

# SUSPENSION

## CURRICULUM VITAE WESLEY L. HICKS JR., D.D.S., M.D., F.A.C.S.

### PROFESSIONAL ADDRESS

Professor of Otolaryngology Head and Neck Surgery  
Professor of Neurosurgery  
Professor of Biomedical Engineering  
State University of New York at Buffalo  
Department of Head & Neck Surgery and Oncology  
Roswell Park Cancer Institute  
Elm and Carlton Streets  
Buffalo, NY 14263  
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### HOME ADDRESS

9714 Erie Road  
Angola, NY 14006  
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### EDUCATION

State University of New York at Buffalo, School of Medicine, M.D.

Meharry Medical College, School of Dentistry, D.D.S.

Cornell University, College of Arts & Science, B.A. History

### **Post Doctoral Training**

Fellow: Stanford University Medical Center, Head & Neck Surgery (1990 - 1991)

Resident: Manhattan Eye, Ear and Throat Hospital, New York Hospital - Cornell Medical Center, Memorial Sloan Kettering Cancer Center in Otolaryngology, Head & Neck Surgery (1987 - 1990)

Resident: State University of New York at Buffalo Department of Pathology, Anatomical Pathology (1986 - 1987)

Resident: State University of New York at Buffalo Department of Surgery (1985 - 1986)

### **Research Training**

1988 - 1990

Research Fellow - Memorial Sloan Kettering Cancer Center Project: In Vitro Growth of Respiratory Epithelium, New York, NY. Advisor: Anthony Albino, Ph.D.

1980 - 1981

Research Fellow - Department of Anatomy, School of Medicine, State University of New York at Buffalo. Advisor: Frank Mendell, Ph.D.

1977 - 1979

Research Assistant - Meharry Medical College Project to study Pathologic Renal Changes in Spontaneously Hypertensive Laboratory Rats, Nashville, TN. Advisor: B. R. Ballard, M.D.

**Administrative Education**

The Wharton School - University of Pennsylvania: Management Development for Physicians, November 1998

***BOARDS & CERTIFICATIONS***

**State Licensure**

California Board of Medical Examiners, Licensed Calif. 1990, (G-68427)

New York Board of Medical Examiners, Licensed N.Y.S. 1987, (170-384)

North East Board of Dental Examiners Licensed N.Y.S. 1980, (035579)

**Specialty Board Certification**

Diplomate of the American Board of Otolaryngology, 1992

**National Boards**

National Board of Medical Examiners, 1984

National Board Dental Examiners, 1979

**PROFESSIONAL APPOINTMENTS**

**Academic**

**Professor:** Department of Otolaryngology Head and Neck Surgery/Neurosurgery and Bioengineering, State University of New York at Buffalo, July 2005 - present

**Associate Professor:** Department of Otolaryngology Head and Neck Surgery, State University of New York at Buffalo, 1998 - 2004

**Adjunct Clinical Assistant Professor:** Department of Otolaryngology Head and Neck Surgery, Cornell University Medical Center, 1992 - present

**Assistant Professor:** Department of Otolaryngology Head and Neck Surgery, State University of New York at Buffalo, 1992 - 1997

**Professional**

**Attending Surgeon:** Department of Head and Neck Surgery, Roswell Park Cancer Institute, 1991 - present

**Clinical Instructor:** State University of New York at Buffalo School of Dentistry, Department of Oral Pathology, 1984 - 1985

**Current Administrative Responsibilities**

**Chair:** Department of Head and Neck Surgery/Plastic and Reconstructive Surgery, Roswell Park Cancer Institute, 2011 – present

**Member,** Board of Directors, Buffalo Urban League, June 23, 2011 – June, 2014.

**Vice President,** Medical Union, 2007 - 2008

**Board of Directors,** Health Now New York Inc., Blue Cross/Blue Shield New York State, Director April 2006 - present

**President,** Buffalo Chapter of the National Medical Association, September 2004 - 2010

**Program Director,** Head and Neck Surgical Oncology Fellowship Program at Roswell Park Cancer Institute, October 1998 - present

**Administrative**

**Secretary-Treasurer,** Medical Union, January 2006 - 2007

**Vice President,** Buffalo Chapter of the National Medical Association, September 2002 - 2004

**Advisor,** to President of Buffalo Chapter of the National Medical Association, January 1, 2001 - 2002

**Co-Chair,** National Medical Association Regional Recruitment and Retention Committee, December 19, 2000 – January 4, 2007

**Chair,** Resident Research Committee, State University of New York at Buffalo, Department of Otolaryngology Head and Neck Surgery, July 1998 – July, 1999

**Scientific and Medical Society Memberships**

American Dental Association

American Medical Association

American Society of Cell Biology

Buffalo Otolaryngological Society

**Cornell University Alumni Association**

**Cornell Black Alumni Association**

**Eastern Great Lakes Head and Neck Oncology Association**

**Fellow, American Academy of Otolaryngology/Head and Neck Surgery**

**Fellow, American College of Surgeons**

**Fellow, American Head & Neck Society**

**National Medical Association**

**Society of Black Academic Surgeons**

**The Medical Union (founded 1894)**

**New York State Society of Otolaryngology - Head and Neck Surgery**

### ***AWARDS AND HONORS***

#### ***Academic***

**Recipient of Inventor of the Year, 2<sup>nd</sup> place, 2001 Life Sciences, U.S. Patent No. 6,329,470**

**Member the American Laryngological, Rhinological and Otological Society Inc. AKA  
Triological Society, 1998**

**First Prize, Resident Research Day, Manhattan Eye, Ear and Throat Hospital, 1990**

**First Prize, Resident Research Day, Manhattan Eye, Ear and Throat Hospital, 1989**

**First Prize, Meharry Medical College, School of Dentistry, Table Clinic Sessions Award,  
1976**

**Co-recipient of the Frederick G. Marcham Prize presented by the Cornell University  
Department of History, 1975**

**Recipient of Cornell Club of Ithaca Award, 1975**

#### ***National***

**Recipient, American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS)  
Honors Award, AAO-HNSF 2012 Annual Meeting & OTO EXPO, Washington, DC,  
September 9-12, 2012**

**Feature article, “The Top 21 Black Doctors in America” Atlanta Post, March, 2011**

**National Federation of Just Communities Community Leader & Visionarie, March, 2011**

**Feature article, “America’s Leading Doctors” Black Enterprise Magazine, May, 2008**

**Recipient & Keynote Speaker AM1400 Solid Gold Soul Black History Month Award -  
Recognition for Outstanding Community Service, February, 2008**

**Recipient of America’s Top Doctors for Cancer, July 2007 – February, 2008, 2011, 2012**

**Recipient of Guide to America’s Top Physicians, July, 2007**

**Feature article, “WNY’s TOP DOCS” Buffalo Spree Magazine, Jan/Feb, 2006;  
Jan/Feb, 2008; Jan 2012**

**Recipient of Black Achievers Award, October 12, 2003**

**Recipient of Best Doctors in America National, 1999, 2002 - 2008, 2009 - 2010  
Northeast Region 1997, 1996**

**Recipient of the Buffalo Branch NAACP Rufus Frasier Human Relations Award, 2003**

**Lake Shore Central School District “Wall of Fame”, June, 2003**

**Recipient of *Business First*, in the “Health Care Heroes” edition, April, 2003**

### **PEER REVIEWED PUBLICATIONS**

**\*Denotes Student, Resident or Fellow**

1. **Hicks WL Jr., McMillion T, Bolden T. Principal Fiber Bundles of the Periodontal Ligament. National Dental Association Quarterly 1977;122-127.**
2. **Mendell FC, Hicks WL Jr., Fisch DR, Kallen FC. Jaw/Hyoid Movements: Is there a Basic Eutherian Pattern? Journal of Mammalogy 1985;66:774-777.**
3. **Sessions RB, Hicks WL Jr. Vascular Lesions of the Head and Neck. Head and Neck Cancer 1989;18:391-397.**
4. **Spiro RH, Thaler HT, Hicks WL Jr., Kher UA, Huvos AH, Strong EW. The Importance of Clinical Staging of Minor Salivary Gland Carcinoma. American Journal of Surgery 1991;162:330-336.**
5. **Kaplan ID, Adler JR, Hicks WL Jr., Fee WE, Goffinet DR. Radiosurgery for Palliation of Base of Skull Recurrences from Head and Neck Cancers. Cancer 1992;70:1980-1984.**

