

Historical List of CORE Grant Recipients

1985 CORE Grants

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Timothy Kaiser, MD: *The Flow Cytometric Effects of Hyperthermia and Photoradiation on Squamous Carcinoma Cells in vitro*

1986 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

Douglas E. Dawson, MD: *Antiproliferative Antibodies to Squamous Cell Carcinoma of the Head and Neck*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Stephen P. Cass, MD: *Compensation after Labyrinthectomy and Vestibular Nerve Section in Cats*

1987 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

Dan J. Castro, MD: *Argon Laser Phototherapy of Human Tumors Sensitized with Rhodamine 123: Intracellular Mechanisms of Action*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Robert Culberson, MD: *Correlations of Squamous Cell Carcinoma Metastatic Potential to the Presence of Somatic Fusion Production*

1988 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

Daniel J. Franklin, MD: *An Experimental Analysis of the Effects of Repeated Sound Exposure*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Perry M. Santos, MD: *Effect of Hyperbaric Oxygen on Peripheral Nerve Regeneration Following Injury*

1989 CORE Grants

AAO-HNSF Resident Research Award

Jonathon S. Sillman, MD: *Functional EleCenterical Stimulation of Denervated Facial Muscles in Rabbits*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Carter Van Waes, MD, PhD: *Microbiology of Cancer Suppressor Genes in Head and Neck Cancer*

1990 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

Mark C. Loury, MD: *Purification and Characterization of Human Odorant Binding Protein*

Phillip A. Wackym, MD: *Localization of Nicotinic Acetylcholine Receptor Subunit mRNA in the Vestibular Periphery*

AAO-HNSF Percy Memorial Research Award

Ramon M. Esclamado, MD: *The Laryngeal Brain Stem Evoked Response as a Predictor for Fatal Reflex Apnea*

AAO-HNSF Resident Research Award

Michael D. Seidman, MD: *The Protective Effects of Allopurinol, U74006F, and Superoxide Dismutase on Noise-Induced Hearing Loss*

Edwin M. Overholt, MD: *Developmental Changes in Interaural Delay*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Briana Heniford West, MD: *EGF Receptor Regulation in Oral Squamous Cell Carcinoma*

1991 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

John M. Truelson, MD: *Cytogenetic Changes in Squamous Cell Carcinoma of the Upper Aerodigestive Tract*

Richard L. Scher, MD: *Expression and Function of the Intercellular Adhesion Molecule on Squamous Cell Carcinoma*

AAO-HNSF Percy Memorial Research Award

David B. Hom, MD: *Vascular Effects of Sustained Fibroblast Growth Factors*

AAO-HNSF Resident Research Award

Janice D. Janas, MD: *Cochlear Hair Cell Regeneration*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Rick A. Friedman, MD, PhD: *Cloning the Insertion Site of a Transgenic Inner Ear Mutant*

1992 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

J. Christopher Post, MD: *PCR Identification of M. Catarrhalis DNA in Chronic Otitis Media with Effusion*

AAO-HNSF Percy Memorial Research Award

Jay F. Piccirillo, MD: *Rhinosinusitis Outcomes Research: Instrument Validation*

AAO-HNSF Resident Research Award

Jay T. Rubinstein, MD, PhD: *Single-Fiber Models of Electrical Stimulation*
Robert N. Strominger, MD: *Neural Regeneration in the Damaged Mammalian Cochlea*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Thomas M. Jung, MD, PhD: *An Alpha-6 Beta-4 mRNA Deletion May Aid Prognosis of Head and Neck Cancer*

PSF/AAO-HNSF Combined Grant

Perry M. Santos, MD: *Effect of Sustained Release Nerve Growth Factor and Laminin from a Bioresorbable Nerve Guidance Channel on Nerve Regeneration*

1993 CORE Grants

AAOA/AAO-HNSF Combined Research Grant

Fuad Barood, MD: *Effects of Temperature and Humidity on Nasal Allergic Responses*

AAO-HNSF Earleen Elkins Research Training Award

Jonathan C. Irish, MD: *Epidermal Growth Factor and Ligand Interaction - the Use of Organoid Cultures as a Model for Study*

AAO-HNSF Resident Research Award

Anthony Rogerson, MD: *Recovery of Laryngeal Function after Laser and Stripping Injury*

Benzion Goldwyn, MD: *Role of the Peptidergic System During Noise Exposure*

K. Brian Romaneschi, MD: *Mediators of Neuronal Changes in Acquired Deafness*

Scott E. Strome, MD: *Gene Therapy: Potential Applicability to the Immunotherapy of Metastatic Tumors*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Paul B. Brechtelsbauer, MD: *Nitric Oxide and Cochlear Blood Flow*

PSF/AAO-HNSF Combined Grant

Richard Rival, MD: *The Osteoneogenic Potential of Temporal and Periosteal Flaps*

1994 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

Markus Gapany, MD: *Role of Casein Kinase 2 (CK-2) in Squamous Cell Carcinoma of the Head and Neck*

Moufid Abdo, MD: *Evoked Otoacoustic Emissions in Patients on Hemodialysis*

Wendell Yarbrough, MD: *EMS1 Amplification, Expression, and PHospitalhorylation in Head and Neck Squamous Cell Carcinoma*

AAO-HNSF Resident Research Award

Gregory Hyde, MD: *Mitochondrial Role in Auditory Neuron Survival Following Deafness*

Kathleen Billings, MD: *Apoptosis in Squamous Cell Carcinoma of the Head and Neck*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Jill C. Beck, MD: *Human Papilloma Virus in Nasal Inverted Papilloma*

PSF/AAO-HNSF Combined Grant

William M. Kuzon, MD: *Muscle-Nerve-Muscle Neurotization in Laryngeal and Somatic Muscles*

1995 CORE Grants

AAOA/AAO-HNSF Combined Research Grant

Anil Gungor, MD: *The Role of Neuropeptides in the Genesis of Nasal Polyps*

AAO-HNSF Earleen Elkins Research Training Award

Frederic Pugliano, MD: *A Clinical Staging System for Oral Cavity Cancer*

Lisa Orloff, MD: *Transmural Heparin to Prevent Microvascular Thrombosis*

AAO-HNSF Percy Memorial Research Award

Richard L. Scher, MD: *In Vivo Assessment of Vascular Adhesion of Squamous Carcinoma*

AAO-HNSF Resident Research Award

Alice Kuntz, MD: *Effects of TGF α on Inner Ear Extra Sensory Cells in Rats*

Derek Jones, MD: *Development of Implantable Cochlear Nerve MicroeleCenterode for Prosthetic Stimulation of Auditory System*

Joseph Hegarty, MD: *Factors Preventing Apoptosis in Spiral Ganglion Neurons*

Monte O. Harris, MD: *Expression of Human Papilloma Virus in Nasal Inverted Papilloma*

Norwich-Eaton/Procter &
Gamble/Mallinckrodt Resident Research
Grants

PSF/AAO-HNSF Combined Grant

Oneida Arosarena, MD: *Enhancement of
Cell-Mediated Immunity against Head and
Neck Squamous Cell Carcinoma*

Paul Hoff, MD: *Vascularized Periosteum and
Perichondrium in Tracheal Reconstruction*

Thanh-van Nguyen, MD: *Micromechanics of
Outer Hair Cell Lateral Wall*

Jesse Salmeron, MD: *Tissue Oxygen
Tension Monitoring in Free Bone Transfer*

1996 CORE Grants

AAOA/AAO-HNSF Combined Research
Grant

Martin DesRosiers, MD: *Nasal Responses
to Challenges with Occupational Agents*
Timothy L. Smith, MD: *The Role of Nitric
Oxide as a Mediator of Nasal Allergy in
Rat*

AAO-HNSF Earleen Elkins Research
Training Award

Howard W. Francis, MD: *Neurophysiology of
the Deafferented Rat Cochlear Nucleus*

AAO-HNSF Health Services Research Grant

Judith Cho Lieu, MD: *Pediatric Sinusitis
Outcomes Study*
Richard Gliklich, MD: *Assessment of Quality
of Life Outcomes in Patients with Unilateral
Vocal Fold Paralysis*

AAO-HNSF Percy Memorial Research Award

Carol A. Bauer, MD: *A Behavioral Model of
Chronic Tinnitus in Rats*

AAO-HNSF Resident Research Award

David Dillard, MD: *Effects of TGF- β 1 on
Healing and ECM Expression*
Eben L. Rosenthal, MD: *Membrane Type
Metallo-proteinase in Squamous Cell
Carcinoma*
Marlan R. Hansen, MD: *Intracellular
Signaling Mechanisms in Spiral Ganglion
Neuron Survival*
Paul Bikhazi, MD: *Familial Unilateral
Acoustic Neuroma: A New Syndrome or a
Variable Expression of NF II?*
Lawrence R. Lustig, MD: *Efficacy of Direct
and Adeno-associated, Virus-Mediated
Neurotrophin-3 in Preventing Neural
Degeneration*

