

Ian M Humphreys, DO

Department of Otolaryngology- Head & Neck Surgery
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Employment:

- 2015 - Present UNIVERSITY OF WASHINGTON SCHOOL OF MEDICINE, Seattle, WA
Assistant Professor
Department of Otolaryngology- Head & Neck Surgery
- 2015 - Present VETERNS AFFAIRS PUGET SOUND HEALTH CARE SYSTEM, Seattle, WA
WOC Consulting Physician
Otolaryngology- Head & Neck Surgery
- 2014 - 2015 STANFORD UNIVERSITY SCHOOL OF MEDICINE, Stanford, CA
Clinical Instructor
Department of Otolaryngology- Head & Neck Surgery
- 2014 - 2015 VETERNS AFFAIRS PALO ALTO HEALTH CARE SYSTEM, Palo Alto, CA
WOC Consulting Physician
Otolaryngology - Head & Neck Surgery

Education:

- 2005 - 2009 LAKE ERIE COLLEGE OF OSTEOPATHIC MEDICINE, Erie, PA
Doctor of Osteopathic Medicine
Summa Cum Laude
Psi Sigma Alpha Distinction
- 1999 - 2004 UNIVERSITY OF PITTSBURGH, Pittsburgh, PA
Bachelor of Science in Biology
Concentration in Chemistry

Postgraduate

Training:

- 2014 - 2015 STANFORD UNIVERSITY SCHOOL OF MEDICINE, Stanford, CA
Stanford Hospitals and Clinics
Fellowship in Rhinology and Endoscopic Skull Base Surgery
- 2009 - 2014 MICHIGAN STATE UNIVERSITY, Detroit, MI
Detroit Medical Center
Residency in Otolaryngology Head & Neck Surgery
- 2004 - 2005 UNIVERSITY OF PITTSBURGH, Pittsburgh, PA
University of Pittsburgh Cancer Institute
Research Specialist II
- 2004 UNIVERSITY OF PITTSBURGH, Pittsburgh, PA
University of Pittsburgh School of Medicine
Autopsy & Pathology Internship

Licensure:

- 2015 - Present Washington
Unrestricted, License # OP60569306
- 2014 - 2015 California
Unrestricted, License # 13090

Professional**Certifications:**

2015 - 2017 Advanced Cardiovascular Life Support, American Heart Association
2015 - 2017 Basic Life Support, American Heart Association

Board Certification:

2015 Board Certified, American Osteopathic Board of Otolaryngology- Head & Neck Surgery

Journal Peer**Reviewer:**

2015 - Present International Forum of Rhinology and Allergy
2015 - Present American Journal of Rhinology and Allergy
2015 - Present Annals of Otolaryngology, Rhinology, and Laryngology

Leadership**Positions:**

2016 - Present COMMITTEE MEMBER
Program Education Committee, University of Washington Department of Otolaryngology

2015 - Present COMMITTEE MEMBER, CHAIR OF RHINOLOGY
Education Committee, American Osteopathic College of Otolaryngology- Head & Neck Surgery

2015 - Present COMMITTEE MEMBER
Education Committee, American Rhinologic Society

2014 - Present COMMITTEE MEMBER
Residents and Fellows Committee, American Rhinologic Society

2014 - 2015 AFFILIATE MEMBER, NON-VOTING
Membership Committee, American Rhinologic Society

2014 - 2015 AFFILIATE MEMBER, NON-VOTING
Education Committee, American Rhinologic Society

2014 - 2015 MEMBER-AT-LARGE, COUNCIL OF RESIDENTS AND FELLOWS
American Osteopathic Colleges of Ophthalmology and Otolaryngology- Head and Neck Surgery

2014 INSTRUCTOR AND COURSE ORGANIZER
Stanford University Department of Otolaryngology Sinus Dissection course

2013 - 2014 CHIEF RESIDENT
Michigan State University, Detroit Medical Center Department of Otolaryngology

2012 - 2014 RESIDENCY REPRESENTATIVE, SECTION OF RESIDENTS AND FELLOWS
American Academy of Otolaryngology- Head & Neck Surgery

2012 - 2014 RESIDENCY REPRESENTATIVE, COUNCIL OF RESIDENTS AND FELLOWS
American Osteopathic Colleges of Ophthalmology and Otolaryngology- Head and Neck Surgery

2011 - 2013 RESIDENT COUNCIL, DETROIT MEDICAL CENTER
Representative of the Otolaryngology residency program

2006 - 2007 PRESIDENT, SIGMA SIGMA PHI
President of the LECOM Chapter of the National Osteopathic Honors Society Sigma Sigma Phi.
Responsibilities included developing charity events and fundraisers, implementing community service projects, and promoting awareness for service in our local community.

