therapy (2000)
- National Register's Who's Who in Executives & Professionals, 2001-2002
- International Academy of Dentistry, Invitation only, Selected for service to mankind
- Selected to be in the Consumers' Research Council of America in their publication of the "Guide to America's Top Dentists"
- Board of Directors, International Society for Maxillofacial Rehabilitation
- Board of Directors, American Academy of Maxillofacial Prosthetics

**Academic Committee Activities (past 5 years):**

- Member, Product Advisory Committee, Ambulatory Care, University Medical Associates (1998-present)
- Graduate Student Recruitment Subcommittee, The American College of Prosthodontics (2003- present)
- HCC American Cancer Society Institutional Research Grant (ACS IRG) Committee Member (2003-2006)
- Chairperson, American Academy of Maxillofacial Prosthetics Memorial Committee
- Member, American Academy of Maxillofacial Prosthetics Insurance Committee
- Member, Scientific Advisory Committee, Advanced Digital Technology in Head and Neck Reconstruction, 2006 and 2008.
- Member, Scientific Advisory Committee, International Congress on Preprosthetic and Reconstructive Surgery
- Member, Scientific Advisory Committee, International Society for Maxillofacial Rehabilitation, 2006
- Member, Scientific Advisory Committee, International Conference on Reconstructive Preprosthetic Surgery, 2007
- Member, Admissions Committee, College of Dental Medicine, MUSC, 2006-2007.
- Member, Scientific Advisory Committee, International Symposium on Craniofacial Osseointegration, 2009
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**Major Teaching Responsibilities (Current):**

Undergraduate Medical Education:

Interaction in operating room and clinics

Undergraduate Dental Medicine Education:

Lecturer: Advanced Restorative Techniques, Maxillofacial Prosthodontics

Lecturer: Implant Dentistry Course, Craniofacial Implants

Lecturer: Oral Surgery Course, Side Effects of Radiation Treatment

Director, Maxillofacial Prosthodontic Elective

Graduate Medical Education:

Lecturer: Grand Rounds: Rehabilitative Medicine

Lecturer: Grand Rounds, Head and Neck Surgery

Lecturer: Head and Neck Tumor Board

Lecturer: Department of Radiation Therapy Conference

Lecturer: Head and Neck Didactic Courses: Restoration of Acquired Defects of the Mandible, Prosthodontic Implications of Trauma, Restoration of Facial Defects, Cranial and Facial Implants, Oral Side Effects of Radiation Therapy

Graduate Dental Medicine Education:

Lecturer: Treatment Planning Principles of Implant Dentistry

Department of Oral & Maxillofacial Surgery/Resident Series

College of Health Professions:

Lecturer: The Role of Maxillofacial Prosthodontics as related to Speech & Swallowing

**Major Clinical Interests and Responsibilities:**

- Director, Maxillofacial Prosthodontic Clinic
- Head and Neck Cancer:
  - Effect of Prostheses during Speech and Swallowing
  - Implant Restoration in Free Tissue Transfers/Setting the Maxillomandibular Relationship
  - Oral Side Effects of Radiation Therapy (xerostomia and new drug modalities)
- Head and Neck Trauma:
  - Role of Splints in Jaw Reconstruction for the Maxillomandibular Relationship
- Dental Implants:
  - Edentulous, Partial Edentulous, and Single Tooth Treatment
- Facial Aesthetics:
  - Interaction of Facial Aesthetics with Dental Aesthetics
- Congenital Defects:
  - Nasoalveolar Molding for Cleft Palate Patients

**Major Research Interests with Students and Responsibilities:**

**Mentored 2 College of Dental Medicine Students during the summer of 2006:**

- Smith A, Davis B, Bandyopadhyay D, Brodsky MB, Martin-Harris B, Grasso K: Masticatory Efficiency and Facial Appearance Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. MUSC Student Research Day, November 2006.
- Grasso K, Davis B, Brodsky MB, Bandyopadhyay D, Martin-Harris B, Smith A: Quality of Life and Swallowing Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. MUSC Student Research Day, November 2006. **Second Place**

**Mentored 1 College of Dental Medicine Student during the summer of 2007:**

Reece G, Davis B, Yao H, et al.: Mandibular Movement and Chewing Efficiency of Patients without Surgical Reconstruction: in progress.