Norwich-Eaton/Procter &
Gamble/Mallinckrodt Resident Research
Grants

Douglas Trask, MD, PhD: *Modulation of
Chemosensitivity in Squamous Cell Tumors*

PSF/AAO-HNSF Combined Grant

Eric Genden, MD: *Alloantigen-specific Immunosuppression/Nerve Allograft Transplantation*

1997 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

Cherie-Ann Nathan, MD: *Tumor Marker e1F-4E in the Diagnosis and Prognosis of Head and Neck Cancer*

AAO-HNSF Health Services Research Grant

Ramon Franco, MD: *Obstructive Sleep Apnea -- Quality of Life Impact Survey (OSA-20)*

Robin Brody, MD: *Caregiver Assessment of Hearing Loss for Children with OME*

AAO-HNSF Percy Memorial Research Award

Carol R. Bradford, MD: *Predicting Organ Preservation in Advanced Laryngeal Cancer*

AAO-HNSF Resident Research Award

Ben Leff, MD: *Adoptive Immunotherapy for Subcutaneous Tumor*

Patrick Byrne, MD: *Molecular Detection of Tumor Response and Disease Progression in Head and Neck Carcinoma*

Pavan Reddy, MD: *Effects of Aldosterone and Spironolactone on Inner Ear Microvasculature*

Vanessa Smith, MD: *Differential Regulation of Adhesion Molecule Expression on T Cells with Potent Antitumor Activity*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Yael Raz, MD: *Molecular Mechanisms of Thyroid Signaling Hormone in the Developing Organ of Corti*

AAOA/AAO-HNSF Combined Research Grant

Robert L. Ferris, MD, PhD: *Basic Mechanisms of Transmembrane Protein Trafficking and Antigen Processing Reactions*

1998 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award

Kenley W. Chin, MD: *Health Status and Biographic Staging of Rhinosinusitis*

Leila A. Mankarious, MD: *Mechanisms of Growth and Development of the Human Cricoid Cartilage*

Michael A. Spafford, MD: *Detection of Head and Neck Squamous Cell Carcinoma Using Microsatellite Analysis of Saliva*

AAO-HNSF Health Services Research Grant

AAO-HNSF Percy Memorial Research Award	<p>Afshin Parhiscar, MD: <i>Can Patient Satisfaction with Decisions Predict Compliance with Surgical Therapy?</i></p> <p>Dory Durr, MD: <i>Validity of Quebec French Rhinosinusitis Outcome Measure</i></p> <p>Patti C. Huang, MD: <i>Development of a New Outcome Measure for Patients with Dysphagia</i></p>
AAO-HNSF Resident Research Award	<p>Ian N. Jacobs, MD: <i>Gene Therapy in the Prevention of Subglottic Stenosis</i></p>
AHNS/AAO-HNSF Young Investigator Research Development Award	<p>Brook Seeley, MD: <i>T Cell Homing Mechanisms in Adoptive Immunotherapy</i></p> <p>Charles Limb, MD: <i>Age-related Development of Synapses in the Cochlear Nuclei of Mice: Effects of Deafness</i></p> <p>Charles Tseng, MD: <i>Cells Involved in Cochlear Nerve Fiber Regeneration</i></p> <p>Jeffrey Faulkner, MD: <i>Growth and Development of Homograft Tracheal Transplant</i></p>
Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants	<p>Jeffrey N. Myers, MD, PhD: <i>Biochemoprevention of Premalignant Lesions of the Larynx</i></p> <p>John Song, MD: <i>Retinoid Modulation of Autocrine Growth in Squamous Cell Carcinoma</i></p>
XoMedical Award for Excellence in Clinical Research	<p>Ted A. Meyer, MD, PhD: <i>Modeling Word Recognition in Adult Cochlear Implant Users</i></p> <p>Michael A. Spafford, MD: <i>Detection of Head and Neck Squamous Cell Carcinoma Using Microsatellite Analysis of Saliva</i></p>

1999 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award	<p>Edward M. Weaver, MD, MPH: <i>Correlation between Physiologic Parameters by Polysomnography and QOL Measures in Adult Patients with OSA Syndrome</i></p> <p>Eric M. Genden, MD: <i>Donor Specific Immunosuppression to the Laryngotracheal Complex</i></p>
AAO-HNSF Health Services Research Grant	<p>Marcella Bothwell, MD: <i>Long-term Outcome of Facial Growth After Pediatric Functional Endoscopic Sinus Surgery</i></p>

AAO-HNSF Percy Memorial Research Award	Stephen S. Park, MD: <i>Tissue Engineered Cartilage Grown from Human Chondrocytes</i>
AAO-HNSF Resident Research Award	Timothy E. Hullar, MD: <i>Response Dynamics of Irregular Vestibular Afferents</i> Brian Gastman, MD: <i>Molecular Mechanisms of Squamous Cell Carcinoma of the Head and Neck Induced Apoptosis of T Lymphocytes</i> Hamid Djalilian, MD: <i>GMCSF-Based Vaccine in the Treatment of Squamous Cell Carcinoma in Rats</i> John Sinacori, MD: <i>Aging in the Human Lateral Cricoarytenoid Muscle</i>
AHNS/AAO-HNSF Surgeon Scientist Award Combined Grant	Lyon Gleich, MD: <i>Alloantigen Therapy for Head and Neck Cancer</i>
AHNS/AAO-HNSF Young Investigator Research Development Award	M. Abraham Kuriakose, MD: <i>Immunotherapy of Head and Neck Squamous Cell Carcinoma with Biodegradable Microspheres</i>
ANS/AAO-HNSF Herbert Silverstein Otolaryngology and Neurotology Research Award	Lawrence R. Lustig, MD: <i>The Characterization of $\alpha 9$, the Nicotinic Hair Cell Acetylcholine Receptor, in Human Inner Ear Tissue</i>
Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants	Elizabeth Redd, MD: <i>Analysis of Primary Synapses in the Congenitally Deaf White Cat</i>
XoMedical Award for Excellence in Clinical Research	John Lasak, MD: <i>Characterization of the Untranslated Regions of the Neurofibromatosis Type 2 Gene</i>

2000 CORE Grants

AAO-HNSF Earleen Elkins Research Training Award	Andrew P. Lane, MD: <i>Inflammatory Mediators in Allergic Fungal Sinusitis</i>
AAO-HNSF Health Services Research Grant	David Kay, MD: <i>Quality of Life for Children with Persistent Sinonasal Symptoms</i>
AAO-HNSF Percy Memorial Research Award	Robert M. Naclerio, MD: <i>Role of TH1 Cells in Acute Bacterial Sinusitis</i>
AAO-HNSF Resident Research Award	Marta Taylor Becker, MD: <i>Cytokeratins as Molecular Markers for Head and Neck Cancers</i> Miriam Lango, MD: <i>Mutant EGFR in Head and Neck Cancer</i>

	<p>Paul Leong, MD: <i>STAT3 As an Anti-apoptotic Target for SCCHN</i></p> <p>Richard Bergstrom, MD: <i>Modulation of Adoptive Immunotherapy Using Tumor Draining Lymph Nodes by Anti-DC40 Monoclonal Antibody</i></p> <p>John Germiller, MD: <i>Otocyst Cell Lines as Models of Hair Cell Development</i></p>
AHNS Pilot Grant	<p>Joseph Sniezek, MD: <i>Cell Cycle Research with Squamous Cell Carcinoma of the Head and Neck</i></p> <p>Jeffrey Moyer, MD: <i>Dendrimer Nanotechnology for the Treatment of Squamous Cell Cancers of the Head and Neck</i></p>
AHNS/AAO-HNSF Young Investigator Research Development Award	<p>Douglas Frank, MD: <i>The AD-p53-Mediated Bystander Effect: Investigating the Role of Gap Junctional Intercellular Communication</i></p>
ANS/AAO-HNSF Herbert Silverstein Otology and Neurotology Research Award	<p>David R. Friedland, MD, PhD: <i>Maturation of Terminal Endings in the Cochlear Nucleus</i></p>
Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants	<p>Sven-Olrik Streubel, MD: <i>Investigation of the Three-dimensional Properties of the Vestibulo-ocular Reflex</i></p>
PSF/AAO-HNSF Combined Grant	<p>F. Robert Glatz, MD: <i>Reconstruction of the Rabbit Trachea using Cultured Tracheal Epithelium with an Autograft Cartilaginous Framework</i></p>
The Triological Career Development Award	<p>Ronald de Venecia, MD, PhD: <i>Identifying the Interneurons of Acoustic Reflexes</i></p>