6. **Finley RK\***, **Verazin GT\***, **Driscoll DL**, **Blumenson LE**, **Takita H**, **Bakamjian V**, **Sako K**, **Hicks WL Jr.**, **Petrelli NJ**, **Shedd DP**. Results of Surgical Resection of Pulmonary Metastases from Squamous Cell Carcinoma of the Head and Neck. *American Journal of Surgery* 1992;164:594-598.
7. **Tan RK\***, **Finley RK\***, **Driscoll D**, **Bakamjian VY**, **Hicks WL Jr.**, and **Shedd, DP**. Anaplastic Cancer of the Thyroid, A Twenty-four Year Experience. *Head and Neck* 1995;17:41-48.
8. **Hicks WL Jr.**, **Nowels K**, **Troxel J\***. Primary Cutaneous Mucormycosis. *American Journal of Otolaryngology* 1995;16:265-268.
9. **Creaven P, M.D.**, **Raghavan D, M.D.**, **Pendyala L, M.D.**, **Perez R, M.D.**, **Loewen G, M.D.**, **Meropol N, M.D.**, **Levine E, M.D.**, **Hicks WL Jr., D.D.S., M.D.** Phase I Study of Paclitaxel and Carboplatin: Implications for Trials in Head and Neck Cancer. *Seminars in Oncology* 1995;22:13-16.
10. **Hicks WL Jr.**, **Ward R**, **Edelstein D**, **Hall L**, **Albino A**, **Hard R**, **Asch B**. Cytokeratin Expression in Human Respiratory Epithelium of Nasal Polyps and Turbinates. *Cell Biology International* 1995;19:301-306.
11. **Meropol N**, **Petrelli N**, **Lipman B**, **Rodriguez-Bigas M**, **Hicks WL Jr.**, **Douglass Jr. H**, **Smith J**, **Rasey M**, **Blumenson L**, **Vaickus L**, **Hayes F**, **Agosti J**. Granulocyte-Macrophage Colony-Stimulating Factor as Infection Prophylaxis in High-Risk Oncologic Surgery. *American Journal of Surgery* 1996;172:299-302.
12. **Hicks WL Jr.**, **Loree T**, **Garcia R\***, **Bakamjian V**, **Marshall D**, **Orner J**, **Maamoun S\***, **Shedd D.P.** Squamous Cell Cancer of the Floor of Mouth. The Roswell Park experience 1971-1991. *Head and Neck Surgery* 1997;19:400-405.
13. **Hicks WL Jr.**, **Sigurdson L**, **Hall L**, **Stewart C**, **Winston J**, **Hard R**, **Holberg N**, **Lwebuga-Mukasa J**. Isolation and Characterization of Basal Cells from Human Upper Respiratory Epithelium. *Experimental Cell Research* 1997;237:357-363.
14. **Hicks WL Jr.**, **Kuriakose A\***, **Loree TR**, **Orner JB**, **Schwartz G**, **Mullins A\***, **Donaldson C**, **Winston JM**, **Bakamjian VY**. Surgery Versus Radiation Therapy as Single-Modality Treatment of Tonsillar Fossa Carcinoma: The Roswell Park Cancer Institute Experience (1971-1991). *Laryngoscope* 1998;108:1014-1019.
15. **Tristram D**, **Hicks WL Jr.**, **Hard R**. Respiratory Syncytial Virus and Human Bronchial Epithelium. *Archives of Otolaryngology Head and Neck Surgery* 1998;124:777-783.
16. **Fuchshuber P\***, **Loree T**, **Hicks WL Jr.**, **Cheney RT**, **Shedd, DP**. Medullary Carcinoma of the Thyroid. Prognostic Factors and Treatment Recommendations. *Annals of Surgical Oncology* 1998;5(1):81-86.

17. Lee RJ, Smith SH, Hicks WL Jr., Iqbal V, Green DM. Management of Extrasosseous Ewing Sarcoma of the Infratemporal Fossa. *Medical and Pediatric Oncology* 1998;31:31-35.
18. Fuchshuber P\*, Loree T, DeLacure M, Hicks WL Jr. Differentiated Thyroid Cancer: Current Concepts, Risk Group Assignment, and Management Controversies. *Oncology* 1998;12:99-106.
19. Hicks WL Jr., North JH Jr. \*, Loree TR, Maamoun S\*, Mullins A\*, Orner J, Bakamjian VY, Shedd DP. Surgery as a Single Modality Therapy for Squamous Cell Carcinoma of the Oral Tongue. *American Journal of Otolaryngology* 1998;19:24-28.
20. Hicks WL Jr., Kollmorgen D\*, Kuriakose A\*, Orner J, Bakamjian V, Winston J, Loree TR. Patterns of Nodal Metastasis and Surgical Management of the Neck in Supraglottic Laryngeal Carcinoma. *Otolaryngology Head and Neck Surgery*, July 1999;121(1):1:57.
21. Hard R, Besch SR, Tristram D, Han J, Hicks WL Jr. Ciliary Activity in Differentiating and Reactivated Human Respiratory Epithelial Cells. *Laryngoscope* 1999;109:103-109.
22. Loree TR, Mullins AP\*, Spellman J, Hicks WL Jr. Head and Neck Mucosal Melanoma: A 32-Year Review at Roswell Park Cancer Institute. *ENT Journal*, May 1999;78(5):372-375.
23. Hicks WL Jr. Increased Expression of Keratinocyte Growth Factor Represents a Stereotypic Response to Tracheal Luminal Insult Independent of Injury Mechanism. *Laryngoscope (Triologic Thesis)*, October 1999;109(10):1552-1559.
24. Hicks WL Jr., Gabalski E\*, Sigurdson L, Hall L, Holberg N, Hard R, Kumar N, Lwebuga-Mukasa J. Does Cartilage Down-regulate Growth Factor Expression in Tracheal Epithelium? *Archives of Otolaryngology Head and Neck Surgery*, November 1999;125:1239-1243.
25. Gibbons KJ, Hicks WL Jr., Guterman LR. A Technique for Rigid Fixation of Methyl Methacrylate Cranioplasty: The Vault-Locking Method. *Surg Neurol*, September 1999;52(3):310-313; Discussion 313-315.
26. Kuriakose MA\*, Chen FA, Egilmez NK, Jong YS, Mathiowitz E, DeLacure MD, Hicks WL Jr., Loree TL, Bankert RB. IL-12 delivered by Biodegradeable Microspheres Promotes the Anti-Tumor Activity of Human Peripheral Blood Lymphocytes in a Human Head and Neck tumor Xenograph Mouse Model. *Head & Neck*, January 2000;22(1):57-63.
27. Datta RV\*, Zeitouni NC, Zollo JD, Loree TR, Hicks WL Jr. Trigeminal Trophic Syndrome Mimicking Wegener's Granulomatosis: A Case Report with Review of Literature. *Annals of Otolaryngology, Rhinology & Laryngology*, March 2000;109(3):331-333.

28. **Kolli VR\***, **Datta RV\***, **Orner JB**, **Hicks WL Jr.**, **Loree TR**. The Role of Supraomohyoid Neck Dissection in Node Positive Disease. *Archives of Otolaryngology/Head and Neck Surgery*, March 2000;126:413-416.
29. **Loree TR**, **North\* JH**, **Werness BA**, **Nangia R**, **Mullins AP\***, **Hicks WL Jr.** Malignant Peripheral Nerve Sheath Tumors of Head and Neck: Analysis of Prognostic Factors. *Otolaryngology Head and Neck Surgery* 2000;122:667-672.
30. **Gibbons K**, **Singh A\***, **Kuriakose MA\***, **Loree TR**, **Harris K**, **Rubinfeld A\***, **Goodloe S**, **Hicks WL Jr.** Giant Cell Tumor of the Infratemporal Fossa. *Skull Base Surgery* 2000;10(3):155-157.
31. **Kuriakose MA\***, **Loree TR**, **Hicks WL Jr.**, **Welch JJ**, **Wang H**, **DeLacure MD**. Tumour Volume Estimated by Computed Tomography as a Predictive Factor in Carcinoma of the Tongue. *British Journal of Oral and Maxillofacial Surgery* 2000;38:460-465.
32. **Pfister DG**, **Ang K**, **Brockstein B**, **Colevas AD**, **Ellenhorn J**, **Goepfert H**, **Hicks WL Jr.**, **Hong WK**, **Kies MS**, **Lydiatt W**, **McCaffrey T**, **Mittal BB**, **Ridge JA**, **Schuller DE**, **Shah JP**, **Spencer S**, **Trotti A III**, **Urba S**, **Weymuller EA Jr**, **Wheeler RH III**, **Wolf GT**. National Comprehensive Cancer Network. NCCN Practice Guidelines for Head and Neck Cancers. *Oncology (Huntington)* Nov. 2000;14(11A):163-194.
33. **Lee W-K**, **Losito I**, **Gardella JA**, **Hicks WL Jr.** Synthesis and Surface Properties of Fluorocarbon End-capped Biodegradable Polyesters. *Macromolecules* 2001;34(9):3000-3006.
34. **Wirtzfeld DA\***, **Winston JS**, **Hicks WL Jr.**, **Loree TR**. Clinical Presentation and Treatment of Non-Hodgkin's Lymphoma of the Thyroid Gland. *Annals of Surgical Oncology* 2001;8(4):338-341.
35. **Dare AO\***, **Datta RV\***, **Loree TR**, **Hicks WL Jr.**, **Grand W**. Sinonasal Non-Hodgkin's Lymphoma with Skull Base Involvement. *Skull Base Surgery* 2001;11(2):129-135.
36. **Kuriakose MA\***, **Hicks WL Jr.**, **Loree TR**, **Yee H**. Risk Group Based Management of Differentiated Thyroid Carcinoma. *Journal of the Royal College of Surgeons of Edinburgh*, August 2001;46(4):216-223.
37. **Sieczka E\***, **Datta R\***, **Singh A\***, **Loree T**, **Rigual N**, **Orner J**, **Hicks WL Jr.** Cancer of the Buccal Mucosa: Are Margins and T-Stage Accurate Predictors of Local Control? *American Journal of Otolaryngology*, November-December 2001;22:395-399.
38. **Kuriakose MA\***, **Loree TR**, **Spies A**, **Myers S**, **Hicks WL Jr.** Sensate Radial Forearm Free Flaps in Tongue Reconstruction. *Archives of Otolaryngology Head and Neck Surgery* 2001;127:1463-1466.

