

# TRIOLOGICAL SOCIETY THESES

## EXAMPLES BY CATEGORIES

### **CLINICAL RESEARCH**

Sleep MRI: Dynamic characteristics of the airway during sleep in obstructive sleep apnea syndrome

Rapid molecular detection of metastatic head and neck squamous cell carcinoma as an intraoperative adjunct to sentinel lymph node biopsy

Survival and prognostic factors unique to surgically treated p16+ oropharyngeal cancer

Evidence of extraesophageal reflux in idiopathic subglottic stenosis

Hypertension, hyperlipoproteinemia and chronic noise exposure: Is there synergism in cochlear pathology? (1986 Mosher Award)

Vestibular effects of cochlear implantation (2004 Mosher Award)

Abnormal sensorimotor integrative function of the larynx in congenital laryngomalacia: A novel new theory of etiology (2006 Mosher Award)

The impact of electrode type and surgical approach on scalar electrode location and hearing outcomes in cochlear implantation (2014 Mosher Award)

Safety and efficacy of once daily intranasal gentamycin irrigation compared to isotonic saline in the treatment of pediatric chronic rhinosinusitis (2011 With Distinction)

### **BASIC RESEARCH**

Embryological innervations of the rat laryngeal musculature: A model of investigation of recurrent laryngeal nerve innervations

Isolation of common respiratory viral pathogens in chronic rhinosinusitis with and without nasal polyps using polymerase chain reaction

Potential for promoting recurrent laryngeal nerve regeneration by remote delivery of viral gene therapy

Inflammatory mediators drive metastasis and drug resistance in head & neck squamous cell carcinoma

A transgenic insertional inner ear mutation on mouse chromosome1 (2000 Fowler Award)

Laser stimulation of single auditory nerve fibers (2010 Fowler Award)

Surgery with molecular navigation using fluorescently labeled injectable systemic probes (2012 Fowler Award)

Improving patient care via a protein-based diagnostic test for microbe-specific detection of chronic rhinosinusitis (2013 Fowler Award)

## **HEALTH SERVICES RESEARCH**

Analysis of factors affecting outcome and cost of head and neck oncologic surgery at academic medical centers in the United States

The epidemiology of juvenile onset recurrent respiratory papillomatosis derived from a population level national database

Hearing results and quality of life after streptomycin/dexamethasone perfusion for Meniere's disease

Clinical and quality of life outcomes following gland preserving surgery for chronic salivary disorders:

Computerized data base of drug interactions (1985 Mosher Award)

Validation of a clinical assessment score for pediatric sleep-disordered breathing (2012 Mosher Award)

Cost-utility assessment of bilateral cochlear implantation: A health economic evaluation in adults from the perspective of a publicly funded program (2013 Mosher Award)

Impact of dysphonia in a primary care population: An epidemiological investigation (2010 Clinical Honorable Mention)

## **ORL STATUS AND TRENDS**

The sub-specialization of rhinology: a survey of otolaryngology residency programs in the U.S.

Use of Lean Sigma principles in a tertiary otolaryngology clinic to improve efficiency

Cleft lip - Cleft palate in Zimbabwe: Estimating the distribution of the surgical burden of disease using geographic information systems

Otolaryngology- head and neck surgery in undergraduate medical education: Advances and Innovations

Epiglottitis in the United States: National trends, variances, prognosis, and management

Peritonsillar abscess: Incidence, current management practices and a proposal for treatment Guidelines (1995 Mosher Award)

Laryngeal cancer in the United States: changes in demographics, patterns of care and survival (2006 Mosher Award)

How does coordinated multidisciplinary care impact head and neck tumor treatment planning? A prospective evaluation of a multidisciplinary tumor conference (2013 Mosher Award)

Rising incidence of oropharyngeal squamous cell carcinoma in Colorado and the United States and the potential role of oncogenic human papilloma virus (2007 Clinical Honorable Mention)

## **TECHNOLOGY/PROCEDURE DEVELOPMENT**

A Phase One clinical trial to determine the safety and efficacy of autologous fibroblast cellular injection therapy for treatment of vocal fold scarring

Evaluation of Hybrid-L24® electrode using micro-computed tomography Image-guided navigational surgery in otology

Crosslinked hydrogel & polyester resorbable ventilation tubes in a chinchilla model

Surgery with molecular navigation using fluorescently-labeled injectable systemic probes

Local vascularized flaps for augmentation of Reinke's space (2010 Basic Honorable Mention)

Virtual temporal bone dissection system: Development and testing (2011 Clinical Honorable Mention)

## **HISTORICAL PERSPECTIVES**

A study of some aspects of deaf education from an otolaryngological viewpoint (1984 Mosher Award)

The influence of the "Final Cause Doctrine" on anatomists of the 16th and 17th centuries concerning selected anatomical structures of the head and neck (2012 With Distinction)