2001 CORE Grants

AAO-HNSF Health Services Research Grant	<p>Alexander Ovchinsky, MD: <i>Placebo Response and Otitis Media Outcomes</i></p>
AAO-HNSF Percy Memorial Research Award	<p>Todd Loehrl, MD: <i>Role of Dysautonomia in Upper Airway Inflammation</i></p> <p>M. Jennifer Derebery, MD, FACS: <i>Pilot Study of the Effectiveness of Famvir in Meniere's Disease</i></p>
AAO-HNSF Resident Research Award	<p>Michael Pitman, MD: <i>Thyroid fluorescence - Using Fluorescence SpeCenteroscopy to Diagnose Thyroid Disease</i></p>

AHNS Pilot Grant	<p>Norman Ge, MD: <i>Effects of Anti-inflammatory Agents on Hearing Loss, Fibrosis, and Neo-ossification in Experimentally Induced Labyrinthitis Ossificans</i></p> <p>Daniel Rothbaum, MD: <i>Robotic Microsurgery in Otology: The Steady Hand in Stapedotomy</i></p> <p>Greg Davis, MD: <i>Predicting Quality of Life After Treatment for Chronic Sinusitis</i></p> <p>Michael Srodes, MD: <i>Role of Chemokines in Medialiating Tumor Regression Following Adoptive Immunotherapy</i></p> <p>Stephen Y. Lai, MD, PhD: <i>Extracellular Matrix Regulation of Head and Neck Cancers</i></p> <p>Tamekia Wakefield, MD: <i>Characterization of the anti-tumor T-cell immune response to autologous and allogenic murine dendritic cells priMedical with irradiated tumor</i></p>
AHNS/AAO-HNSF Young Investigator Research Development Award	<p>Elizabeth Sisk, MD: <i>A Pilot Study Investigating DNA Tumor Viruses in Head and Neck Carcinoma</i></p> <p>Lori Kornberg, MD: <i>Genetic Changes in Head and Neck Cancers</i></p>
ALA-ALVRE Award	<p>Paul Spring, MD: <i>Characterization and Modulation of Multidrug Resistance in Anaplastic Thyroid Carcinoma</i></p>
ARS New Investigator Award	<p>Yolanda Heman-Ackah, MD: <i>Effects of Hypoxia on the Laryngeal Chemoreflex</i></p>
ARS Resident Research Grant	<p>David Conley, MD: <i>Apoptosis in the Aging Olfactory Mucosa</i></p>
ASPO Research Grant	<p>Larry Burton, Jr., MD: <i>The Immune Response to Fungi in Chronic Sinusitis and Allergic Rhinitis</i></p>
GlaxoSmithWellcome Clinical Research Fellowship	<p>Judith E. Lieu, MD: <i>Prediction of Hearing Loss in High Risk Newborns</i></p>
Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants	<p>Carol S. Shores, MD, PhD: <i>Detection of Occult Cervical Metastasis in Head and Neck Squamous Cell Carcinoma</i></p>
PSF/AAO-HNSF Combined Grant	<p>Alan Gi-Lun Cheng, MD: <i>Molecular Studies of Hair Cell Death: Caspase Activation and Inhibition</i></p>

The Triological Career Development Award

Daphne Bascom, MD: *Effects of Oral Antioxidant Therapy on Graft Survival*

XoMedical Award for Excellence in Clinical Research

John Schweinfurth, MD: *Use of the Organotypic (Raft) Epithelial Culture System to Examine the Pathogenesis of Human RPV*

Robert Ferris, MD, PhD: *Cytolytic Immune Response to p53 in Head and Neck Cancer*

Albert H. Park, MD: *Ropivacaine Injection for Pediatric Adenotonsillectomy*

2002 CORE Grants

AAFPRS Leslie Bernstein Resident Research Grant

Samson Lee, MD: *Differential Genomic Expression Analysis of Craniosynostosis and its Relation to Apoptosis*

AAO-HNSF Resident Research Award

Mike Shin, MD: *The Role of Cytokines in Nasal Polyp Formation*

Angela Powell-Davis, MD: *A Role for Vitamin D3 in the Treatment of Human Head and Neck Squamous Cell Carcinoma*

Bridget Hathaway, MD: *Tumor-derived, DNA-based Vaccines for SCCHN*

Karin Hotchkiss, MD: *Ion Channel Protein Interactions in the Mammalian Ear*

Pamela Roehm, MD: *Apoptosis Induced By Transtympanic Gentamicin Injection*

Robert Cullen, MD: *Neuronal Responses to Bilateral Cochlear Implants*

Samuel Gubbels, MD: *Tracheal Reconstruction Using Porcine Small Intestine Submucosa in a Rabbit Model*

Walter Lee, MD: *Allogenic Tumor Hybrid Cells As Basis for Tumor Vaccine*

AHNS Pilot Grant

Wen Jiang, MD: *Identification of CSMD1 Binding Partners*

Matthew Wolpoe, MD: *Immunotherapy in NEU+/p53- Mice with Salivary Cancer*

AHNS/AAO-HNSF Young Investigator Research Development Award

Richard Wong, MD: *Herpes Virus Oncolytic and Immunostimulatory (IL 12) Gene Therapy for Cancer*

AHRF Wiley H. Harrison Memorial Research Award

Quinton Gopen, MD: *Unbiased Stereologic Estimates of Spiral Ganglion Cells and Auditory Nerve Fibers in Normal and Pathologic Human Temporal Bones*

ANS/AAO-HNSF Herbert Silverstein Otolaryngology and Neurotology Research Award

Rose Mary Stocks, MD: *Regional Chemoprotection Against Cisplatin-induced Hearing Loss*

ARS New Investigator Award

Karen Fong, MD: *Influence of Estrogen on Maturation of Olfactory Neurons*

GlaxoSmithWellcome Clinical Research Fellowship

Andrew P. Lane, MD: *Olfactory Neuron Function in Chronic Sinusitis*

Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants

Lee Akst, MD: *T-lymphocyte Response to HER2 neu in Head and Neck Tumors*

The Triological Career Development Award

Boyd Gillespie, MD: *Swallowing Outcomes After Head and Neck Cancer Treatment*

Cecilia Canto, MD: *Opportunistic Infections Involving the Vestibular-Auditory Pathways in AIDS*

Michael Underbrink, MD: *Effect of Human Herpes Virus-8 on Human Papillomavirus Transformed Cell Lines*

Timothy E. Hullar, MD: *Information Transfer by Vestibular Nerve Afferents*

XoMedical Award for Excellence in Clinical Research

Angela Powell-Davis, MD: *A Role for Vitamin D3 in the Treatment of Human Head and Neck Squamous Cell Carcinoma*

2003 CORE Grants

AAFPRS Leslie Bernstein Resident Research Grant

David Hicks, MD: *Effect of TGF- β on nasal septal chondrocytes in alginate*

AAO-HNSF Earleen Elkins Research Training Award

Stephen Y. Lai, MD, PhD: *Hypoxia-inducible Factor 1 (HIF-1) Modulates HNSCC Growth and Invasion*

AAO-HNSF Percy Memorial Research Award

Duane Sewell, MD: *Cancer Immunotherapy for HPV+ Head and Neck Tumors*

AAO-HNSF Resident Research Award

Andrew Gaut, MD: *Genetically Targeted Radiotherapy of Head and Neck Cancer*

Chris Oliver, MD: *Targeting Apoptosis Resistance in Head and Neck Cancer*

David Poetker, MD: *A Novel Vaccine Strategy for Papilloma Virus*

AHNS Pilot Grant

Mark Jameson, MD, PhD: *Insulin-like Growth Factor System in Head and Neck Cancer*

AHNS/AAO-HNSF Young Investigator
Research Development Award

AHRF Wiley H. Harrison Memorial Research
Award

ALA-ALVRE Award

ANS/AAO-HNSF Herbert Silverstein Otolaryngology
and Neurotology Research Award

ARS Resident Research Grant

ASPO Research Grant

Norwich-Eaton/Procter &
Gamble/Mallinckrodt Resident Research
Grants

PSF/AAO-HNSF Combined Grant

The Triological Career Development Award

Eben L. Rosenthal, MD: *The Role of
EMMPRIN in Head and Neck Squamous Cell
Carcinoma*

Yael Raz, MD: *SLIT/ROBO Signaling in the
Developing Auditory System*

Christopher Hartnick, MD: *Development
and Maturation of the Pediatric Vocal Chord*

Clifford Hume, MD, PhD: *Hair Cell Induction
in the Postnatal Organ of Corti*

Alex Bien, MD: *Nasal Mucosal Sensitivity in
Young and Old*

Joel Perloff, MD: *Evaluation of Biofilms in
Chronic Sinusitis*

Scott Brietzke, MD: *Pulse Transit Time and
Pediatric Sleep-disordered Breathing*