2006 - 2007 NATIONAL LIAISON OFFICER, STUDENT OSTEOPATHIC SURGICAL ASSOCIATION (SOSA)
Served as the National Liaison Officer for the LECOM chapter of SOSA. Duties included corresponding with the national board of SOSA along with attendance at bi-annual national meetings.

2006 – 2007

STUDENT AMBASSADOR

As a LECOM Student Ambassador I had the privilege of meeting prospective students as they interviewed for admission to LECOM. My duties included campus tours, Q&A sessions, and interview lunches.

Humanitarian Experience:

2012

GLOBAL ENT OUTREACH, Phnom Penh, Cambodia

Served with an international team of Otolaryngologists at Preah Ang Duong Hospital in Phnom Penh, Cambodia educating and instructing Cambodian residents and surgeons on otologic disease and surgical management. Performed over 40 otologic surgeries during the mission.

2009

INDIAN HEALTH SERVICES WHITERIVER APACHE RESERVATION, Whiteriver, AZ

Lived on the Whiteriver Apache Indian reservation for one month as a medical clerkship during medical school. Served in the Emergency Department, primary care clinics, and outpost medical mission sites.

2002

WORLD HEALTH MISSION, Jos, Nigeria

Served with an American led multi-specialty group of General Surgeons, Pathologists, Obstetrician & Gynecologists, and Internists at a Nigerian teaching hospital: Jos University Teaching Hospital.

Book Chapters:

2015

Humphreys I, Hwang P. How to Avoid Complications in Endoscopic Sinus Surgery. *Otolaryngol Clin North Am.* 2015 Oct; 48(5):871-81

Research Publications:

2016

Vandjelovic ND, Humphreys IM. Immunoglobulin G4-related sclerosing disease of the paranasal sinuses: A case report and literature review. *American Journal of Allergy & Rhinology.* In press.

2016

Locketz GD, Teo, N, Walgama E, Humphreys IM, Nayak JV. The nasal vestibular body: anatomy, clinical features, and treatment considerations. *Eur Arch Otorhinolaryngol* (2016) 273:777-781.

2015

Velasquez N, Huang Z, Humphreys IM, Nayak JV. Inferior turbinate reconstruction using porcine small intestine submucosal xenograft demonstrates improved quality of life outcomes in patients with empty nose syndrome. *Int Forum Allergy Rhinol.* 2015 Nov;5(11):1077-81.

2012

Thotham P, Humphreys I, Madgy D. Complete Second Branchial Cleft Anomaly Presenting as a Tonsillar Cyst & Fistula: An Interesting Congenital Anomaly. *ENT Journal.* In Press 2012.

2011

Humphreys I, Saraiya S, Belenky W, Dworkin J. Nasal Packing with Strips of Cured Pork as Treatment for Uncontrollable Epistaxis in a Patient with Glanzmann Thrombasthenia. *Annals of Otolaryngology, Rhinology, & Laryngology.* 2011 Nov;120(11):732-6.

2008

Zhang R, Humphreys I, Sahu RP, Shi Y, Srivastava SK. In vitro and in vivo induction of apoptosis by capsaicin in pancreatic cancer cells is mediated through ROS generation and mitochondrial death pathway. *Apoptosis.* 2008 Dec;13(12):1465-78.

2006

Zhang R, Loganathan S, Humphreys I, Srivastava SK. Benzyl isothiocyanate-induced DNA damage causes G2/M cell cycle arrest and apoptosis in human pancreatic cancer cells. *J Nutr.* 2006 Nov; 136(11):2728-34.

National Oral Presentations:

2016

“Orbital Decompression.” Cadaveric prosection. Performed at the American Rhinologic Society’s First Annual Resident Dissection Course. September 2016.

2016

“Basic ESS.” Invited lecturer. Podium presentation. Presented at the American Rhinologic Society’s First Annual Resident Dissection Course. September 2016.

2016

“Multiple Complex Skull Base Mucoceles.” Presenter. Presented at the American Rhinologic Society’s Summer Sinus Symposium Mentor and Mentee Skull Base Panel. Chicago, IL. July 2016.