39. Sigurdson L, Carney D, Hou Y, Hall III L, Hard R, Bright F, **Hicks WL Jr.**, Gardella Jr. J. A Comparative Study of Primary and Immortalized Cell Adhesion Characteristics to Modified Polymer Surfaces: Toward the Goal of Effective Re-epithelialization. *Journal Biomedical Materials Research* 2002;59:357-365.
40. Kuriakose MA\*, Loree T, Rubenfeld A\*, Datta RV\*, Anderson T, Hill H, Rigual N, Orner J, Singh A\*, **Hicks WL Jr.** Simultaneously Presenting Head and Neck and Lung Cancer: A Diagnostic and Treatment Dilemma. *Laryngoscope* 2002;112:120-123.
41. Wiseman S\*, Loree TR, **Hicks WL Jr.**, Rigual NR. Sentinel Lymph Node Biopsy in Squamous Cell Carcinoma of the Head and Neck: A Major Advance in Staging the N0 Neck. Report of a Case Series and Literature Review. *ENT Journal* 2002;81:156-163.
42. Wiseman S\*, **Hicks WL Jr.**, Rigual NR, Popat S, Loree TR. Adenoid Cystic Carcinoma of the Paranasal Sinuses or Nasal Cavity: A 40-year Review of 35 Cases. *ENT Journal* 2002;81(8):510-517.
43. Wiseman SM\*, **Hicks WL Jr.**, Chu QD\*, Rigual NR. Sentinel Lymph Node Biopsy in Staging of Differentiated Thyroid Cancer: A Critical Review. *Surgical Oncology* 2002;11:137-142.
44. Wiseman S\*, **Hicks WL Jr.**, Loree T, Al-Kasspooles M\*, Rigual N. Fibrin Glue Reinforced Closure of Post-laryngectomy Pharyngocutaneous Fistula. *American Journal of Otolaryngology/Head & Neck Surgery*, November-December 2002;23(6):368-373.
45. Stoler D, Datta R\*, Charles M, Block AM, Brenner B, Sieczka E\*, **Hicks WL Jr.**, Loree T, Anderson, G. Genomic Instability Measurement in the Diagnosis of Thyroid Neoplasms. *Head and Neck* 2002;24:290-295.
46. Cho E, Tao Z, Tang Y, Tehan E, Bright F, **Hicks WL Jr.**, Gardella JA Jr, Hard R. Tools to Rapidly Produce and Screen Biodegradable Polymer and Sol-Gel-Derived Xerogel Formulations. *Applied Spectroscopy* 2002;56:1385-1398.
47. Wiseman SM\*, Loree TR, **Hicks WL Jr.**, Rigual NR, Winston JS, Tan D, Anderson GR, Stoler DL. Anaplastic Thyroid Cancer Evolved from Papillary Carcinoma: Demonstration of Anaplastic Transformation by Means of the Inter-Simple Sequence Repeat Polymerase Chain Reaction. *Archives of Otolaryngology – Head and Neck Surgery* 2003;129(1):96-100.
48. Sigurdson L, Sen T\*, Hall L, Rubenfeld A\*, Hard R, Gardella J, Bright F, **Hicks WL Jr.** Possible Impedance of Luminal Reepithelialization by Tracheal Cartilage Metalloproteinases. *Archives of Otolaryngology - Head & Neck Surgery* 2003;129: 197-200.

49. **Hicks WL Jr., Hall III L, Tristram D, Gardella J, Bright F, Hard R, Sigurdson L. Interleukin-1 Facilitates Airway Epithelial Migration in Response to Injury. Laryngoscope 2003;113:243-247.**
50. **Lee, J, Hicks WL Jr., Hard R, Bright F, Gardella J. Analysis of the Initial Burst of Drug Release Coupled with Polymer Surface Degradation. Pharmaceutical Research 2003; 20(2):149-152.**
51. **Datta R\*, Winston JS, Diaz-Reyes G, Loree TR, Myers L, Kuriakose MA\*, Rigual NR, Hicks WL Jr. Ameloblastic Carcinoma: Report of an Aggressive Case with Multiple Bony Metastases. American Journal of Otolaryngology 2003;24(1):64-69.**
52. **Dare AO\*, Gibbons KJ, Gillihan M, Guterman LR, Loree T, Hicks WL Jr. Hypotensive Endovascular Test Occlusion of the Carotid Artery in Head and Neck Cancer. Neurosurgery Focus 2003;14(3):1-4.**
53. **Wiseman S\*, Loree T, Hicks WL Jr., Rigual N, Douglas W\*, Anderson G, Stoler D. Anaplastic Transformation of Thyroid Cancer: Review of Clinical, Pathologic, and Molecular Evidence Provides New Insights into Disease Biology and Future Therapy. Head and Neck 2003;25(8):662-670.**
54. **Wiseman S\*, Loree T, Rigual N, Hicks WL Jr., Winston J, Swede H, Bartos J, Anderson G, Stoler, D. Papillary Thyroid Cancer: High Inter- (Simple Sequence Repeat) Genomic Instability in a Typically Indolent Cancer. Head and Neck 2003;25:825-832.**
55. **Wiseman S\*, Swede H, Stoler DL, Anderson GR, Rigual NR, Hicks WL Jr., Douglas W\*, Tan D, Loree TR. Squamous Cell Carcinoma of the Head and Neck in Nonsmokers and Nondrinkers: An Analysis of Clinicopathologic Characteristics and Treatment Outcomes. Annals of Surgical Oncology 2003;10(5):551-557.**
56. **Douglas W\*, Rigual N, Loree T, Wiseman S\*, Al-Rawi S\*, Hicks WL Jr. Current Concepts in the Management of a Second Malignancy of the Lung in Patients with Head and Neck Cancer. Current Opinion in Otolaryngology & Head and Neck Surgery 2003;11:85-88.**
57. **Cho EJ\*, Tao Z\*, Tang Y\*, Tehan E\*, Bright F, Hicks WL Jr., Gardella J, Hard R. Tailored Delivery of Active Keratinocyte Growth Factor from Biodegradable Polymer Formulations. Journal Biomedical Materials Research 2003;66A:417-424.**
58. **Abbate M, Zeitouni NC, Seyler M, Hicks WL Jr., Loree T, Cheney R. Clinical Course, Risk Factors and Treatment of Microcystic Adnexal Carcinoma: A Short Series Report. Dermatol Surg 2003;29:1035-1038.**

59. **Tan D, Wiseman S\*, Zhou Y, Li Q, Ward P, Slocum HK, Alrawi S\*, Loree T, Hicks WL Jr., Rigual N, Anderson G, Stoler D.** Definition of a Region of Loss of Heterozygosity at Chromosome 11q23.3-25 in Head and Neck Squamous Cell Carcinoma Using Laser Capture Microdissection Technique. *Diagnostic Molecular Pathology* 2004;13:33-40.
60. **Hicks WL Jr., Hall III L, Hard R, Gardella J, Bright F, Parasharama N, Lwebuga-Mukasa J, Sigurdson, L.** Keratinocyte Growth Factor and Autocrine Repair in Airway Epithelium. *Archives of Otolaryngology Head and Neck Surgery* 2004;130:446-449.
61. **Alrawi SJ\*, Deeb G, Cheney R, Wallace P, Loree T, Rigual N, Hicks WL Jr., Tan D.** Lipomatus Hemangiopericytoma of Head and Neck; Immunohistochemical and DNA Ploidy Analyses. *Head and Neck* 2004;26(6):544-549.
62. **Wiseman SM\*, Rigual NR, Hicks WL Jr., Papat SR, Loré Jr. JM, Douglas WG\*, Jacobson MJ, Tan D, Loree TR.** Parathyroid Carcinoma: A Multicenter Review of Clinicopathologic Features and Treatment Outcomes. *Ear, Nose & Throat Journal* 2004; 83(7):491-494.
63. **Douglas WG\*, Tracy E, Tan DF, Yu J, Hicks WL Jr., Rigual NR, Loree TR, Wang Y, Baumann H.** Development of Head and Neck Squamous Cell Carcinoma is Associated with Altered Cytokine Responsiveness. *Molecular Cancer Research* 2004;2:585-593.
64. **Al-kasspooles MF\*, Alberico RA, Douglas WG\*, Litwin AM, Wiseman SM\*, Rigual NR, Loree TR, Hicks WL Jr.** Bronchogenic Cyst Presenting as a Symptomatic Neck Mass in an Adult: Case Report and Review of the Literature. *Laryngoscope* 2004;114(12):2214-2217.
65. **Said M, Wiseman SM\*, Yang J, Alrawi S\*, Douglas W\*, Cheney R, Hicks W, Rigual N, Loree T, Spiegel G, Tan D.** Tissue Eosinophilia: A Morphologic Marker for Assessing Stromal Invasion in Laryngeal Squamous Neoplasms. *BMC Clinical Pathology* 2005;5(1):1.
66. **Alrawi S\*, Winston J, Tan D, Gibbs J, Loree T, Hicks W, Rigual N, Loré J.** Primary Adenocarcinoma of Cervical Esophagus. Case Report and Review of the Literature. *Journal of Experimental and Clinical Cancer Research* 2005;24(2):207-212.
67. **Alrawi S\*, Tan D, Sullivan M, Winston J, Loree T, Hicks WL Jr., Rigual N.** Peripheral Primitive Neuroectodermal Tumor of the Mandible with Cytogenetic & Molecular Biology Aberrations. *Journal of Oral and Maxillofacial Surgery* 2005;63(8):1216-1221.
68. **Alrawi SJ\*, Tan D, Stoler DL, Dayton M, Anderson GR, Mojica P\*, Douglas W\*, Hicks WL Jr., Rigual N, Loree T.** Tissue Eosinophilic Infiltration: A Useful Marker for Assessing Stromal Invasion, Survival & Locoregional Recurrence in Head & Neck Squamous Neoplasia. *The Cancer Journal* 2005;11(3):217-225.