James Chan, MD: *Inner Ear Injury in
Autoimmune Sensorineural Hearing Loss*

Dana Smith, MD: *Bone Regeneration in Rats
Using BNMP-2 AND VEGF Plasmid DNA*

Craig A. Buchman, MD: *Pathogenesis of
Viral Otitis Media*

David Friedland, MD, PhD: *Differential Gene
Expression in the Cochlear Nucleus*

Farrel Buchinsky, MD: *Genetics of
Papilloma-induced Voice Disturbance*

2004 CORE Grants

AAFPRS Leslie Bernstein Investigator
Development Grant

David Kim, MD: *Functional Rhinoplasty:
Multicenter Prospective Outcomes*

AAFPRS Leslie Bernstein Resident Research
Grant

Amir Karamzadeh, MD: *Modulation of Keloid
Growth Using Photodynamic Therapy*

AAOA/AAO-HNSF Combined Research
Grant

Anton Chen, MD: *Expression of Surfactant
Protein in Otitis Media*

AAO-HNSF Earleen Elkins Research
Training Award

Eric Kezirian, MD, MPH: *OSA Evaluation
with Propofol-induced Sleep Endoscopy*

Priya Krishna, MD: *Fibroblast
Transplantation for Vocal Fold Repair*

AAO-HNSF Health Services Research Grant	Marina Boruk, MD: <i>Caregiver Well-being and Child Quality of Life</i>
AAO-HNSF Percy Memorial Research Award	Gary L. Clayman, MD, DDS: <i>Characterization Of Lektin in Head and Neck Cancer</i> Steven Goudy, MD, PhD: <i>IRF-6 Depends on BMP-2, BMP-4, and SHH in Palatogenesis</i>
AAO-HNSF Resident Research Award	David Hicks, MD: <i>Effect of TGF-β on Nasal Septal Chondrocytes in Alginate</i> Lee Ching Anderson, MD: <i>Effects of Intratympanic Gentamicin on Canal Cristae</i> Michael Shinnars, MD: <i>Myogenic Regulatory Factors in Rabbit Laryngeal Muscles</i> Nathan Sautter, MD: <i>Outcome of Acoustic Injury in MCP-1/CCR-2 Knockout Mice</i> Randall Taylor, MD: <i>Microarray Analysis of NF Kappa-B and PPAR Gamma in HNSCC</i> Scott Thompson, MD: <i>Estrogen Blockade and Otoacoustic Emissions</i>
AHNS Pilot Grant	Douglas Reh, MD: <i>Role of Smad4 in HNSCC Formation and Progression</i> Kepal Patel, MD: <i>Anti-MUC1 Targeting in Aggressive Thyroid Cancer</i>
AHNS/AAO-HNSF Young Investigator Research Development Award	Jeffrey S. Wolf, MD: <i>Head and Neck Cancer Growth Suppression by Lactoferrin</i>
ANS/AAO-HNSF Herbert Silverstein Otolaryngology and Neurotology Research Award	Alan Micco, MD: <i>In Vivo Mapping of Implant EleCenterode Current Pathways</i>
ARS New Investigator Award	James Palmer, MD: <i>Assessment of Bacterial Biofilms in Sinusitis</i>
ARS Resident Research Grant	Joseph Raviv, MD: <i>EleCenterical Olfactory Responses After Axotomy in Mice</i> Michele St. Martin, MD: <i>Aerosol Deposition Efficiency in the Paranasal Sinuses</i>
ASPO Research Grant	Nalin Patel, MD: <i>Cidofovir-modulated Gene Expression in RRP</i>
GlaxoSmithWellcome Clinical Research Fellowship	Giovana R. Thomas-Smith, MD: <i>Stress and Immunity in Patients with Head & Neck Cancer</i>
Norwich-Eaton/Procter & Gamble/Mallinckrodt Resident Research Grants	Marc D. Eisen, MD: <i>EleCenterode Interaction in Pediatric Cochlear Implants</i>

The Triological Career Development Award

David Roberson, MD: *Effect of Limited Work Hours on Errors in Otolaryngology*

Edward M. Weaver, MD, MPH: *Nasal Obstruction and Sleep Apnea Treatment Outcomes*

Sandeep Kathju, MD: *Molecular Analysis of Mucosal Wound Healing*

Yael Raz, MD: *Inner Ear Morphogenesis in slit3^{-/-} Mice*

Kevin Brown, MD: *Autocrine Regulation of Vestibular Schwannoma Growth*

Samir Khariwala, MD: *Donor Bone Marrow and Laryngeal Allograft Tolerance*

2005 CORE Grants

AAFP RS Leslie Bernstein Resident Research Grant

Brian Chung, MD: *Novel HA-based Biomaterials for Soft Tissue Augmentation*

Vincent Chan, MD: *Inhibition of MSC Activity in Cutaneous Wound Healing*

AAO-HNSF Earleen Elkins Research Training Award

Marc Eisen, MD: *EleCenterophysiology of the Implanted Congenitally Deaf Cat*

AAO-HNSF Health Services Research Grant

David O. Francis, MD: *Surveillance Strategies and Outcomes in Head & Neck Cancer*

AAO-HNSF Percy Memorial Research Award

Carol S. Shores, MD, PhD: *Microarray analysis prediction of cisplatin sensitivity*

AAO-HNSF Resident Research Award

Aaron Friedman, MD: *Dendritic Cells and Laryngeal Transplantation*

Derek Lam, MD: *Development of a Composite Measure of the Nasal Airway*

Felipe Santos, MD: *Hair Cell Toxicity*

Jayakar Nayak, MD: *Antigen Processing Machinery in SCCHN*

Ricardo Cristobal, MD: *Gene Expression in Stem Cells from the Inner Ear*

Scott Schraff, MD: *Immunomodulatory Genes in CMV-related Inner Ear Injury*

AHNS Pilot Grant

Emiro Caicedo-Granados, MD: *In Vivo Effects of Resveratrol on Tumorigenesis*

Seungwon Kim, MD: *Therapy of Thyroid Carcinoma with Erbitux and Avastatin*

AHNS/AAO-HNSF Surgeon Scientist Award Combined Grant

Jeffrey Moyer, MD: *Immunotherapy of Head and Neck Squamous Cell Cancers*

AHNS/AAO-HNSF Young Investigator Research Development Award

Steven Wang, MD: *Hyaluronan Signaling in Head and Neck Cancer Progression*

AHRF Wiley H. Harrison Memorial Research Award

John Germiller, MD: *Stimulating Auditory Nerve Growth with Embryonic Factors*

ANS/AAO-HNSF Herbert Silverstein Otolaryngology and Neurotology Research Award

Romaine Johnson, MD: *Mitochondrial Mutation Screening in At-risk Infants*

ARS New Investigator Award

Rodney J. Schlosser, MD: *Surfactant Proteins A and D in Chronic Sinusitis*

ARS Resident Research Grant

Luc Morris, MD: *Nasal Airway Physiology during Stages of Sleep*
Murugappan Ramanathan, MD: *The Role of Toll-like Receptors in Chronic Sinusitis*

ASPO Research Grant

Rebecca Stone, MD: *OSD in Failure to Thrive: Prevalence and Growth Effects of Tonsillectomy*

GlaxoSmithWellcome Clinical Research Fellowship

Marion Couch, MD, PhD: *Allogeneic Vaccines with Immunomodulation for Oral Cancer*

2006 CORE Grants

AAO-HNSF Health Services Research Grant

Karthik Balakrishnan, MD: *Evaluation of a Comprehensive Sleep Apnea Disease Severity Staging System*

AAO-HNSF Percy Memorial Research Award

Wendell G. Yarbrough, MD: *Effect of P13K Inhibition in HPV-associated HNSCC*

AAO-HNSF Resident Research Award

Matthew Provenzano, MD: *Pharmacologic Up-regulation of the Sodium Iodine Symporter in Thyroid Carcinoma*

Paul Weinberger, MD: *Molecular Analysis of Human Papilloma Virus-associated Oropharyngeal Cancer*

Robert Kang, MD: *Validation of a Music Perception Test for Adult Cochlear Implants*

Stephen Weber, MD: *Role of AKT in Progression of Head and Neck Squamous Cell Carcinoma*

Mark S. Weinberger, MD: *Modulation of Adhesion Molecule Expression in Nasal Allergy*

AHNS Pilot Grant

AHNS/AAO-HNSF Young Investigator
Research Development Award

AHRF Wiley H. Harrison Memorial Research
Award

ARS New Investigator Award

ARS Resident Research Grant

ASPO Research Grant

Sinus and Allergy Health Partnership

The Triological Career Development Award

Chad Galer, MD: *Cadherin Expression in
Invasion and Metastasis of Squamous Cell
Carcinoma*