2016

“Challenging Endoscopic Skull Base Cases.” Panelist. Presented at the American Osteopathic College of Otolaryngology Head & Neck Surgery Annual Clinical Assembly. Scottsdale, AZ May 2016.

- 2016 "Office-based Rhinology." Panelist. Presented at the American Osteopathic College of Otolaryngology Head & Neck Surgery Annual Clinical Assembly Meeting. Scottsdale, AZ May 2016.
- 2016 "Challenging Cases in Rhinology." Moderator of this panel discussion. Presented at the American Osteopathic College of Otolaryngology Head & Neck Surgery Annual Clinical Assembly Meeting. Scottsdale, AZ May 2016.
- 2012 "Cambodia: A Mission of Sustainability." Presented at the American Academy of Otolaryngology Head & Neck Surgery Annual Meeting- Humanitarian Efforts Forum. Washington, DC Sept 2012.

**Local & Regional
Oral Presentations:**

- 2016 "Sinusitis." Presented at the University of Washington Pacific Northwest CME webinar lecture series. <https://morningcme.com> Seattle, WA 2016.
- 2016 "Sinusitis: Update and Review." Presented at the University of Washington East Side Specialty Center Primary Care Grand Rounds. Seattle, WA 2016.
- 2016 "ENT Emergencies." Presented at the Washington Chapter of the American College of Emergency Physicians Annual Meeting. Seattle, WA April 2016.
- 2015 "Frontal Sinusotomy." Presented at the University of Washington Endoscopic Skull Base Course for Residents. Seattle, WA Nov 2015.
- 2015 "Endoscopic Management of Anterior Skull Base Neoplasms." Stanford University Department of Otolaryngology Grand Rounds. Mar 2015
- 2013 "Pediatric Nasal Mass." Invited lecturer at Michigan State University Pediatric Otolaryngology Symposium. Troy, MI. Nov 2013.
- 2013 "Sinonasal Malignancy." Michigan State University Department of Otolaryngology, Detroit Medical Center Grand Rounds. Oct 2013.
- 2012 "Cholesteatoma." Michigan State University Department of Otolaryngology Detroit Medical Center Grand Rounds. Sept 2012.
- 2011 "Review of Pediatric Syndromes for the Otolaryngologist." Michigan State University Department of Otolaryngology, Detroit Medical Center Grand Rounds. Feb 2011.
- 2011 "Epistaxis." Michigan State University Department of Internal Medicine, Detroit Medical Center Grand Rounds. Jan 2011.
- 2009 "Surgical Management of Sinus Disease." Michigan State University Department of Otolaryngology, Detroit Medical Center Grand Rounds. Nov 2009.

Poster Presentations:

- 2016 Berens A, Miller C, Patel S, Humphreys I, Moe K. (2016, May). *Transorbital Management of Paranasal Sinus Mucoceles*. Poster presented at: American Rhinologic Society COSM Meeting; Chicago, IL.
- 2015 Humphreys IM, Noel J, Nayak JV, Hwang PHH. (2015, September). *Lymphoma associated sinonasal amyloidosis: A report of two cases*. Poster presented at: American Rhinologic Society Annual Meeting; Dallas, TX.
- 2014 Humphreys I, Da Costa V, Haupt M. (2014, May). *Radiofrequency ablation of tracheal stenosis in a pediatric patient*. Poster presented at: American Society of Pediatric Otolaryngology division of Combined Otolaryngology Spring Meeting; Las Vegas, NV.
- 2005 Humphreys, I., Loganathan S., Srivastava, SK. (2005, April). *Capsaicin induces apoptosis in human pancreatic cancer cells by activating the mitochondrial death pathway*. Poster presented at: American Association of Cancer Research; Anaheim, CA.

- 2005 Loganathan, S., Humphreys I., Srivastava, SK. (2005, April). *Antiproliferative effects of phenethyl isothiocyanate against human ovarian cancer cells via inhibition of epidermal growth factor receptor*. Poster presented at: American Association of Cancer Research; Anaheim, CA.