69. Douglas WG\*, Rigual NR, Giese W, Bauer J, Wiseman SM\*, Loree TR, Schwarz J, Alrawi S\*, Hicks WL Jr. Advanced Soft Palate Cancer: The Clinical Importance of the Parapharyngeal Space. *Otolaryngology-Head and Neck Surgery* 2005;133(1):66-69.
70. Alrawi SJ\*, Stoler D, Tan D, Dayton M, Loree T, Gibbs JF, Rigual N, Sait S, Khoury T, Hicks WL Jr., Anderson G. Genomic Instability, DNA Alterations and Tumor Eosinophilic Expression in Head and Neck Squamous Cell Carcinoma. *Cancer Genomics & Proteomics* 2005;2:307-316.
71. Rigual N, Douglas W\*, Lamonica D, Wiseman S, Cheney R, Hicks WL Jr., Loree T. Sentinel Lymph Node Biopsy: A Rational Approach for Staging T2N0 Oral Cancer. *Laryngoscope* 2005;115:2217-2220.
72. Forastiere AA, Ang KK, Brizel D, Brockstein BE, Dunphy F, Eisele DW, Goepfert H, Hicks WL Jr., Kies MS, Lydiatt WM, Maghami E, McCaffrey T, Mittal BB, Pfister DG, Pinto HA, Posner MR, Ridge JA, Samant S, Schuller DE, Shah JP, Spencer S, Trotti A III, Wheeler RH III, Wolf GT, Worden F, Yueh B. Head and Neck Cancers. *Journal National Comprehensive Cancer Network* 2005;3(3):316-391.
73. Oh A\*, Mojica P\*, Sullivan M, Tan D, Hicks WL Jr., Loree T, Rigual N. Malignant Hypercalcemia Associated with a Parathyroid Macrocyst and the Early Genesis of a Giant Cell Tumor. *American Journal of Otolaryngology* 2006;27:54-57.
74. Loree TR, Tomljanovich PI, Cheney RT, Hicks WL Jr., Rigual NR. Intraparotid Sentinel Lymph Node Biopsy for Head and Neck Melanoma. *Laryngoscope* 2006;116(8):1461-1464.
75. Foster J, \* Filocamo P, Nava H, Schiff M, Hicks WL Jr., Rigual N, Smith J, Loree T, Gibbs J. The Introducer Technique is the Optimal Method for Placing Percutaneous Endoscopic Gastrostomy Tubes in Head and Neck Cancer Patients. *Surgical Endoscopy* 2007;21:897-901.
76. Stoler DL, Nowak NJ, Matsui SI, Wiseman SM, Chen N, Dutt SS, Bartos JD, Loree TR, Rigual NR, Hicks WL Jr., Sait SN, Anderson GR. Comparative Genomic Instabilities of Thyroid and Colon Cancers. *Archives of Otolaryngology-Head and Neck Surgery* 2007;133(5):457-463.
77. Steves JM, Tan LT, Gardella JA Jr, Hard R, Hicks WL Jr., Cartwright AN, Koc B, Bright FV. Guest Aggregation Within Poly (L-lactic acid)/Pluronic P104 Thin Films. *Applied Spectroscopy* 2008;62(3):290-294.
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43. **Kuriakose A\*, Hicks WL Jr., Loree T, DeLacure M, Bankert R. Cytokine Immunotherapy Head and Neck Squamous Cell Carcinoma (HNSCC) with Controlled Release Biodegradable Microspheres in a Human/SCID Chimeric Model. Oral Presentation: Head & Neck Society, New York, NY, April, 1998.**
44. **DeLacure M, Kuriakose A\*, Loree T, Hicks WL Jr. Clinical Experience in End-To-Side Anastomosis with a Microvascular Anastomotic Device in Head and Neck Reconstruction. Poster Presentation: Society of Head and Neck Surgeons, Palm Beach, FL, May, 1998.**
45. **Kuriakose A\*, Chen FA, DeLacure M, Hicks WL Jr., Loree T, Bankert RB. Anti-Tumor Immune Response of Human Peripheral Blood Lymphocytes Co-engrafted with Head and Neck Squamous Cell Carcinoma into Severe Combined Immunodeficient (SCID) Mice. Head and Neck. Oral Presentation: COSM, Palm Beach, FL, May, 1998.**
46. **Skenderis B, Stephens J\*, Loree T, DeLacure M, Hicks WL Jr. Natural History of Sweat Gland Carcinomas. Poster Presentation: Society of Surgical Oncology, San Diego, CA, March, 1998.**
47. **Hicks WL Jr., Hard R, Sigurdson L, Parashurama N\*, Holmes T\*, German R\*, Hall L, Kuriakose A\*, Lwebuga-Mukasa J. Up Regulation of KGF after Chemical Injury of Bovine Trachea. Poster Presentation: American Society of Cell Biology, December, 1977.**
48. **Hicks WL Jr., Loree T, Kuriakose A\*, Kollmorgen D\*, Maamoun S\*, DeLacure M, Bakamjian V. Patterns of Nodal Metastases in Supraglottic Laryngeal Cancer the Roswell Park Experience 1971-1991. Poster Presentation: American Academy Otolaryngology Head and Neck Surgery, San Francisco, CA, September, 1997.**

49. **Hicks WL Jr., Hall L, Anand VJ\*, Holzberg N, Edelstein D, Hard R.** Ciliary Activity in Human Respiratory Epithelial Cells Following Ciliogenesis in Primary Culture. Oral Presentation: Eastern Section of Triologic Society, New York, NY, February, 1998.
50. **Hicks WL Jr., Sigurdson L, Parashurama N\*, Holmes T\*, German R\*, Hall L, Hard R Lwebuga-Mukasa J.** Proliferation and Changes in Cytokeratin Expression in Subpopulations of Human Basal Cells. Poster Presentation: American Society of Cell Biology, Washington, DC, 1997.
51. **Loree TR, North JH\*, Werness BA, Nangia R, Mullins AP, Hicks WL Jr.** Malignant Peripheral Nerve Sheath Tumors of the Head and Neck: Analysis of Prognostic Factors. Poster Presentation: Academy of Otolaryngology Head and Neck Surgery, San Francisco, CA, September, 1997.
52. **Hicks WL Jr., Gabalski E\*, Takita H, Sigurdson L, Hard R, Urschel J, Lwebuga-Mukasa J.** Chondrocytes Modulate Growth Factor Expression of Human Respiratory Cells in Composite Culture. (American Journal of Respiratory and Critical Care Medicine). Oral Presentation: American Lung Association and American Thoracic Society, San Francisco, CA, May, 1997.
53. **Tristram D, Hicks WL Jr., Hard R.** Human Ciliated Respiratory Epithelium: A New Model for Respiratory Syncytial Virus (RSV) Infection. Oral Presentation: Pediatric Infectious Diseases, Washington, DC, May, 1997.
54. **Hicks WL Jr., Kuriakose A\*, Loree TR, Valle A\*, Mullins A\*, Orner J, Schwartz G.** The Roswell Park Cancer Institute Experience in the Treatment of Tonsillar Fossa Cancer (1971-1991): Surgery vs. Radiation as Single Modality Treatment. Oral Presentation: National Meeting Triologic Society, Phoenix, AZ, May, 1997.
55. **Fuchshuber P\*, Loree T, Hicks WL Jr., Cheney R, Shedd D.** Medullary Carcinoma of the Thyroid: Prognostic Factors and Treatment Recommendations. Poster Presentation: Society of Surgical Oncology meeting, Chicago, IL, May, 1999.
56. **Block AW, Petersen JM, Loree T, Hicks WL Jr., DeLacure MD, Petrelli NJ.** Assessment of Numerical Chromosome Abnormalities in Thyroid Neoplasia by Fluorescence In Situ Hybridization. Poster Presentation: International Conference on Solid Tumors, Tucson, AZ, January, 1997.
57. **Hicks WL Jr., Gabalski E\*, Hard R, Holzberg N\*, Hall L, Winston J, Lwebuga-Mukasa JS.** Composite Culture: A Novel Model of Trachea In Vitro. Poster Presentation: ASCB, (Mol. Biol. Cell), Washington, DC, 1996.
58. **Wang HZ, DeLacure MD, Zimmer W, Hicks WL Jr.** CT Guided Core Biopsy of Parapharyngeal Space Masses: Using Sigmoid Notch as a Window. Poster Presentation: American Society of Head and Neck Radiology Annual Meeting, May, 1996.

59. **Hicks WL Jr., Hall L, Lwebuga-Mukasa, Hard R, Stewart C.** Flow Cytometric Analysis of Dissociated and Cultured Respiratory Epithelial Cells. Poster Presentation: ASCB, (Mol. Biol. Cell), San Francisco, CA, December, 1995.
60. **Hicks WL Jr., Kuhel W, Hall L, Lwebuga-Mukasa J.** Rapid Isolation of Human Respiratory Cells in Polyps and Turbinates. Poster Presentation: ASCB, (Mol. Biol. Cell), Washington, DC, December, 1994.
61. **Hicks WL Jr.** In Vitro Growth Respiratory Epithelium. Oral Presentation: American Academy of Otolaryngology Head and Neck Surgery, New Orleans, 1989.
62. **Fisch DR, Mendell FC, Kallen FC, Hicks WL Jr.** Variation in Tongue/Hyoid Movements Relative to Jaw Movement During Mastication. *Anatomical Record* 1982;202(3):57-58.
63. **Mendell FC, Hicks WL Jr., Fisch DR, Kallen FC.** Oral and Hyoid Movement Patterns Related to Mastication in Giant Indian Fruit Bats, *Pteropus giganteus*. *Bat Research News* 1981; 22 (4):47-48.