Christine Gail Gourin, MD: *Serum Protein
Profiling of Head and Neck Squamous Cell
Cancer*

Michael Kupferman, MD, PhD: *Preclinical
Modeling of a Novel Inhibitor of STAT3
Signaling in HNSCC*

Ted A. Meyer, MD, PhD: *Signal Detection
with Cochlear Implants*

Alexander Chiu, MD: *Efficacy of Topical
Lactoferrin and Antibiotics in an Animal Model
of Sinusitis*

Sumana Jothi, MD: *The EleCentro-
Olfactogram (EOG) in the Diagnosis of
Olfactory Dysfunction*

Amber Luong, MD: *The Role of Non-IgE
Inflammatory Pathway in Allergic Fungal
Rhinosinusitis*

Manali Amin, MD: *The Effects of Gastro-
esophageal Acid Suppression on Post-
tonsillectomy Pain*

Noam Cohen, MD: *Altered Sinonasal Ciliary
Dynamics in Chronic Rhinosinusitis*

Bradley Kesser, MD: *An In Vitro Model
System to Study Gene Transfer in the Human
Inner Ear*

Diego Preciado, MD: *Mechanisms of
Inflammatory and Smoke-induced Mucin
Gene Activation in OM*

Priya Krishna, MD: *PriMedical Fibroblasts
and Decorin: Two Novel Therapies to Treat
Vocal Fold Scarring*

2007 CORE Grants

AAFPRS Leslie Bernstein Grant

Regan Thomas, MD: *Rejuvenation of Skin w/
Anti-wrinkle Creams: Studies in the hairless
mouse*

Travis Tollefson, MD: *Restoration of Eyelid
Closure in Facial Paralysis Using Artificial
Muscle*

AAFPRS Leslie Bernstein Resident Research Grant	Christian Lane Stallworth, MD: <i>Coblation Thermal Reformation of Cartilage</i>
AAO-HNSF Health Services Research Grant	Seth M. Cohen, MD: <i>Impact of Dysphonia in the Primary Care Community</i>
AAO-HNSF Maureen Hannley Research Training Award	Albert H. Park, MD: <i>Development of a Guinea Pig Model for CMV Induced Sensorineural Hearing Loss</i> Pamela Roehm, MD, PhD: <i>The Role of Neurotrophins in HSV-1 Latency in a Vestibular Neuritis Model</i>
AAO-HNSF Percy Memorial Research Award	Richard Orlandi, MD: <i>Development of an Animal Model for Sinus Wound Healing</i> Rodney J. Schlosser, MD: <i>Sublingual Immunotherapy: Clinical and Immunologic Outcomes</i>
AAO-HNSF Resident Research Award	Alexander Tell Hillel, MD: <i>Bioactive Polymer System to Engineer Adipose Tissue</i> Angela A. Chang, MD: <i>Tissue Engineering of Human Nasal Septal Cartilage in a Perfusion Bioreactor</i> Chris Cederberg, MD: <i>Clinical Correlation Between Strial Presbycusis and Cardiovascular Disease</i> David O. Francis, MD: <i>Reevaluation of GERD as a Risk Factor for Laryngeal Cancer</i> Jonathan Yew Ming Ting, MD: <i>Validating a Novel Speech Discrimination Test in Hearing-Impaired Infants</i> Michael Edward Stadler, MD: <i>Effects of TLRs 4 & 9 on an Allogeneic Whole Cell GM-CSF-Secreting Tumor Vaccine</i> Paula Janelle Harmon, MD: <i>Viral response to Chemotherapy in Endemic Burkitt Lymphoma</i> Ryan Palivela Raju, MD, MBA: <i>Role of the Wnt pathway in Oropharyngeal and Hypopharyngeal Cancer</i> Sarah Louise Rohde, MD: <i>The Role of VEGF in Isolated Cleft Palate</i> Selena Eldora Heman-Ackah, MD: <i>Prevention of Age-Related Hearing Loss in C57BL Mice</i>
AAO-HNSF Resident Research Award sponsored by Xoran Technologies, Inc.	Thuy-Anh Nguyen Melvin, MD: <i>The Effects of Cochlear Implantation of Vestibular Function</i>

AHNS Alando J. Ballantyne Resident
Research Pilot Grant

Vivian Faye Wu, MD: *Stage-Specific Roles of Stat 3 in HNSCC Development and Progression*

AHNS Pilot Grant

Andres Lopez Albaitero, MD: *Immune Activation by EGFR-specific mAB Therapy for Head and Neck Cancer*

AHNS/AAO-HNSF Surgeon Scientist Award
Combined Grant

Maie St. John, MD, PhD: *Combination EGFR And Cox-2 Inhibition in HNSCC: Understanding And Targeting EMT*

AHNS/AAO-HNSF Young Investigator
Research Development Award

Andrew Gregory Sikora, MD, PhD: *Inducible Nitric Oxide Synthase (iNOS) as a Therapeutic Target in Melanoma*

Mihir R. Patel, MD: *Immunohistochemical Microarray Gene Expression Differences of Thyroid Neoplasms*

AHRF Wiley H. Harrison Memorial Research
Award

Adam Markaryan, PhD: *Mitochondrial DNA Deletion In Cochlear Tissues and Presbycusis*

ALA-ALVRE Award

Valarie Cote, MD: *Validation of a Pediatric Reflux Finding Score and Questionnaire*

ARS New Investigator Award

Jayant Pinto, MD: *Regulatory T cells in Chronic Rhinosinusitis*

ARS Resident Research Grant

Benjamin Saul Bleier, MD: *In Vivo Laser Tissue Welding in the Rabbit Paranasal Sinus*
Sachin Parikh, MD: *Virtual Surgical Rehearsal for Pre-op Planning in Frontal Recess Sinus Surgery*

ASPO Daiichi Innovative Technology Grant

Samuel Ostrower, MD: *Genetic Changes in the Pharyngeal Mucosa of Children Exposed to Secondhand Smoke*

ASPO Research Grant

David Hartemink, MD: *Gene Expression in the Middle Ear Epithelium of the Chinchilla*
Sung K Moon, MD, PhD: *Role of the Spiral Ligament Fibrocyte in Otitis Media-included Inner Ear Inflammation*

PSF/AAO-HNSF Combined Grant

Arash Moradzadeh, MD: *Characterization of Schwann Cell Migration Into Peripheral Nerve Allografts*

The Triological Career Development Award

Ana H. Kim, MD: *Role of the Gap Junctions in Inner Ear Hair Cell Ototoxicity and Regeneration*

Christine Gail Gourin, MD: *Proteomic Analysis of Patient with Head and Neck Squamous Cell Carcinoma*

Seungwon Kim, MD: *Concomitant Targeting of EGFR and VEGFR in Head and Neck Cancers*

Steven Goudy, MD, PhD: *Irf6 is Critical in Palate Development and Interacts with Fgf8, Fgf10 and Tbx1*

Walter Lee, MD: *Immunotherapy Using Allogenic Squamous Cell Tumor-Dendritic Cell Fusion Hybrids*

2008 CORE Grants

AAOA/AAO-HNSF Combined Research Grant

Xiaoyang Hua, MD: *Role of Adenosine in Chronic Rhinosinusitis*

AAO-HNSF Health Services Research Grant

Jamie Litvack-Robinson, MD: *Role of Depression in the Outcomes of Endoscopic Sinus Surgery*

AAO-HNSF Maureen Hannley Research Training Award

John Sok, MD: *Characterization of Collagen Type11alpha1 in Head and Neck Cancer*

AAO-HNSF Percy Memorial Research Award

Alan Cheng, MD: *Hair cell regeneration: chimeric chicken/mouse ears*

Mark Prince, MD: *Development of an efficient model for the study of HNCC cancer stem cells*

Baran Sumer, MD: *Functionalized nanotubular polymeric particles for targeted cancer imaging*

AAO-HNSF Rande H. Lazar Health Services Research Grant

Amy Anne Lassig, MD: *The effect of treating institution on outcomes in head and neck cancer*

AAO-HNSF Resident Research Award

Ronna Hertzano, MD: *Characterization of cluster of differentiation proteins in the mouse inner ear*

Daniel Jethanamest, MD: *Frequency map fitting for postlingually deaf cochlear implant users*