**Lectures and Presentations (Past 3 years)**

Invited lectures and presentations:

- Davis BK: "Maxillofacial Prosthodontics." Department of Otolaryngology/Head and Neck Surgery, Arkansas Medical Center, Little Rock Arkansas, 1998.

- Davis BK: "Maxillofacial Prosthodontics." Greenwood Dental Society, Greenwood SC, 2000.
- Davis BK: "Maxillofacial Prosthodontics." Spartanburg Dental Society, Spartanburg SC 2000.
- Davis BK: "Maxillofacial Prost
- hodontics." Tri-County Anderson Dental Society, Clemson SC 2000.
- Davis BK: "Maxillofacial Prosthodontics." Beaufort Dental Society, Beaufort SC 2000.
- Davis BK: "Maxillofacial Prosthodontics." Charleston Dental Society, Charleston SC 2000.
- Davis BK: "Successful Treatment Planning Principles for Restorative Implant Procedures", MUSC College of Dental Medicine Continuing Education, Charleston SC 2000.
- Davis BK: "Treatment Planning Considerations for Mandibular Implant Overdentures." American College of Prosthodontists Annual Meeting, Kona Hawaii, 2000.
- Davis BK: "Dental Issues." International Association of Laryngectomees Annual Meeting & Voice Institute, Myrtle Beach, SC 2001.
- Davis BK: "Maxillofacial Prosthodontics." Annual Meeting of the South Carolina Dental Hygiene Association, Hilton Head SC 2001.
- Davis BK: "Treatment Planning Principles for Implants in the Edentulous Maxillectomy Patient." American Academy of Maxillofacial Prosthetics, Orlando Florida, 2002.
- Davis BK: Discussion on Bisphosphonate Associated Osteonecrosis, Proctor & Gamble, Charleston SC, Columbia SC, Raleigh NC, Greenville SC, Asheville NC, and Beaufort SC, 2006.
- Davis BK: An Overview of Maxillofacial Prosthetics, Carl O. Boucher Conference, Columbus Ohio, April 2006.
- Davis BK, Grasso K, Smith: Functional Outcomes of Prosthetic and Surgical Reconstruction of Maxillary Defects. International Congress on Maxillofacial Rehabilitation and American Academy of Maxillofacial Prosthetics, Hawaii October 2006.
- Davis BK: Discussion on Bisphosphonate Associated Osteonecrosis, Charleston Dental Hygiene Association, February 2007.
- Davis BK: Discussion on Bisphosphonate Associated Osteonecrosis, North Carolina Rheumatology Association, Asheville NC, April 2007.
- Davis BK: Center for Functional Outcomes and Reconstructive Biotechnology, Head & Neck Cancer Awareness Luncheon, Hollings Cancer Center, April 2007.
- Day TA, Davis BK, Horni J, et al.: Oral Cavity Reconstruction: An Integrative Approach with Prosthodontics, International Academy of Oral Oncology, May 2007.
- Davis BK: Integration of the Craniofacial Patient into a Maxillofacial Prosthodontic Practice: The MUSC Experience. American Academy of Maxillofacial Prosthetics, October 2007.
- Davis, BK: Maxillary Reconstruction: Surgical or Prosthetic Rehabilitation, International Society for Maxillofacial Rehabilitation, September, 2008.