### **Regional**

1. **Wiseman S\*, Loree TR, Douglas W\*, Rigual NR, Hicks WL Jr., Winston J, Swede H, Bartos JD, Anderson GR, Stoler, D.** High Inter-(Simple Sequence Repeat) Genomic Instability in Papillary Thyroid Cancer. Oral Presentation: Eastern Great Lakes Head and Neck Oncology Association Meeting, Hamilton, Ontario, Canada, November, 2002.
2. **Wiseman S\*, Swede H, Stoler D, Anderson GR, Rigual NR, Hicks WL Jr., Douglas W\*, Tan D, Loree TR.** Head and Neck in Nonsmokers and Nondrinkers: Clinicopathologic Characteristics and Treatment Outcomes. Oral Presentation: Eastern Great Lakes Head and Neck Oncology Association Meeting, Hamilton, Ontario, Canada, November, 2002.
3. **Douglas W\*, Wiseman S\*, Rigual NR, Hicks WL Jr., Loree TR, Baumann H.** Changes in the Responsiveness of Squamous Epithelial Cells as a Function of Oncogenic Conversion at Head and Neck Sites. Oral Presentation: Eastern Great Lakes Head and Neck Oncology Association Meeting, Hamilton, Ontario, Canada, November, 2002.
4. **Douglas W\*, Wiseman\* S, Giese W, Bauer J, Rigual NR, Loree TR, Schwarz J, Alrawi S\*, Hicks WL Jr.** In Resectable Advanced Soft Palate Cancer the Parapharyngeal Space is a Treatment Dilemma. Oral Presentation: Eastern Great Lakes Head and Neck Oncology Association Meeting, Hamilton, Ontario, Canada, November, 2002.
5. **Datta RV\*, Stoler DL, Charles MA, Loree TR, Hicks WL Jr., Anderson GR.** PCR-Based Quantitation of Genomic Instability in Thyroid Neoplasms. Presented to Eastern Great Lakes Head and Neck Oncology Association Meeting, Hamilton, Ontario, Canada, November, 1999.

6. Loree TR, North JH\*, Werness BA, Mullins AP\*, Hicks WL Jr. Malignant Peripheral Nerve Sheath Tumors of the Head and Neck: Analysis of Prognostic Factors. Presented at Eastern Great Lakes Head and Neck Association, Hamilton, Ontario, Canada, November, 1996.
7. Hicks WL Jr., Hall L, Sigurdson L, Hard R, Holzberg N\*, Lwebuga-Mukasa J. Integrin Profiles of Human Tracheal Basal Cells Isolated by Flow Cytometry. Presented Eastern Great Lakes Pulmonary Conference, Niagara on the Lake, Ontario, Canada, September, 1996.
8. Loree TR, Mullins AP\*, Spellman J, Hicks WL Jr. Head and Neck Mucosal Melanoma: A 32-Year Review at Roswell Park Cancer Institute. Presented at the New York Head and Neck Society Meeting, May, 1996.
9. Goldfarb G\*, Loree T, Hicks WL Jr., Shedd DP. Angiosarcoma of the Head and Neck. Accepted for abstract presentation, New York Head and Neck Society, March, 1994.
10. Hicks WL Jr., Loree TR, Garcia R\*, Bakamjian V. Supraglottic Laryngeal Cancer, The Roswell Park Experience, 1971-1991. Eastern Section Triological Society, January, 1994.
11. Garcia R\*, Herzig G, Hicks WL Jr., Shedd D. Head and Neck Complications Following Bone Marrow Transplantation. Presented at Eastern Great Lakes Society, November, 1993.

## **INVITED PRESENTATIONS**

### **International**

**Guest Speaker and Panelist, XIX ENT World Congress IFOS 2009, AAO-HNS Symposium on Head and Neck Surgery: Treatment of Advanced Malignancy of Parotid Gland including Invasion of the Skull Base, Sao Paulo, Brazil, June 1 – 5, 2009.**

**Panel Moderator, 7<sup>th</sup> International Conference on Head and Neck Cancer, San Francisco, CA, July 19 - 23, 2008.**

**Invited Faculty, Amrita Institute and Hospital, Cochin, India, January, 2006.**

**Guest Lecturer, Indian Head and Neck Society, Lucknow, India, January, 2006.**

**Invited Speaker, Foundation of Head and Neck Oncology of India, Katmandu, Nepal, October, 16-18, 2004.**

**Keynote Speaker, The Head and Neck Institute of Amrita Institute of Medical Sciences and Research Centre, Cochin, Kerala, India, October 8-11, 2004.**

**Panel Moderator, 5<sup>th</sup> International Conference on Head and Neck Cancer, Birmingham, AL, July, 2000.**

**Panel Moderator, 4<sup>th</sup> International Conference on Head and Neck Cancer, Lunch with the Professor, Nasopharyngeal Cancer, Birmingham, AL, July, 1996.**

### **National**

**Appointed, Occupational Health Clinics Oversight Committee, New York State Department of Health, 2009.**

**Invited Lecturer, Samuel S. Stratton VA Medical Center - Tumor Board, Albany, NY, March, 2009.**

**Invited Lecturer, North Shore – Long Island Jewish Health System, Department of Medicine, Forest Hills, NY, April, 2008.**

**Invited Lecturer, North Shore – Long Island Jewish Health System, Department of Medicine, Forest Hills, NY, April, 2008.**

**Invited Speaker, Third Annual Health Disparities Conference at Teachers College, Columbia University, New York, NY, March, 2008.**

**Invited Speaker, National Medical Association – Ninth National Colloquium on African American Health, Arlington, VA, March 2008.**

**Distinguished Faculty, National Medical Association Region II, Disparity in Head & Neck Cancer, Baltimore, MD, March, 2008.**

**Visiting Professor, Department of Otolaryngology, Medical College of Georgia, March 6 & 7, 2007.**

**Invited Speaker, National Medical Association, Clinical Trials in the Age of Genomics: Does Race Matter? Dallas, TX, August 7, 2006.**

**Invited Lecturer, The Cleveland Clinic, Cancer in African Americans - Opportunities and Challenges, “The Elusive Proof: Specific Disparities in Health Care Delivery in Head and Neck Cancer,” May 11-12, 2006.**

**Panel Speaker, The Cleveland Clinic, Cancer in African Americans- Opportunities and Challenges, “Strategic Planning in Cancer Care for Minorities,” May 11-12, 2006.**

**Panel Speaker, National Medical Association, Capitol Hill Briefing, "Minority Health: How Biotechnology Has Improved Treatment and Can Lead to Decreased Disparities,"** Washington, D. C., April 13, 2006.

**Guest Speaker, Alabama Department of Health, "Oral Cavity and Oropharyngeal Malignancies,"** February 5, 2005.

**Visiting Professor, University of Texas, Southwestern Head and Neck Symposium,** February 3, 2005.

**Invited Speaker, Alabama State Dental Society,** June 11, 2004.

**Invited Speaker, Meharry Medical College, 23<sup>rd</sup> Memorial Heritage Lecture, Nashville, TN,** April 2, 2003.

**Panel Moderator, American Head and Neck Society Scientific Program for the 2001 Annual Meeting (COSM),** May, 2001.

**Invited Speaker, LifeCell Corporation Partner Meeting, Branchburg, NJ,** April 12, 2001.

**Panel Moderator, Eastern Great Lakes Head and Neck Oncology Association, Buffalo, NY,** November, 2000.

**Visiting Professor and Invited Speaker, University of California Davis, Sacramento Otolaryngology Society,** October, 2000.

**Invited Grand Rounds Speaker, University of California Davis, Department of Otolaryngology Head and Neck Surgery,** October, 2000.

**Visiting Professor and Invited Speaker, Grand Rounds, Manhattan Eye, Ear & Throat Hospital/New York Hospital Cornell, Otolaryngology Head and Neck Surgery,** March 4-5, 1999.

**Appointed, Head and Neck Advisory Board, Rhône-Poulenc Rorer, International,** August, 1999.

**Appointed, Committee on Awards and Honors, Society of Head and Neck Surgery,** 1999.

**Appointed, National Comprehensive Cancer Network Committee, Clinical Practice Guidelines for the Management of Head and Neck Cancer,** May, 1998.

**Panel Moderator, Eastern Great Lakes Head and Neck Oncology Association,** November, 1997.

**Program Committee, Eastern Great Lakes Head and Neck Oncology Association,** November, 1997.

**Panel Moderator, Eastern Great Lakes Head and Neck Oncology Association, Buffalo, NY, November, 1997.**

**Lecturer, Gore Company Medical Division: Synthetic Tracheal Reconstruction. Flagstaff, AZ, February, 1997.**

**Visiting Professor and Grand Round Speaker, University of West Virginia, Department of Otolaryngology, Head and Neck Surgery, October, 1996.**

**Appointed to National Office, American Cancer Society, Atlanta, GA. Sub-Committee on Continuing Medical Education, March, 1996.**

**Panel Moderator, Eastern Great Lakes Head and Neck Oncology Association, November, 1994.**

### **Regional**

**Invited Speaker, "Cancer in the City", Michigan Street Baptist Church, Buffalo, NY, February, 2009.**

**Lecturer, SNMA Region IX Annual Leadership Retreat and Business Meeting, State University of New York at Buffalo, School of Medicine and Biomedical Sciences, October, 2005.**

**Invited Speaker, Monroe County Medical Society, Rochester, NY. African American Health Professionals, May, 2005.**

### **OTHER PRESENTATIONS**

#### **International**

**Poster Presentation, Barnwell J\*, Loree T, Moskal T, DeLacure M, Hicks WL Jr. Merkel Cell Carcinoma of the Head and Neck: The Roswell Park Cancer Institute Experience, 1980-1994. Presentation American Radium Society, Monte Carlo, Monaco, May, 1998.**