Mark Lorenz, MD: *Tissue-Engineered Cochlear Implants: A Murine Stem Cell Model*

Lynn Chiu, MD: *Screening for ototoxic drugs: mammalian validation*

AAO-HNSF Resident Research Award sponsored by Xoran Technologies, Inc.	Landon Duyka, MD: <i>Hormone Receptors Identified in Vascular Malformations of the Head and Neck</i>
AHNS Alando J. Ballantyne Resident Research Pilot Grant	Jeremy Meier, MD: <i>Fluorescence SpeCenteroscopy in Oral Cavity Cancer</i>
AHNS Pilot Grant	Eric Snyder, MD: <i>Injury Threshold Detection in Optical Nerve Stimulation</i>
AHNS/AAO-HNSF Young Investigator Research Development Award	Jennifer Hsia, MD: <i>Gene expression profiling of fluorescently labeled mouse spiral ganglion neurons</i>
AHRF Wiley H. Harrison Memorial Research Award	Harry Hwang, MD: <i>Efficacy of topiramate in patients with vestibular migraines</i>
ALA-ALVRE Award	Kevin Wang, MD: <i>CT-guided Frequency-Place Mapping for Bilateral Cochlear Implant Patients</i>
ANS/AAO-HNSF Herbert Silverstein Otolaryngology and Neurotology Research Award	Rolando Rosas, MD, MSc: <i>Differentiation of squamous cancers with PPAR gamma</i>
ARS New Investigator Award	Christopher Towe, MD: <i>Characterizing the Inhibition of SCCRO by Ubiquitinated Proteins</i>
ARS Resident Research Grant	Daniel Schneider, MD: <i>Human Papilloma Virus Association with HNSCC</i>
	Brandon Bentz, MD: <i>Non-Retinoid Metabolite's of beta-Carotene and p53 in Head and Neck Cancer</i>
	Mark Jameson, MD, PhD: CABYR: <i>A Novel Cancer-Testis Antigen in Head and Neck Squamous Cell Carcinoma</i>
	Judith Lieu, MD, PhD: <i>Inter-regional brain interactions in children with unilateral hearing loss</i>
	Dinesh Chhetri, MD: <i>In vivo measurements of vocal fold stiffness.</i>
	Joseph Roche, MD: <i>Long term changes in synaptic function of cells in the rat auditory cortex</i>
	Bradley Otto, MD: <i>The Role of Epithelial Cells in Chronic Rhinosinusitis with Nasal Polyps</i>
	Monica Patadia, MD: <i>Mechanisms of B-Cell Recruitment in Chronic Rhinosinusitis with Nasal Polyps</i>

ASPO Daiichi Innovative Technology Grant

Frederick Roediger, MD: *Microarray Analysis of Chronic Rhinosinusitis*

ASPO Research Grant

Shelby Leuin, MD: *In Vivo Optical Microscopy of the Pediatric Vocal Fold*
Randall Harris, MD: *Genetics of Moraxella catarrhalis resistance to human antimicrobial peptides*
Phillip Zald, MD: *Innate Immune Response Gene Polymorphisms in Otitis Media*
Scott Stephan, MD: *Repair of a facial critical size defect using injectable tissue engineered bone*

PSF/AAO-HNSF Combined Grant

Richard Gurgel, MD: *Contribution of Merlin Inactivation in Facial Nerve Schwann Cell Regeneration*

The Triological Career Development Award

Michael Kupferman, MD: *Critical Role of TrkB for Invasion and Metastasis in Head and Neck Cancer*

Abraham Jacob, MD: *Combination EGFR and AKT Pathway Inhibition for Treating Vestibular Schwannoma*

Kenneth Lee, MD, PhD: *Eph-ephrin signaling in cochlear innervation*

Carol Bier-Laning, MD: *Loss of heterozygosity initiated by apoptotic DNA cleavage in head & neck cancer*

Devraj Basu, MD, PhD: *Therapy Resistance in Cancer Stem Cells of Head and Neck Squamous Cell Carcinoma*

2009 CORE Grants

AAOA/AAO-HNSF Combined Research Grant

Jiri Prazma, MD, PhD: *Immunologic effects of LPS on OVA-induced Eustachian tube dysfunction in rats*

AAO-HNSF Percy Memorial Research Award

Ravindra Uppaluri, MD: *Contribution of chemokine receptor CXCR3 to cutaneous squamous cell carcinoma*

Silvana M. Papagerakis, MD: *Metastatic and invasive behavior of head and neck cancer stem cells*

AAO-HNSF Resident Research Award

Betty S. Tsai, MD: *Effect of cochlear capsule bone matrix material properties on hearing*

Dylan K. Chan, MD: *Cochlear stem-cell therapy for mammalian hair-cell regeneration*

Eli R. Groppo, MD: *Oropharyngeal Human Papillomavirus (HPV) colonization and anogenital dysplasia*

Jack R. Schleiffarth, MD: *A Zebrafish Model for Cleft Lip and Palate*

James E. Lupo, MD: *Physiological assessment of middle ear implant stimulation of the round window*

Jason Bloom, MD: *Laser Facial Nerve Welding in a Rabbit Model*

Jonathan C. Kopelovich, MD: *Gene expression changes in the rat spiral ganglion with electrical stimulation*

Jonathan Skirko, MD: *Quality of Life Instruments in Velopharyngeal Insufficiency (VPI)*

Kalpesh Vakharia, MD: *Facial Nerve Paralysis and Darbepoetin*

Lauren A. Kilpatrick, MD: *The Role of SDF-1 and Hematopoietic Stem Cells in Spiral Ganglion Preservation*

Noel Jabbour, MD: *Validated Objective Assessment Tools for Airway Endoscopy Simulation*

Osarenoma U. Olomu, MD: *Psychophysics of the Aging Vestibular System*

Pavan S. Mallur, MD: *Characterization of 532nm Pulsed KTP-Induced Scar Modulation in the Rat Larynx*

Uchekukwu C. Megwalu, MD: *DIM Inhibits Stem Cell Mediated Neovascularization in Thyroid Disease*

Vivian F. Wu, MD: *New mechanisms that regulate c-Myc oncogenic activity in HNSCC*

Stephanie A. Shintani Smith, MD: *Computed Tomography of Cochlear Soft Tissues at a Cellular Level*

AAO-HNSF Resident Research Award sponsored by Xoran Technologies, Inc.

Alec Vaezi, MD, PhD: *Implications of abnormal mitosis in chromosomal instability and tumorigenesis*

AHNS Alando J. Ballantyne Resident Research Pilot Grant

Raewyn Seaberg, MD, PhD: *MECT1-MAML2 fusion transcript in patients with mucoepidermoid carcinoma*

AHNS Pilot Grant

Neil Gross, MD: *Phase I/II Study of Postoperative Adjuvant Chemoradiation for Cutaneous SCC/N*

AHNS/AAO-HNSF Surgeon Scientist Award Combined Grant

AHNS/AAO-HNSF Young Investigator Research Development Award	Babak Givi, MD: <i>Pathway as a determinant of vaccinia oncolytic efficacy in thyroid cancer</i> Rutherford Ongkeko, MD, PhD: <i>BMI1 in head and neck squamous cell carcinoma stem cells</i>
AHRF Wiley H. Harrison Memorial Research Award	Matthew L. Bush, MD: <i>In vitro and in vivo response to HDAC inhibitors by vestibular schwannomas</i>
ASPO Research Grant	Garani Nadaraja, MD: <i>Mechanisms of Aminoglycoside Uptake in Murine Hair Cells</i> Johannes Grimmer, MD: <i>Determining if mutation in region 7q32 is the genetic cause of PHACES syndrome</i> Scott Brietzke, MD: <i>Objective Analysis of Pediatric Snoring Before and After Adenotonsillectomy</i>
DRF Centurion Clinical Research Grant	Mark Eckert, MD: <i>Neural Changes Underlying Speech-Perception Training in the Aging Brain</i>
PSF/AAO-HNSF Combined Grant	Richard Zoumalan, MD: <i>Prevention of radiation-induced skin fibrosis by topical gene therapy</i>
The Triological Career Development Award	Alan Cheng, MD: <i>The role of Wnt signaling in maintaining the inner ear stem cells</i> Jeffrey Scott Magnuson, MD: <i>Proactive Approach to Dysphagia in Head and Neck Cancer Patients</i> Michael Pitman, MD: <i>A Rat Model of Recurrent Laryngeal Nerve Injury: Investigation of RLN Motoneurons</i> Pamela Roehm, MD: <i>Role of TrkB in Maintenance of Latency in a Culture Model of Vestibular Neuritis</i> Steve C. Lee, MD: <i>Modulators of immune activation by anti-EGFR monoclonal antibodies in SCCHN</i>

2010 CORE Grants

Alcon Foundation/AAO-HNSF Resident Research Grant	Haena Kim, MD: <i>Bacterial inhibition by innate antimicrobials in chronic rhinosinusitis</i>
AAFPRS Leslie Bernstein Grant	Elizabeth Whiting Chance, MD: <i>Tissue engineered, 3D dermal implant prefabrication using nanofiber scaffolds</i>