Online Scholarly Publications:

- 2015 "Total Ethmoidectomy." Performed, created, and edited a tutorial video published on the American Rhinologic Society surgical dissection videos website. <http://www.american-rhinologic.org/videos>
- 2015 "Endoscopic Nasopharyngectomy." Performed, created, and edited a tutorial video published on the American Rhinologic Society surgical dissection videos website. <http://www.american-rhinologic.org/videos>
- 2015 "Approach to the Clivus." Created and edited a tutorial video published on the American Rhinologic Society surgical dissection Videos website. <http://www.american-rhinologic.org/videos>

Honors/Scholarships:

- 2014 Ig NOBEL PRIZE IN MEDICINE
Awarded the Ig Nobel Prize in Medicine for the innovative and life saving use of salted pork in the treatment of life threatening epistaxis in a child.
- 2013 KARL STORZ RHINOFEST SCHOLARSHIP
Awarded full tuition scholarship to attend and participate in advanced endoscopic sinus and rhinoplasty dissection course at the University at Buffalo.
- 2012 AMERICAN ACADEMY OF OTOLARYNGOLOGY- HEAD AND NECK SURGERY HUMANITARIAN RESIDENT TRAVEL GRANT
Awarded 2012 Humanitarian resident travel grant for Otolaryngology mission project in Phnom Penh, Cambodia.
- 2012 AMERICAN OSTEOPATHIC COLLEGES OF OPHTHALMOLOGY AND OTOLARYNGOLOGY FOREIGN SCHOLARSHIP GRANT
Awarded 2012 Foreign scholarship grant for my humanitarian efforts abroad with service in Phnom Penh, Cambodia.
- 2009 SUMMACUM LAUDE
- 2008 STUDENT DO OF THE YEAR AWARD
Awarded the prestigious honor as the student from all currently enrolled classes at LECOM whom best exemplifies and embodies the characteristics of stewardship, merit, commitment, and compassion. Was further chosen by LECOM faculty and students as their representative and nominee for the National Student DO of the Year Award.
- 2008 ACADEMIC EXCELLENCE SCHOLARSHIP
Recipient of a LECOM scholarship in acknowledgement of outstanding academic performance and ranking in the top 15% of the class during the 2007 – 2008 academic year.
- 2008 LECOM STUDENT GOVERNMENT ASSOCIATION SCHOLARSHIP
Awarded in recognition by peers of academic excellence, commitment to LECOM, leadership, character, and community service.
- 2007 ADVOCATES FOR THE PENNSYLVANIA OSTEOPATHIC MEDICAL ASSOCIATION
Nominated by LECOM, and recipient in recognition of academic achievement and leadership.
- 2007 UPS SCHOLARSHIP
Nominated and awarded by LECOM a scholarship in recognition of academic excellence and commitment to the Osteopathic profession.
- 2007 ORRIS C. HIRTZEL AND BEATRICE DEWEY HIRTZEL MERIT AWARD
Awarded in recognition as the "student with the highest academic standing" in the class of 2009. The merit award and scholarship is presented annually to the member of the second year class that ranks the highest academically in that given year.

- 2007 PENNSYLVANIA MEDICAL SOCIETY SCHOLARSHIP
Recipient of a scholarship in recognition of merit, leadership, community service, and financial need. Noted as the first Osteopathic student from LECOM to receive such an award from this Allopathic medical organization.
- 2007 ACADEMIC EXCELLENCE SCHOLARSHIP
Recipient of a LECOM scholarship in acknowledgement of outstanding academic performance and ranking in the top 15% of the class during the 2006 – 2007 academic year.
- 2007 ACADEMIC EXCELLENCE SCHOLARSHIP
Recipient of a LECOM scholarship in acknowledgement of outstanding academic performance and ranking in the top 15% of the class during the 2005 – 2006 academic year.
- 2007 MCGRAW-HILL MEDICAL PUBLISHING 2006 LANGE STUDENT AWARD
Received collection of medical texts in award of “Outstanding Achievement.”