#### **National**

**Oral Presentation, Kuriakose A\*, Loree T, Hicks WL Jr., Myers S, DeLacure M. Sensate Radial Forearm Free Flaps in Tongue Reconstruction. Presentation at the Joint ASHNS/SHNS Meeting, Palm Beach, FL, May, 1998.**

**Poster Presentation, Kuriakose A\*, Chen FA, DeLacure M, Hicks WL Jr., Loree T, Bankert RB. Anti-Tumor Immune Response of Human Peripheral Blood Lymphocytes Co-engrafted with Head and Neck Squamous Cell Carcinoma into Severe Combined Immunodeficient (SCID) Mice. Presentation at the Joint ASHNS/SHNS Meeting, Palm Beach, FL, May, 1998.**

**Poster Presentation, Skenderis B, Stephens J\*, Loree T, DeLacure M, Hicks WL Jr. Natural History of Sweat Gland Carcinomas. Presentation at the Society of Surgical Oncology 51<sup>st</sup> Annual Cancer Symposium, San Diego, CA, March, 1998.**

**Oral Presentation, Hicks WL Jr., Hall L, Anand VJ, Holzberg N\*, Edelstein D\*, Hard R. Ciliary Activity in Human Respiratory Epithelial Cells Following Ciliogenesis in Primary Culture. Eastern Section of Triologic Society, New York, NY, February, 1998.**

**Poster Presentation, Hicks WL Jr., Hard R, Sigurdson L, Parashurama N\*, Holmes T\*, German R\*, Hall L, Kuriakose A, Lwebuga-Mukasa J. Up Regulation of KGF After Chemical Injury of Bovine Trachea. Presented American Society of Cell Biology, Washington, DC, December, 1997.**

**Hicks WL Jr., Loree T, Kuriakose A\*, Kollmorgen D\*, Maamoun S\*, DeLacure M, Bakamjian V. Patterns of Nodal Metastases in Supraglottic Laryngeal Cancer the Roswell Park Experience 1971-1991. AAOHNS (American Academy Otolaryngology Head and Neck Surgery). Presented San Francisco, CA, September, 1997.**

**Oral Presentation, National Meeting Triological Society, Treatment of Tonsillar Fossa Cancer Surgery vs. Radiation, May, 1997.**

**Oral Presentation, National Meeting of Pediatric Infectious Diseases, Human Ciliated Respiratory Epithelium: A New Model for Respiratory Syncytial Virus (RSV) Infection, May, 1997.**

**Poster Presentation, American Lung Association American Thoracic Society, Chondrocytes Modulate Growth Factor Expression of Human Respiratory Epithelial Cells in Composite Culture, San Francisco, CA, May, 1997.**

**Oral Presentation, Society of Head and Neck Surgery, CT Derived Tumor Volume Measurement as a Predictive Factor in Squamous Cell Carcinoma Tongue, NY, NY, May, 1997.**

**Oral Presentation, Society of Head and Neck Surgery, Paranasal Sinus and Nasal Cavity Squamous Cell Carcinoma, NY, NY, May, 1997.**

**Poster Presentation, Society of Head and Neck Surgeons, Squamous Cell Carcinoma of the Head and Neck with an Unknown Primary; a Twenty-Two Year Institutional Review, May, 1997.**

**Poster Presentation, CT Guided Core Biopsy of Parapharyngeal Masses: Using the Sigmoid Notch as a Window. Wang HZ, DeLacure MD, Zimmer W, Hicks WL. Accepted for presentation at the American Society of Head and Neck Radiology Annual Meeting, Los Angeles, CA, 1996.**

**Poster Presentation, Flow Cytometric Analysis of Dissociated and Cultured Respiratory Epithelial Cells, American Society of Cell Biology, Washington, DC, December, 1995.**

**Poster Presentation, American Society of Cell Biology. Rapid Isolation of Upper Respiratory Epithelial Cells, San Francisco, CA, December, 1994.**

**Poster Presentation, Cytokeratin Expression in Human Respiratory Epithelium of Nasal Polyps and Turbinates, Cell Biology, San Francisco CA, December, 1994.**

**Poster Presentation, Weekly Cisplatin (P), 5-Fluorouracil (F), and Levoleucovorin (LL) Neoadjuvant Chemotherapy in Patients with Operable Advanced Squamous Cell Carcinoma of the Head and Neck (ASCCHN). Schwartz G, Hicks W, Orner J, Jones V, Rustum Y, Shin K, Shedd D, Raghavan D, 1993.**

**Poster Presentation, Stereotatic Radiosurgery for the Treatment of Recurrent Head and Neck Cancer for the Cranial Base. Accepted for presentation at International Stereotatic Radiosurgery Symposium, 1991.**

**Poster Presentation, The Transphenoidal Approach to Cholesterol Granuloma of the Petrous Apex - Poster Presentation American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc., 93rd Annual Meeting, New Orleans, 1989.**

**Oral Presentation, In Vitro Growth of Respiratory Epithelium - Presented at Research Forum, American Academy of Otolaryngology/Head and Neck Surgery Foundation, Inc., 93rd Annual Meeting, New Orleans, LA, 1989.**

**Oral Presentation, Principal Fiber Bundles of the Periodontal Ligament Presentation of the National Meeting of the American Dental Association, Las Vegas, 1976.**

### **Regional**

**Grand Rounds Speaker, State University of New York at Buffalo, Department of Otolaryngology, February, 2008.**

**Invited Speaker, Spring 2007 UE141 Integrated Nanostructured Systems Freshman Seminar Series at the University at Buffalo, April 11, 2007.**

**Lecturer, Tissue Engineering in the 21<sup>st</sup> Century, State University of New York at Buffalo, Department of Engineering and Applied Sciences, April 11, 2007.**

**Grand Rounds Speaker, State University of New York at Buffalo, Department of Otolaryngology, June 30, 2005.**

- Poster Presentation, Tissue Eosinophilic Infiltrations: A Useful Marker for Assessing Stromal Invasion, Survival and Locoregional Recurrence in Head and Neck Squamous Neoplasia, Western New York American College of Surgeons, Pierce Arrow Museum, Buffalo, NY, October 20, 2004.**
- Grand Rounds Speaker, Kaleida Health Care Systems, Department of Neurosurgery, May 15, 2003.**
- Grand Rounds Speaker, Roswell Park Cancer Institute, Bioengineering and the Oncologic Surgeon – Tracheal Reconstruction, May 8, 2002.**
- Meet the Professor Rounds, Larynx: Anatomy and Organ Sparing Management in Carcinoma, Roswell Park Cancer Institute, July, 2000.**
- Lecturer, Biomaterials Graduate Seminar Program, State University of New York at Buffalo, October, 1999.**
- Oral Presentation, Tracheal Reconstruction and Bioengineering. Presentation at the Surgical Oncology Symposium, Roswell Park Cancer Institute, Buffalo, NY, August, 1999.**
- Grand Rounds Speaker, Roswell Park Cancer Institute, Discussions on Laryngeal Cancer, March 31, 1999.**
- Grand Rounds, Buffalo General Hospital. Participation on Head and Neck Panel: Management of Metastatic Cervical Disease, February, 1998.**
- Grand Rounds, Roswell Park Cancer Institute, Department of Surgery, Floor of Mouth Cancer, April 3, 1996.**
- Poster Presentation, Great Lakes Lung Conference. Ciliary Activity in Human Respiratory Epithelial Cells Following Ciliogenesis in Primary Culture, September, 1995.**
- Grand Rounds, Roswell Park Cancer Institute. The Diagnosis and Treatment of Laryngeal Cancer, April, 1995.**
- Poster Presentation, Great Lakes Lung Conference. Rapid Isolation of Upper Respiratory Epithelial Cells, October, 1994.**
- Oral Presentation, Grand Rounds Roswell Park Cancer Institute, Department of Surgery, Laryngeal Cancer: The Roswell Park Experience 1972-1992, May, 1994.**
- Oral Presentation, Presenter Eastern Section Triological Society Supraglottic Laryngeal Cancer: The Roswell Park Experience 1971-1991, January, 1994.**

**Poster Presentation, Ciliary Activity in Human Respiratory Epithelial Cells Following Ciliogenesis in Primary Culture, Great Lakes Pulmonary & Lung Biology Conference, Niagara on the Lake, 1994.**

**Oral Presentation Advances in Dissociated Culture Systems for Respiratory Epithelium, Alumni Day, Stanford University, Medical Center, Dept. Of Otolaryngology Head & Neck Surgery, May, 1991.**

**Oral Presentation, Grand Rounds Roswell Park Cancer Institute, Department of Surgery, Hypopharyngeal Cancer Diagnosis and Management, April, 1991.**

**Oral Presentation, Nasal Presentation of Rhinosporidiosis, Manhattan Eye, Ear and Throat Hospital, Grand Rounds, December, 1988.**

### ***SERVICE TO THE PROFESSION***

#### **International**

**Moderator, International Meeting of the American Head & Neck Society, July, 2008.**

**Appointed Member, Advanced Training Council, American Head & Neck Society, July, 2001 – July, 2007.**

#### **National**

**Member, CME Compliance Committee AHNS, October, 2008 – October, 2010.**

**Member, AHNS Program Committee, 2007 – 2008.**

**Senior Examiner, American Board of Otolaryngology, May, 2005 – April, 2009.**

**Member, American College of Surgeons Speakers Bureau, March, 2003.**

**Delegate, Fourth Annual Colloquium on African American Health, National Medical Association, March 13-17, 2003.**

**Reappointed, Continuing Education Program, The American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc., *Practical Reviews in Otolaryngology – Head & Neck Surgery*, 2003-2006.**