AAFP RS Leslie Bernstein Resident Research Grant	<p>Melynda Barnes, MD: <i>The neuroprotective effects of copaxone after facial nerve injury</i></p> <p>Joshua Weissman, MD: <i>Evaluation of radiofrequency therapy for lateral nasal wall collapse</i></p>
AAOA Foundation Research Grant	<p>Murugappan Ramanathan, MD: <i>The role of allergen specific T cells in chronic sinusitis with nasal polyps</i></p>
AAO-HNSF Resident Research Award	<p>Marcelo Antunes, MD: <i>Tobacco smoke mediated induction of upper airway bacterial biofilms</i></p> <p>Jolie Chang, MD: <i>Otoacoustic emissions and cochlear efferent function in Parkinson's disease</i></p> <p>John P. Dahl, MD, PhD, MBA: <i>Flexible cartilage in microtia repair: umbilical cord stem cells on Nano-Implant</i></p> <p>Taylor Fordham, MD: <i>Therapeutic potential of topical antioxidants in CRS</i></p> <p>Joseph E. Hall, MD: <i>Modulation of inflammatory signaling in acute phonotrauma</i></p> <p>Summer Hanson, MD: <i>Adipose derived MSCs with a hydrogel scaffold for soft tissue augmentation</i></p> <p>Nancy Judd, MD: <i>Anti-tumorigenic activity of zoledronate in oral cavity squamous cell carcinoma</i></p> <p>Abie H. Mendelsohn, MD: <i>Acoustic effects of asymmetric laryngeal stimulation</i></p> <p>Matthew W. Miller, MD: <i>Distribution and trafficking of cisplatin within the cochlea</i></p> <p>Rick F. Nelson, MD, PhD: <i>Defining the role of CatSper ion channels in the cochlea</i></p> <p>Peter Revenaugh, MD: <i>Characterization of tyramine-based hyaluronan as a cartilage substitute</i></p> <p>Sunitha M. Sequeira, MD: <i>MicroCT-assisted evaluation of superior canal dehiscence</i></p> <p>Rahul Seth, MD: <i>Facial nerve neurotization and the effects of glucocorticoids</i></p>
AAO-HNSF Maureen Hannley Research Training Award	<p>Corinna G. Levine, MD: <i>The impact of sleep surgery on the quality of life of sleep apnea patients</i></p>
AAO-HNSF Percy Memorial Research Award	<p>Amy Chen, MD: <i>Comparative effectiveness of laryngeal cancer treatment using SEER-Medicare</i></p>

	<p>Spencer Payne, MD: <i>Expression of LTE4 receptors in aspirin exacerbated respiratory disease</i></p> <p>Jonathan Skirko, MD: <i>Effect of interaction of allergic rhinitis and CPAP</i></p> <p>Andre M. Wineland, MD: <i>Resting-state neural connectivity in patients with tinnitus without bother</i></p>
AAO-HNSF Rande H. Lazar Health Services Research Grant	<p>Amy Chen, MD: <i>Reporting of quality initiatives in head and neck cancer; a feasibility study</i></p>
AHNS Pilot Grant	
	<p>Mihir K. Bhayani, MD: <i>Enhancing radiosensitivity through inhibition of the STAT3/HIF1 pathway in HNSCC</i></p>
	<p>Osamu Tetsu, MD, PhD: <i>Improvement of EGFR targeted therapy for salivary gland adenoid cystic carcinoma</i></p>
AHNS Alando J. Ballantyne Resident Research Pilot Grant	<p>Vlad Constantin Sandulache, MD, PhD: <i>Targeting glycolysis in head and neck squamous cell carcinoma</i></p>
AHNS/AAO-HNSF Young Investigator Research Development Award	<p>Thomas J. Ow, MD: <i>TP53 gain of function mutation in head and neck squamous cell carcinoma</i></p>
	<p>Yelizaveta Shnayder, MD: <i>Intralymphatic delivery of cisplatin-hyaluronic acid conjugate in a mouse model</i></p>
AHRF Wiley H. Harrison Memorial Research Award	<p>Joseph Capt Clarke, MD: <i>Directing spiral ganglion neurite growth on micropatterned methacrylate polymers</i></p>
The Triological Career Development Award	<p>Oliver Franz Adunka, MD: <i>Electrophysiologic correlates of intracochlear electrode positioning</i></p>
	<p>Peter C. Belafsky, MD, PhD, MPH: <i>The effect of allergens and pollution on laryngeal inflammation</i></p>
	<p>Eunice Yuzu Chen, MD, PhD: <i>Tissue oxygenation and optimizing intervention for wound healing</i></p>
	<p>Stacey Lynn Ishman, MD: <i>Pharyngeal anatomic & functional measures in persistent pediatric sleep apnea</i></p>
	<p>Kourosh Parham, MD, PhD: <i>The effects of the bisphosphonates on otosclerotic osteoblasts</i></p>

ALA-ALVRE Award

Adam Mikial Zanation, MD: *Prospective clinical trial evaluating morbidity after skull base tumor surgery*

ANS/AAO-HNSF Herbert Silverstein Otolaryngology and Neurotology Research Award

Marvin P. Fried, MD: *Epithelial barrier function following vocal fold injury*

ARS New Investigator Award

Yuri Agrawal, MD: *Physiology of vestibular dysfunction and clinical implications*

Alan Gi-Lun Cheng, MD: *Blockade of aminoglycoside entry into hair cells*

ARS Resident Research Grant

Sarah K. Wise, MD: *Characterization of human sinonasal intercellular junctional proteins*

Garrett Griffin, MD: *Nasal packing as a drug-delivery system postoperatively in chronic sinusitis*

Marika Dubin Russell, MD: *Single vs. combined anti-leukotriene therapy in the treatment of CRS*

Jessica Chunhan Shen, MD: *Inflammatory cytokine modulation of sinonasal ciliary dynamics*

ASPO Research Grant

Jennifer K. Mulligan, PhD: *Contribution of vitamin D deficiency to immune dysfunction in children with CRS*

Albert H. Park, MD: *Vaccination strategy for congenital CMV sensorineural hearing loss*

DRF Centurion Clinical Research Grant

Craig A. Buchman, MD: *Auditory neuropathy spectrum disorder in children*

Olympus/AAO-HNSF Resident Research Grant

Caroline A. Banks, MD: *Macrophage differentiation and function in chronic rhinosinusitis*

2011 CORE Grants

AAO-HNSF Resident Research Grant
Sponsored by The Alcon Foundation

Candice C. Colby, MD: *Genetic Assay of Newborns Who Fail Auditory Physiologic Screening*

AAO-HNSF Resident Research Grant
Sponsored by the Oticon Foundation

Yu-Lan Mary Ying, MD: *Role of Sirt3 in Hearing Preservation*

AAO-HNSF Resident Research Grant
Sponsored by Olympus

Robbi A. Kupfer, MD: *Spontaneous laryngeal reinnervation following recurrent laryngeal nerve injury*

AAO-HNSF Resident Research Award

Arnaud F. Bewley, MD: *Defining cetuximab's impact on HNSCC subpopulation dynamics and invasiveness*

Baishakhi Choudhury, MD: *The Treatment of Otitis Media with Effusion using CpG Oligodeoxynucleotides*

Daniel R. Clayburgh, MD, PhD: *Changes in gene expression in metastatic cutaneous squamous cell carcinoma*

Nathan Jowett, MD: *Osseointegration Following Ultrafast Laser Ablation Osteotomy*

Anton M. Kushnaryov, MD: *Rabbit Nasal Defect Model and Repair with Autogenous Engineered Septal Cartilage*

Jennifer Yoon Lee, MD: *Novel Murine Model of Granulation Tissue in Laryngotracheal Stenosis*

Joshua R. Mitchell, MD: *Biochemical basis for early vs. delayed vocal fold mobilization after microflap*

Marcus M. Monroe, MD: *Functional and Clinical Significance of Lgr6 Expression in Head and Neck Cancer*

Jeffrey Phillips, MD: *Curcumin inhibits UV radiation-induced cutaneous squamous cell carcinoma in vivo*

Marsha S. Reuther, MD: *Hypoxia modulated tissue engineering of human nasal septum*

Javad A. Sajan, MD: *Validated Assessment Tools for Reconstructing Facial Defects in Simulation*

Bryan K. Ward, MD: *Diabetes and Inner Ear Vestibular Dysfunction*

AAO-HNSF Percy Memorial Research Award

Alexis Donneys, MD: *A Combined Approach for Managing Mandibular Non-Unions After Radionecrosis*

Christine G. Gourin, MD: *The Effect of Volume on Long-Term Outcomes and Costs of Head and Neck Cancer*

Kenneth H. Lee, MD, PhD: *Enhanced Cochlear Implant Signal Transfer With Carbon Nanotube Coated Electrodes*

Pamela C. Roehm, MD, PhD: *Injuries and Mechanisms Causing HSV1 Reactivation in Peripheral Neurons*