**Professional
Courses instructed:**

- 2016 VIRGINIA MASON ENDOSCOPIC SINONASAL & SKULL BASE ANATOMY AND SURGICAL TECHNIQUES COURSE
Lab Dissection Specialist
Virginia Mason, Seattle WA
- 2016 SEATTLE OTOTOLOGY AND ADVANCED RHINOLOGY COURSE
Faculty
Seattle Science Foundation, Seattle WA

**Professional
Courses attended:**

- 2015 AO PRINCIPLES OF OPERATIVE TREATMENT OF CRANIOMAXILLOFACIAL TRAUMA AND RECONSTRUCTION
AO North America, Portland OR
- 2015 SINUS MASTERS WEST
Medical Education Research Institute Nevada, Las Vegas NV
- 2014 WESTERN STATES RHINOLOGY COURSE
University of Colorado School of Medicine, Sonoma CA
- 2014 ADVANCED SINUS AND SKULL BASE COURSE FOR RHINOLOGY FELLOWS
Sponsored by the American Rhinologic Society at Karl Storz Corporation, Los Angeles CA
- 2014 OSLER OTOLARYNGOLOGY BOARD REVIEW COURSE
Osler Institute, Chicago IL
- 2013 RHINOFEST- ADVANCED INTERNATIONAL RHINOLOGIC DISSECTION COURSE IN ENDOSCOPIC SINUS SURGERY AND RHINOPLASTY
University at Buffalo, Buffalo NY
- 2013 STATISTICS 1- PROBABILITY AND STUDY DESIGN
The Institute for Statistics Education
- 2013 WAYNE STATE UNIVERSITY SYMPOSIUM ON MAXILLOFACIAL TRAUMA & PLATING COURSE
Oakwood Medical Center, Dearborn MI
- 2012 UNIVERSITY OF MICHIGAN ENDOSCOPIC SINUS AND SKULL BASE DISSECTION COURSE
University of Michigan, Ann Arbor MI
- 2012 ENDOSCOPIC SINONASAL & SKULL BASE ANATOMY AND SURGICAL TECHNIQUES COURSE
Virginia Mason Medical Center, Seattle WA
- 2012 WAYNE STATE UNIVERSITY MINIMALLY INVASIVE FACIAL REJUVINATION COURSE
Oakwood Medical Center, Dearborn MI

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| 2011 | UNIVERSITY OF MICHIGAN SIMPLIFIED APPROACH TO HEAD & NECK RADIOLOGY COURSE University of Michigan, Dearborn MI |
| 2011 | MICHIGAN STATE UNIVERSITY SINUS SURGERY, FACIAL TRAUMA, AND PLATING COURSE University of Michigan, Ann Arbor MI |
| 2011 | MICHIGAN EAR INSTITUTE TEMPORAL BONE DISSECTION COURSE Michigan Ear Institute, Farmington Hills MI |
| 2011 | LASER SURGERY, VOICE CARE AND LARYNGEAL FRAMEWORK SURGERY COURSE University of Pittsburgh, Pittsburgh PA |
| 2011 | CO2 LASER SAFETY TRAINING Omni-guide Corporation at Detroit Medical Center, Detroit MI |
| 2010 | WAYNE STATE UNIVERSITY ADVANCED TECHNIQUES IN OTOLARYNGOLOGY- HEAD & NECK SURGERY Oakwood Medical Center, Dearborn MI |
| 2010 | UNIVERSITY OF MICHIGAN SIMPLIFIED APPROACH TO HEAD & NECK RADIOLOGY COURSE University of Michigan, Dearborn MI |
| 2010 | OTOLARYNGOLOGY- HEAD & NECK SURGERY BASIC SCIENCE COURSE University of Iowa, Iowa City IA |
| 2009 | WAYNE STATE UNIVERSITY EMERGENCIES IN OTOLARYNGOLOGY COURSE Oakwood Medical Center, Dearborn MI |

Professional

Affiliations:

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| 2015 - Present | NORTHWEST ACADEMY OF OTOLARYNGOLOGY |
| 2011 - Present | AMERICAN RHINOLOGIC SOCIETY |
| 2009 - Present | AMERICAN ACADEMY OF OTOLARYNGOLOGY- HEAD & NECK SURGERY AMERICAN OSTEOPATHIC COLLEGES OF OPHTHALMOLOGY & OTOLARYNGOLOGY |
| 2005 - Present | AMERICAN OSTEOPATHIC ASSOCIATION |

CME Conferences

Attended:

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| 9/16 – 9/17/16 | AMERICAN RHINOLOGIC SOCIETY ANNUAL MEETING, SAN DIEGO CA |
| 8/12 – 8/13/16 | VIRGINIA MASON ENDOSCOPIC SINONASAL & SKULL BASE ANATOMY AND SURGICAL TECHNIQUES COURSE |
| 7/1 – 7/5/16 | AMERICAN RHINOLOGIC SOCIETY SUMMER SINUS SYMPOSIUM, CHICAGO IL |