**National Examiner, for Oral Certifying Examination, American Board of Otolaryngology, April, 2001 – 2003.**

**Member, Program Committee for American Head and Neck Society Annual Meeting, Palm Desert, CA, May 14-16, 2001.**

**Member, Professional Relation & Public Education Committee, American Head and Neck Society, 2000.**

**Appointed, Rehabilitation Committee, American Head and Neck Society, term of 2000 – 2002.**

**Appointed Member, Science Committee for the American Society for Head and Neck Surgery, September, 1999.**

**Appointed, Research Committee, American Head and Neck Society, term of 1999 – 2002.**

***Editorial Boards***

**Member, Editorial Board for Laryngoscope, September, 2007 –2011.**

**Member, Editorial Board for Annals of Surgical Oncology, May, 2007 – 2010.**

**Member, Editorial Board for Journal of Clinical Oncology, January, 2004 – January, 2008.**

**Member, International Editorial Board for Otolaryngology-Head and Neck Surgery. Official Journal of the American Academy of Otolaryngology-Head and Neck Surgery Foundation Inc., September, 2002 – February, 2004.**

**Guest Editor, Surgical Oncology Clinics of North America - Head and Neck Cancer Edition, 2004.**

***Editorial Reviews***

**Ad Hoc Reviewer, Tissue Engineering, June, 2012.**

**Ad Hoc Reviewer, Future Drugs Expert Review of Anticancer Therapy, June, 2006.**

**Ad Hoc Reviewer, Lasers in Surgery & Medicine, December, 2004.**

**Ad Hoc Reviewer, Philip Morris External Review Board, Research Management Group, September, 2004.**

**Ad Hoc Reviewer, Molecular Basis of Disease, August, 2004.**

**Ad Hoc Reviewer, Cancers of the Mouth & Throat by William Lydiatt, M.D., May, 2003.**

**Ad Hoc Reviewer, Annals of Surgical Oncology, Official Journal of the Society of Surgical Oncology, January, 2003.**

**Ad Hoc Reviewer, Head and Neck Journal for the Sciences and Specialties of the Head and Neck, June, 2002.**

**Ad Hoc Reviewer, Head & Neck Section, The Laryngoscope, June, 2000 – July, 2007.**

**Ad Hoc Reviewer, Archives of Otolaryngology Head and Neck Surgery, 2000 – present.**

**Ad Hoc Reviewer, Journal of Clinical Oncology, December, 2000.**

**Ad Hoc Reviewer for Cancer, An Interdisciplinary, International Journal of the American Cancer Society, June, 1998.**

**Ad Hoc Reviewer for the Grant Merit Review Board, Department of Veterans Affairs, Medical Research Service, September, 1997.**

### **PUBLIC SERVICE**

**Member, Occupational Health Oversight Committee, December, 2010.**

**Invited Speaker, Buffalo Academy of Science Charter School, December, 2010.**

**Member, Eighth Judicial District Grievance Committee, April 1, 2009 - March 31, 2012.**

**Member, Eighth Judicial District Grievance Committee, April 1, 2006 - March 31, 2009.**

**Member, Eighth Judicial District Grievance Committee, April 1, 2005 - March 31, 2006.**

**Member, Board of Directors, Buffalo Federation of Neighborhood Centers, February, 2004 – present.**

**Invited Speaker, Minority Health Coalition, April 24, 2003.**

**Invited Speaker, Career Day Presenter for Waterfront Elementary School, April 9, 2003.**

**Member, Leadership Buffalo, January 2002 - January 2003.**

**Invited Speaker, Buffalo Chapter of the Links Inc. Health Conference, Buffalo Convention Center, Topic: Head and Neck Cancer, May 19, 2001.**

**Member, Community Advisory Board for the Witness Project of Buffalo  
October, 2000 – present.**

**Member, Board of Directors, WBFO, August, 2000 – present.**

**Invited Grand Rounds Speaker, WCA Hospital, Jamestown, NY, June 1999.**

**Invited, Introductory Address, Roswell Park Black History Month - Introduction of Dr. Louis Sullivan, February, 1999.**

**Member, Alpha Kappa Alpha, Boule/Chairman of Public Service Committee, 2002.**

**Invited, Introductory Address, Roswell Park Black History Month - Introduction of Dr. Harold Freeman, February, 1998.**

**Invited Mentor, (Mentor 2000 Program), For Economically and Socially Disadvantaged Middle School Students, February, 1998.**

**Invited Speaker, High School Students from Disadvantaged Background - Topic: Career Opportunities in Medicine, March, 1998.**

**Commencement Speaker, Lake Shore Central High School, June, 1996.**

**Invited Speaker, WUFO, Topic: Head and Neck Cancer in the African American Population, May 20, 1995.**

**Member, Board of Directors, Buffalo Hearing and Speech Inc., 1994 – 2000.**

**Invited Speaker, General Motors Tonawanda Plant: Hearing Loss and Rehabilitation, September, 1992.**

#### **UNIVERSITY & MEDICAL SCHOOL SERVICE**

**Member, Commission on Academic Excellence and Equality, State University of New York at Buffalo, March, 2009 – present.**

**Member, Ad Hoc Promotions Committee to Research Ranks, State University of New York at Buffalo, October, 2008 – June, 2011.**

**Member, UB Downtown Gateway Committee, March, 2008 – present.**

**Committee of University at Buffalo Intercollegiate Athletic Program, State University of New York at Buffalo, November 2006 – April, 2007.**

**Oral Presentation, Student National Medical Association, Eastern Region, October, 2005.**

**Invited Speaker, 2<sup>nd</sup> Annual UB Majors and Careers Night, State University of New York at Buffalo, October, 2005.**

**Grand Rounds Speaker, Department of Family Medicine, Recognition & Evaluation of Oral Cancers, State University of New York at Buffalo, September 11, 2003.**

**Board of Directors, UB Alumni Association, 2003 – 2007.**

**Member, UB Services Committee** dedicated to strategic initiatives including, but not limited to, student recruitment, student life, government relations, and career services, 2010 – present.

**Member, Advisory Board** for UB Office of Science, Technology Transfer and Economic Outreach (STOR), State University of New York at Buffalo, 2002 – present.

**Member, Search Committee, Dean/School of Dental Medicine**, State University of New York at Buffalo, 2001.

**Keynote Speaker, “White Coat Ceremony”** Class of 2003, State University of New York at Buffalo, August, 1999.

**State University of New York at Buffalo, College of Arts & Sciences Community Advisory Panel**, September, 1999.

**Promotions and Review Committee for Tenured Faculty Appointments (Unqualified Rank)** State University of New York at Buffalo School of Medicine, June 30, 1999 - June 30, 2002.

**Member, Executive Advisory Committee for Minority Student and Resident Recruitment**, State University of New York at Buffalo School of Medicine, October, 1998.

**Member, Executive Committee, Department of Otolaryngology**, State University of New York at Buffalo, May, 1998.

**Grand Rounds Speaker**, Department of Otolaryngology, Supraglottic Laryngeal Cancer and the Surgical Management of the N0 Neck, State University of New York at Buffalo, May 1, 1998.

**Representative (Alternate), Faculty Council of the State University of New York at Buffalo**, School of Medicine, March, 1998.

**Invited Speaker**, Student National Medical Association (SNMA), Career Day, March 28, 1998.

**Member, Resident Research Subcommittee**, Department of Otolaryngology, State University of New York at Buffalo, School of Medicine, June 1997 - May 1998.

**Lecturer**, State University of New York, Department of Otolaryngology/Head and Neck Surgery Residents, Neck Dissections, December 5, 1997.

**Lecturer**, Department of Anatomy, State University of New York at Buffalo, School of Medicine, December, 1994.

**Instructor, Temporal Bone Dissection Course, State University of New York at Buffalo, Department of Otolaryngology, Head and Neck Surgery, Buffalo, NY, May, 1992.**

**Member, Medical School Admissions Committee, State University of New York at Buffalo School of Medicine, 1992 – 2005.**

### **DEPARTMENTAL SERVICE**

**Member, Faculty Appointments and Promotions Committee, Roswell Park Cancer Institute, 2010-present.**

**Member, Roswell Park Micro Environment Initiative, April, 2008.**

**Member, Roswell Park Health Information/Medical Records Committee, September, 2004.**

**Member, Roswell Park Institutional Conflict of Interest Committee, March, 2004.**

**Member, Graduate Medical Education Committee, October, 2002.**

**Director, Emergency Preparation Committee, January, 2002.**

**Member, Surgical QA Committee, Roswell Park Cancer Institute, June, 1999.**

**Member, Search Committee for Senior Vice President for Administration & Finance, Roswell Park Cancer Institute.**

**Member, Minority Recruitment Committee, Roswell Park Cancer Institute, February, 1997.**

**Member, Blood Products Committee, Roswell Park Cancer Institute, October, 1997.**

**Member, Department Laboratory Animal Resources Search Committee (DLAR), Roswell Park Cancer Institute, June, 1997 – present.**

**Member, Institute Animal Care and Use Committee (IACUC), Roswell Park Cancer Institute, November, 1997 – present.**

**Member, Committee on Translational Research and Marketing Expertise, Roswell Park Cancer Institute, 1996.**

**Member, Cancer Committee, Sisters Hospital, March, 1994 – 1995.**

**Member, Utilization Review Committee, Roswell Park Cancer Institute, 1993 – March, 1995.**

**Member, Surgical Case Review Committee, Roswell Park Cancer Institute, 1991 – 1995.**

## **COURSES TAUGHT AND OTHER EDUCATIONAL ACTIVITIES**

### **Research Supervision**

- Acute and Chronic Wound Repair Initiative
- Bioengineering Basement Membrane (Resorbable Laminated Repair Membrane – RLRM)
- Bioengineered Tracheal Replacement Device
- In Vitro Growth of Respiratory Epithelium