#### **Submitted & Accepted Presentations:**

- Davis B, Roumanas E, Nishimura R, Caputo A: "Implant Retention Bars in Maxillary Defects." Third International Congress on Maxillofacial Prosthetics, Torino Italy, 1998.
- Davis BK, Roumanas ED, Nishimura RD, Hood K: "Prosthetic-Surgical Collaborations in the Rehabilitation of Patients with Head and Neck Defects." 10<sup>th</sup> International Symposium of Surgical Prosthetics and Epithetics and 13<sup>th</sup> Annual Conference of the American Anaplastology Association, Linz Austria, 1998.
- Hood K, Davis BK: "Prosthetic Auricular Reconstruction of a Goldenhar's Syndrome Patient." 10<sup>th</sup> International Symposium of Surgical Prosthetics and Epithetics and 13<sup>th</sup> Annual Conference of the American Anaplastology Association, Linz Austria, 1998.
- Davis B, Gallagher C, Lamb N: "Splint Fabrication Technique for Bone Grafting Guide." 8<sup>th</sup> International Congress on Preprosthetic and Reconstructive Surgery, San Diego California, 1999.
- Davis BK: "A Review of Currently Used Materials for Maxillofacial Prosthetics: Combining Art and Science." 14<sup>th</sup> Annual Conference of the American Anaplastology Association, Toronto Canada, 1999.
- Davis BK: "Treatment Planning Considerations for Mandibular Implant Overdentures". International College of Prosthodontists, Sydney Australia, 2001 (cancelled due to terrorists attacks).
- Davis, BK: "Implant Bar Design in Edentulous Maxillectomy Patients". International Congress on Maxillofacial Rehabilitation, Maastricht Netherlands, 2004.

- Davis, BK: Treatment Planning Considerations for the Rehabilitation of the Maxillectomy Patient. 6<sup>th</sup> International Conference on Head and Neck Cancer, Washington DC 2004.
- Davis, BK: "The MUSC Experience: Lessons Learned in Starting a Maxillofacial Prosthodontic Clinic from the Beginning". American Academy of Maxillofacial Prosthetics, Ottawa, Canada. 2004.
- Davis BK, Day TA, Gillespie MB, Martin Harris B, Hornig J: Multi-Disciplinary Approach to Three Dimensional Modeling in Head and Neck Reconstruction. Advanced Digital Technology in Head and Neck Reconstruction, Banff Canada March 2005.
- Day T, Davis BK, et al.: Experience with Three Dimensional Modeling in Head and Neck Reconstruction, Advanced Digital Technology in Head and Neck Reconstruction. Banff Canada March 2005.
- Davis BK, Emert R, Attaway B, et al. The Use of Medical Imaging and Rapid Prototyping in Prosthetic Auricular Reconstruction. International Congress on Maxillofacial Rehabilitation and American Academy of Maxillofacial Prosthetics, Hawaii October 2006.
- Smith A, Davis B, Bandyopadhyay D, Brodsky MB, Martin-Harris B, Grasso K: Masticatory Efficiency and Facial Appearance Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. International Society on Maxillofacial Rehabilitation and American Academy of Maxillofacial Prosthetics, Hawaii October 2006.
- Grasso K, Davis B, Brodsky MB, Bandyopadhyay D, Martin-Harris B, Smith A: Quality of Life and Swallowing Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. International Society on Maxillofacial Rehabilitation and American Academy of Maxillofacial Prosthetics, Hawaii October 2006.
- Smith A, Davis B, Bandyopadhyay D, Brodsky MB, Martin-Harris B, Grasso K: Masticatory Efficiency and Facial Appearance Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. MUSC Student Research Day, November 2006.
- Grasso K, Davis B, Brodsky MB, Bandyopadhyay D, Martin-Harris B, Smith A: Quality of Life and Swallowing Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. MUSC Student Research Day, November 2006. **Second Place**
- Reece, Gregory, Davis B: Normative Mandibular Movements. MUSC Student Research Day, November 2007.
- Smith A, Davis B, Bandyopadhyay D, Brodsky MB, Martin-Harris B, Grasso K: Masticatory Efficiency and Facial Appearance Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. 7<sup>th</sup> International Conference on Head & Neck Cancer, San Francisco July 2008 .
- Grasso K, Davis B, Brodsky MB, Bandyopadhyay D, Martin-Harris B, Smith A: Quality of Life and Swallowing Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. 7<sup>th</sup> International Conference on Head & Neck Cancer, San Francisco July 2008.
- Reece, Gregory, Davis B: Normative Mandibular Movements. 7<sup>th</sup> International Conference on Head & Neck Cancer, San Francisco July 2008.
- Davis B, Hodgkins D: Patient Education in the Maxillofacial Prosthodontic Setting. 7<sup>th</sup> International Conference on Head & Neck Cancer, San Francisco July 2008.