AHNS Pilot Grant

Waleed M. Abuzeid, MD: *STAT3 inhibition for the treatment of head and neck cancer*

AHNS Alando J. Ballantyne Resident Research Pilot Grant	Sunshine M. Dwojak, MD: <i>Outcomes among American Indians in South Dakota with Squamous Cell Carcinoma</i>
AHNS/AAO-HNSF Young Investigator Research Development Award	Jonathan R. George, MPH, MD: <i>Case-control study of a novel head and neck squamous cell carcinoma biomarker</i> Natalya Chernichenko, MD: <i>The Role of Rho Family Proteins in Perineural Invasion by Cancer Cells</i> Paul M. Weinberger, MD: <i>Minimally invasive multiplexed assays for the detection of thyroid cancer</i>
AHRF Wiley H. Harrison Memorial Research Award	Tara Rachakonda, MD: <i>Validity, discriminative ability and sensitivity to change of the HEAR-QL</i>
ARS New Investigator Award	Holly Boyer, MD: <i>Office-sclerotherapy for epistaxis due to hereditary hemorrhagic telangiectasia</i>
ARS Resident Research Grant	Samuel L. Oyer, MD: <i>Inflammatory role of fibroblasts in chronic rhinosinusitis</i> Nicholas C. Sorrel, MD: <i>Manuka Honey for Management of CRS – an in vitro and in vivo Analysis</i>
ASPO Research Grant	Joseph Haddad, Jr., MD: <i>Identification of Genes Associated with Familial Non-syndromic Cleft Lip/Palate</i> Marci Lesperance, MD: <i>Development of a cost-effective algorithm for evaluation of genetic hearing loss</i>
DRF Centurion Clinical Research Grant	James E. Saunders, MD: <i>Genetic Hearing Loss in Remote Nicaraguan Families</i>
AAFPRS Leslie Bernstein Grant	Robin W. Lindsay, MD: <i>Development of Comparative Effectiveness Tools in Facial Paralysis</i> J. Regan Thomas, MD: <i>Experimental Studies on Photo Aging in the Mouse model</i>
AAFPRS Leslie Bernstein Resident Research Grant	Sang Woo Kim, MD: <i>Histologic Changes Following Sensory Neuroprotection of Facial Musculature</i>

PSF/AAO-HNSF Combined Grant

Iram N. Ahmad, MD: *Role of p75NTR and Merlin in Schwann Cell Response Following Facial Nerve Injury*

The Triological Career Development Award

Ronna Hertzano, MD, PhD: *Cell type-specific genome-wide mapping of protein-DNA interactions in the ear*

Bruce K. Tan, MD: *The Role of Autoimmunity in Chronic Sinusitis with Nasal Polyps*

2012 CORE Grants

AAO-HNSF Resident Research Grant
Sponsored by The Alcon Foundation

Robert Eppsteiner, MD: *Genetic Contribution to Cochlear Implant Performance*

AAO-HNSF Resident Research Grant
Sponsored by the Oticon Foundation

Elena B. Willis, MD: *Boosting Speech Perception after Cochlear Implantation with Tablet Software*

AAO-HNSF Resident Research Grant
Sponsored by Olympus

Corinna G. Levine, MD: *Modification and Validation of a Quality of Life Comorbidity Index*

AAO-HNSF Resident Research Award

Morgan R. Bliss, MD: *Laryngeal reanimation with a high density electrode array*

Paula Borges, MD: *Aldehyde Dehydrogenase Inhibitors as Anti-Head and Neck Cancer Compounds*

David Tan-Wei Chang, MD, PhD: *Protein-engineered hydrogel as a delivery vehicle for mouse inner ear stem cells*

Rebecca J. Hammon, MD: *The Role of Apoptosis in Clinical Response of HNSCC to Cisplatin Therapy*

Matthew Hubbard, MD: *Use of Nanoimmunoassay to Predict Response to Targeted Therapy in HNSCC*

Brian Kellermeyer, MD: *The role of EdnrB in central auditory pathway development*

Benjamin C. Paul, MD: *Localized Gene Silencing in Vocal Fold Injury*

Marsha S. Reuther, MD: *Volume Expansion and Reshaping of Tissue Engineered Human Septal Cartilage*

Marisa Ryan, MD: *Prognostic Value of Tregs in Sentinel Lymph Nodes in Head and Neck Melanoma*

Vlad C. Sandulache, MD, PhD: *MRI based evaluation of metabolic targeting in anaplastic thyroid cancer*

	<p>Nicole Schmitt, MD: <i>Role of Osteopontin in Cisplatin Toxicity</i></p> <p>Andrew G. Shuman, MD: <i>Decision-Making in Laryngeal Cancer</i></p> <p>Steven Sperry, MD: <i>Defining Two Distinct Quiescent Subpopulations within Head and Neck Cancers</i></p> <p>Marietta Tan, MD: <i>The role of aquaporin-1 in salivary gland adenoid cystic carcinoma</i></p> <p>Jeffrey B. Watson, MD: <i>In vitro compaction of tissue engineered human septal cartilage</i></p> <p>Andre M. Wineland, MD: <i>Novel computer-based approach to assess the cognitive impact of tinnitus</i></p>
AAO-HNSF Maureen Hannley Research Training Award	<p>Rodrigo Silva, MD: <i>RNA-targeting approach to prevent ear canal stenosis</i></p> <p>Joshua Tokita, MD: <i>Merlin, a tumor suppression protein, inhibits neurite growth</i></p>
AAO-HNSF Percy Memorial Research Award	Yen-fu Cheng, MD: <i>Novel strategy for deafness treatment-Posttranslational Atoh1 regulation by Sox2</i>
AAO-HNSF Health Services Research Grant	Alexander Langerman, MD: <i>Antibiotic Usage in Head and Neck Surgery</i>
AAO-HNSF Rande H. Lazar Health Services Research Grant	Emily F. Boss, MD, MPH: <i>Influence of Socioeconomic Status on Patient Experience in Pediatric OHNS</i>
AHNS Pilot Grant	<p>John W. Frederick, MD: <i>Anti-CD147 inhibits EGFR signaling in cutaneous squamous cell carcinoma</i></p> <p>Daria Gaykalova, PhD: <i>Transcription Factor Signature of Head and Neck Squamous Cell Carcinoma</i></p>
AHNS Alando J. Ballantyne Resident Research Pilot Grant	Neerav Goyal, MD, MPH: <i>Determining the Association between Radon Levels and Thyroid Cancer</i>
AHNS/AAO-HNSF Young Investigator Research Development Award	Allen Szu Hao Ho, MD: <i>Mutational characterization of adenoid cystic carcinoma</i>
AHRF Wiley H. Harrison Memorial Research Award	Alan G. Gheng, MD: <i>Characterizing hair cell regeneration in the mouse utricle</i>
ALA-ALVRE Award	Jennifer Long, MD: <i>In vivo vocal fold cover layer replacement</i>

ALA-Nestle Nutrition Institute Dysphagia Research Grant

Cara Stepp, PhD: *Voluntary Control of Anterior Neck Musculature in Parkinsonian Dysphagia*

ANS/ AAO-HNSF Herbert Silverstein Otolaryngology and Neurotology Research Award
ARS New Investigator Award

Nathan Schularick, MD: *p75NTR Signaling in Vestibular Schwannomas*

ARS New Investigator Award

Benjamin S. Bleier, MD: *MDR1/P-gp Overexpression and Negative Feedback Insensitivity in CRSwNP*

ARS Resident Research Grant

Henry P. Barham, MD: *Investigation into Nasal Solitary Chemoreceptor Cells*
Adrienne M. Laury, MD: *Periostin and RANKL Expression in Allergic Fungal Rhinosinusitis*

Knowles Center Collaborative Grant

Anna Lysakowski, PhD: *Protein Composition of the Striated Organelle in Vestibular Hair Cells*

AAFPRS Leslie Bernstein Resident Research Grant

Gregg W. Schmedes, MD: *Novel biofeedback therapy for facial paresis/paralysis*

AAFPRS Leslie Bernstein Investigator Development Grant

Vijay Ramakrishnan, MD: *Endoscopic repair of skull base defects with synthetic hydrogel matrices*

The Triological Career Development Award

Wade Wei-De Chien, MD: *Gene therapy for genetic hearing loss*

Anne Getz, MD: *Adverse Outcomes in Endoscopic Skull Base and Sinus Surgery*

Ian N. Jacobs, MD: *Tissue-Engineered Rabbit Model for Pediatric Laryngotracheal Reconstruction*

Jayakar V. Nayak, MD, PhD: *Basal cells in maintenance and regeneration of the nasal epithelium*

Melissa Pynnonen, MD: *Rhinosinusitis: Variations in care and opportunities for improvement*