*Members of Dr. Hicks' Research Group (Present and Former)*

### *Fellows*

David M. Cohan, M.D., Fellow, 2007 – 2009

### *International Fellows*

Anna Fetoni, Ph.D., Università' Cattolica del Sacro Cuore, Rome Italy  
International Observer, March, 2004-June, 2004

Ivonne Gerkmann, International Fellow, Frankfurt, Germany  
July-August, 2001

Gabor Polonyi, International Fellow, Semmelweis University Medical School, Budapest, Hungary, October 1997-November 1997

I. L. Tamas, M.D., International Research Fellow, Gyö, Hungary, 1995

Laszlo Tamas, M.D., International Research Fellow, Budapest, Hungary, Semmelweis University Medical School, Department of Otorhinolaryngology, August, 1994-November, 1994

Sherif Maamoun, M.D., Visiting Fellow, Cancer Center, Cairo, Egypt, 1992-1994

### *Residents*

James M. Reidy, Third Year Otolaryngology Head and Neck Resident, Philadelphia College of Osteopathic Medicine, September 4-September 28, 2001

Gustavo Diaz-Reyes, Otolaryngology Resident, State University of New York at Buffalo, September 9, 2001-June, 2002

Matthew Gillinham, Second Year Otolaryngology Head and Neck Surgery Resident, August, 1998-1999

John Wok Han, Second Year Otolaryngology Head and Neck Surgery Resident, August 1998 – 1999 Awarded Third Place Resident Research Day, June, 1999

**Larry Myers, State University of New York at Buffalo, Third Year Otolaryngology Head and Neck Surgery Resident, February 1997-June 1998**

**Awarded First Place Resident Research Day, June, 1998**

**Edward Gabalski, M.D., Resident Otolaryngology Head & Neck Surgery Department SUNY at Buffalo, October, 1994-1996**

**Research Advisor, June 1996, Edward Gabalski, Resident Research Day, State University of New York at Buffalo. Composite Culture: A Novel Model of Trachea In Vitro.**

**Awarded Second Place Resident Research Day, June, 1996**

**Blanca Durand, M.D., Resident Otolaryngology Head & Neck Surgery Department SUNY at Buffalo, January, 1994-1995**

***Medical Students***

**Lori Oliver, Second Year Medical Student, State University of New York at Buffalo, December, 2004 - 2006**

**Lori Oliver, First Year Medical Student, State University of New York at Buffalo, Summer of 2003**

**Greg Myers, Fourth Year Medical Student, State University of New York at Buffalo, November 12, 2002 - mid December, 2002**

**Margo McKenna, Fourth Year Medical Student, State University of New York at Buffalo, 10/15/02 - 11/08/02**

**Theresa Kouo, Fourth Year Medical Student, State University of New York at Buffalo, 9/16/02 - 10/11/02**

**Uchendu Azodo, State University of New York at Buffalo, Awarded scholarship from Alpha Omega Alpha Honor Medical Society to work in lab in the amount of \$3500, 4/99 - present**

**Anand Singh, State University of New York at Buffalo, 2/97 - 6/98**

**Colin Powers, State University of New York at Buffalo, 6/15/97 - 1999**

**Terri Holmes, University of Rochester, Research Fellowship, 6/16 - 8/8/97**

**Amy E. Allen, State University of New York at Buffalo, School of Medicine, 1995 - 1997**

**Natesh Parashurama, State University of New York, 1995 - 2000**  
**Awarded Competitive Summer Research Grant for Composite Co-culture of Tracheal Lumen**  
**Selected for Eastern Student Research Forum Oral Presentation, 2/25/98**  
**Presently Ph.D. candidate in Bioengineering at Rutgers University**

***College/High School Students***

**Mentor: Timothy Thayer, Summer Oncology Research Program, RPCI, 6/6-7/29/11**

**Erin Kennedy, Virginia Tech Pre-med Student, 3/03**

**George M. Matthews, High School Summer Student, 6/25/00 - 8/10/00**

**Patrick Brennan, High School Summer Student, 6/25/00 - 8/10/00**

**Lindsey Ross, High School Summer Student, Buffalo, NY, 6/28/99 - 8/12/99**

**Damien O. Baxter, High School Summer Student from Peekskill, NY, 6/28 - 8/12/99**

**Mathew Sargent, graduate student in the Natural Sciences M.S., 9/01/99**

**Tuhina Sen, CEEP Award Winner (Canisius Earning Excellence Program) for work done on Cytokine Expression in Tracheal Surgery, April, 1998**

**Winner National Cancer Institute Summer Fellowship Program, 6/99 - 8/99**

**Accepted at Howard Hugh's Medical Institute Summer Internship at Harvard, Department of Molecular & Cell Biology, 6/4 - 8/11/00**

**Ramaris E. German, High School Summer Student from Brooklyn, NY, 6/23 - 8/14/97**

**Peter Andolino, John Carroll University, Summer Project Volunteer, 1996**

**Mentor 1996 – Present: Third Year Medical Student Case Presentations State University of New York at Buffalo**

***RESEARCH ACTIVITY AND GRANT SUPPORT***

**Patents**

- 1. In Vitro Cell Culture Device Including Cartilage and Methods of Using the Same Patent No. US 6,312,952 Issued: November 6, 2001.**
- 2. Fluorocarbon End-Capped Polymers and Method of Synthesis Patent No. US 6,329,470 Issued: December 11, 2001.**
- 3. Choreographed Active Protein Delivery from Biodegradable Devices R-5764**

**Patent No. US PTO10/431006 (Provisional Patent), May 7, 2003.**

4. **Resorbable Laminated Repair Film and Method of Using Same R-5827  
Patent No. US 7,417,174 B2 Issued: August 26, 2008.**
5. **Imprinted Xerogels for Screening of Upper Aerodigestive Tract Malignancies  
(Provisional Patent), March, 2006.**
6. **Non-Invasive Screening Device for Upper Aerodigestive Tract Neoplasia  
(Provisional Patent) Ref: R-6094, February, 2007.**
7. **Method for Diagnosis of Physiological States by Detecting Patterns of Volatile Analytes R-6094  
12/069,662 (Non-Provisional Patent) Filed: February 11, 2008.**
8. **Primary Oral Epithelial Cell Isolation and Culture: Provisional Patent (docket number pending).**

### **Funding**

4/09 - 4/11 NIH	<b>Principal Investigator: Cartwright AN (NIH-1-R21-EB009506-01) Co-Investigators: Hicks WL Jr, Bright FV, Hard R Realtime Sensing of Wound Microenvironment State University of New York at Buffalo - \$562,788</b>
8/08 - 8/10 Dept. of Defense	<b>Principal Investigators: Clausen E, Hicks WL Jr, Gardella J Wound Healing and Tissue Repair Consortium Grant with Roswell Park Cancer Institute, State University of New York at Buffalo, and Daemen College - \$1,000,000</b>
3/06 - 3/08 John R. Oishei Foundation	<b>Principal Investigator: Bright FV Co-Investigators: Cartwright A, Hicks WL Jr, Govindaraju V, Titus A Program in Disease Detection by Odor Typing - \$400,000</b>
9/20/04 - 7/31/07 IR-13 N.I.H. Training Grant	<b>Principal Investigator: Gardella J (R13-DK69503-01) Co-Investigators: Hicks WL Jr, Hard R, Bright FV, Bizios R, Lwebuga-Mukasa J Short Programs for Interdisciplinary Research Training: Summer Research Institute in Biomedical Materials Science &amp; Engineering - \$600,000 (10% effort)</b>
RO1 subcontract	<b>Hicks WL Jr, Kuriakose A, Chen A Biogel Cytokine Delivery of Head and Neck Cancers New York University School of Dentistry - \$60,000</b>

- 10/00 - 10/01  
 NIH Submission  
 Pilot Program F-01  
 SUNY at Buffalo
- University Pilot Programs. Synthesis and Characterization of a Synthetic Bioengineered Replacement Basement Membrane for the Large Conducting Airway (Trachea). Polymer Materials Chemistry, Protein Structure and Function, Cell and Tissue Growth and Dynamics and Evaluation in Complex *In-vitro* Models - \$30,000
- 8/1/99 - 6/01/02
- Principal Investigator:** Core Grant Supplement:  
 Roswell Park Cancer Institute  
 Bioengineer Basement Membrane - \$170,000
- 1/97 - 1/98
- Co-Investigators:** Tristram D, Hard R, Hicks WL Jr  
 Human Respiratory Epithelium: A Novel Model for RSV Infection. Funded by the Women and Children's Health Research Foundation, Buffalo, NY - \$28,694 (10% effort)
- 11/97 - 11/98
- Principal Investigator:** The Temporal Relationship Between Growth Factors and Inflammatory Cytokines During Repair of the Large Conducting Airway: Roswell Park Alliance Foundation Grant - Competitive Entramural Funding, Buffalo, NY - \$20,000 (10% effort)
- 1/96 - 1/97
- Co-Investigators:** Tristram D, Hard R, Hicks WL Jr  
 Human Respiratory Epithelium; a Novel Model for RSV Infection. Funded by the Women and Children's Health Research Foundation, Buffalo, NY - \$28,694 (10% effort)
- 11/96 - 11/97
- Principal Investigator:** Core Grant Supplement. Roswell Park Cancer Institute, Epithelial Response to Wounding in In Vitro Tracheal Model, Competitive Intramural Funding, Buffalo, NY - \$25,000 (10% effort)
- 2/92 - 2/97
- Principal Investigator:** NIH Grant K08 DC00056-01.  
 In Vitro Model Human Respiratory Epithelial Cell - \$505,050 (60% effort)