#### **Community Service:**

- Lectured to the Art Department, College of Charleston for the Yul Brynner Foundation. Financial Sponsor (\$200) of the Yul Brynner Art Contest, 2000.
- Volunteer at the Migrant Workers' Free Dental Clinic Annual Participation.
- Raised \$1,500 for the Leukemia/Lymphoma Society by participating in the Half-Marathon, 2000.
- Raised \$1,400 for the Muscular Dystrophy Association, 2001.

#### **Publications:**

##### Peer Reviewed Journal Articles:

- Davis, B.K., Aquilino, S.A., Lund, P.S., Diaz-Arnold, A.M., Denehy, G.E. (1990). Subjective Evaluation of the Effect of Porcelain Opacity on the Resultant Color of Porcelain Veneers. *The International Journal of Prosthodontics*. 3(6):567-572.
- Linden, J.J., Swift Jr., E.J., Boyer, D.B., Davis, B.K. (1991). Photo-Activation of Resin Cements Through Porcelain Veneers. *Journal of Dental Research*. 70(2):154-157.
- Davis, B.K., Aquilino, S.A., Lund, P.S., Diaz-Arnold, A.M., Denehy, G.E. (1992). Colorimetric Evaluation of the Effect of Porcelain Opacity on the Resultant Color of Porcelain Veneers. *The International Journal of Prosthodontics*. 5(2):130-136.

- Davis, B.K., Johnson, W.M., & Saba, R.F. (1994). Kubelka-Munk Theory Applied to Porcelain Veneer Systems Using a Colorimeter. *The International Journal of Prosthodontics*. 7(3):227-233.
- Davis, B.K., Roumanas, E.D., Caputo, A.A., Hong, S-H, Nishimura, R. (1995). Stress Distributions on Implants Used for Retention of Maxillary Obturators. Proceedings of the *First International Congress on Maxillofacial Prosthetics*. 204-208.
- Johnson, W.M., Hesse, N.S., Davis, B.K., Seghi, R.R. (1996). Analysis of Edge-Losses in Reflectance Measurements of Pigmented Maxillofacial Elastomer. *Journal of Dental Research*. 75(2):752-760.
- Roumanas, E.D., Nishimura, R.D., Davis, B.K., Beumer, J. (1997). Clinical Evaluation of Implants Retaining Edentulous Maxillary Obturator Prostheses. *Journal of Prosthetic Dentistry*. 77(2):184-190.
- Davis, B.K., Roumanas, E.D., Nishimura, R.D. (1997). Prosthetic-Surgical Collaborations in the Rehabilitation of Patients with Head and Neck Defects. *Otolaryngologic Clinics of North America*. 30(4):631-645.
- Osguthorpe, J.D., Hochman, M., Weber, P., Davis, B. (1998). Head and Neck Oncology: What's New. *Journal of the South Carolina Medical Association*. 94:279-280.
- Weber, P.C., Davis, B., Adkins Jr., W.Y. (1999). Canal Atresia Reconstruction with Dental Impression Material. *American Journal of Otolaryngology*. 20(4):236-240.
- Day, T., Davis, B.K. (2001). Skull Base Reconstruction and Rehabilitation. *Otolaryngologic Clinics of North America*. 34(6):1241-57.
- Dunlap D, Bach DE, Davis B: Endosseous Implants in Maxillofacial Reconstruction. Supplement Outline to *Journal of Oral/Maxillofacial Surgery*. Vol. 60, October 2002.
- Day T.A., Davis B.K., Gillespie M.B., Joe J.K., et al (2003). Oral Cancer Treatment. *Current Treatment Options in Oncology*. 4(1):27-41.
- Davis B.K (2006).: Dental Aesthetics and the Aging Patient (2006). *Facial Plastic Surgery*. 22(2):154-160.
- Emert R., Davis B.K., Pehlivan S., et. al. (2007): The Use of Medical Imaging and Rapid Prototyping Technologies in Prosthetic Auricular Fabrication, *Journal of Prosthodontics*, Submitted and accepted.
- Watkins JM, Stuart RK, Davis BK, Day TA, Chaudhary UB, Sharma AK. Long-term survival following salvage reirradiation with concurrent chemotherapy for recurrent head and neck cancer. *J South Carol Med Assoc*, 2008;104:36-39.
- Smith A, Davis B, Bandyopadhyay D, Brodsky MB, Martin-Harris B, Grasso K: Masticatory Efficiency and Facial Appearance Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. *In progress*.
- Grasso K, Davis B, Brodsky MB, Bandyopadhyay D, Martin-Harris B, Smith A: Quality of Life and Swallowing Outcomes of Prosthetic Obturation and Surgical Reconstruction of Maxillary Defects. *In progress*
- Reece, Gregory, Davis B: Normative Mandibular Movements. *In progress*
- Davis B, Hodgkins D: Patient Education in the Maxillofacial Prosthodontic Setting. *In progress*.

Non- Peer Reviewed:

- Davis, B.K. (1978). The Effect of Cholesterol on the Heart in New Zealand Rabbits. Proceedings of the 29<sup>th</sup> *International Science and Engineering Fair*.
- Davis, B.K. (1979). The Effect of Cholesterol on the Heart in New Zealand Rabbits. Proceedings of the *American Academy of Science*.
- Davis, B.K. & Pearce, M. (1987). A Life of My Own, Thank You – What Dental Students do When They're Not in School. *Dentistry* 87(7):1:17-21.

Scholarly Books and Monographs:

Chapters in Scholarly Books and Monographs

- Davis, BK and Roumanas, ED :Dental and Prosthetic Reconstruction of the Oral Cavity. In T. Day, *Oral Cavity Reconstruction*, New York, Marcel Dekker, Inc. 2006.
- Davis, BK: The Use of Technology in Maxillofacial Rehabilitation: in Boland T: *Rapid Prototyping and Cell Printing*, In Progress
- .

Peer Reviewed Electronic Publications:

Davis B: Bisphosphonates and Osteonecrosis, P&G website

Non-Peer Reviewed Electronic Publications: Not applicable

Other Publications: (e.g., newspapers and magazines)

- 1996. UCLA Prosthodontist Praises Clinic Set-Up. The Catalyst, June 21, 1996.
- 1999. No Longer Forgotten. The Catalyst. May 21, 1999.
- 2000. A Ravaged Face Now Smiles With Grace. The State Newspaper, November 5, 2000.
- 2000. Woman Rebuilds Faces, Lives. The Myrtle Beach Sun Times, November 6, 2000.
- 2001. New Prosthetics Offer Teenager a New-Found Pride in his Appearance, May 9, 2001.
- 2003. When others give up, Davis asks, “Why not the best?”, The Catalyst, August 29, 2003.
- 2004. High Profile: Dr. Betsy Davis, Post and Courier, November 2004.
- 2007. MUSC, Clemson Team Up To Improve Outcome Of Prosthetic Ears And Noses, Medical News Today News Article, 13 Feb 2007.
- 2007. MUSC, Clemson Team Up to Improve Outcome of Prosthetic Ears and Noses, The Catalyst, February 2, 2007.
- 2007. MUSC, Clemson Team Team Up to Improve Outcome of Prosthetic Ears and Noses, Ivanhoe National Broadcasting Company, May 2007
- 2007 Technology Meets Medicine and Art, Post and Courier, November 26, 2007.
- 2007 Technology Meets Medicine and Art, The Greenville News, December 18, 2007.
- 2007 Best Face Forward, Heal Magazine (pages 23—25,78), Vol.1(3), Winter 2007.
- 2008 High Beam Taking an Interdisciplinary Approach to Smile Aesthetics (pages 18-22), May 2008.

05/2008