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# Andrew Alex Winkler

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## **PERSONAL INFORMATION**

*Business Address:* Department of Otolaryngology  
Division of Facial Plastic and Reconstructive Surgery  
12631 East 17<sup>th</sup> Avenue, B-205  
Aurora, CO 80045

*Appointments:* (720) 848-4300

**TITLES** Associate Professor-University of Colorado School of Medicine  
Director-Facial Plastic Surgery

## **EDUCATION**

1994-1998 Bachelors in Science, University of Wisconsin-Madison  
Major: Medical Microbiology and Immunology-high honors, the first ever to graduate with a high honors distinction in this major at the University of Wisconsin.

1998-2002 Doctor of Medicine, University of Wisconsin Medical School  
Graduate in the top third of class.

2002-2003 Internship, University of Maryland, Department of General Surgery  
Dr. Bruce Jarrell-Chairman.

2003-2007 Residency, University of Maryland, Department of Otorhinolaryngology  
Dr. Scott Strome-Chairman.

2007-2008 Fellowship, Facial Plastic and Reconstructive Surgery, Oregon Health & Science University, Dr. Tom Wang-Fellowship Director, Drs. Ted Cook and Brian Downs-Associate Fellowship Directors

## **AWARDS, GRANTS AND HONORS**

1997 Letters and Science Honors Thesis Grant

1998 Dr. Brenda Pfaehler Award of Excellence in fostering student learning

1998 First-ever High Honors in Med Microbiology & Immunology, University of Wisconsin

2002 Graduation in top third of class at the University of Wisconsin Medical School

2006 First-ever score of 100<sup>th</sup> percentile at the University of Maryland in any category on the Otolaryngology annual inservice exam (Facial Plastics-100<sup>th</sup>, Overall-91<sup>st</sup>)

2009, 2011 Stryker-Leibinger Educational Course Grant

2012 Biostatistics Collaboration Award

2017 Speaker of Honor, Amsterdam, Netherlands

**LICENSURE AND BOARD CERTIFICATION**

USMLE Steps I, II and III

American Board of Otolaryngology (Recertified 2018)

American Board of Facial Plastic and Reconstructive Surgery

**ACADEMY MEMBERSHIPS/COMMITTEE MEMBERSHIPS**

2003-Present American Academy of Otolaryngology-Head & Neck Surgery

2003-Present American Academy of Facial Plastic and Reconstructive Surgery

2008-Present AAFPRS-Residency Relations Committee

2008-Present AAFPRS-Young Physicians Committee

2012-2015 AAFPRS-Young Physicians Committee (ex-CHAIR)

2008-Present AAFPRS-Fellowship Curriculum Subcommittee

2011-Present AAFPRS-Fellowship Committee

2015-Present AAFPRS-Fellowship Committee (CHAIR)

2008-2010 International Society of Hair Restoration Surgery

2013-Present Center for Global Health, CO School of Public Health, Affiliated Faculty Member

2014-Present Colorado Medical Society

2014-2016 Board of Directors-Colorado ENT Society, Officer-At-Large

2016-Present Colorado ENT Society, President

**EMPLOYMENT**

2008-2015 Assistant Professor and Director of Facial Plastic and Reconstructive Surgery  
Department of Otolaryngology  
University of Colorado-Denver

2015-Present Associate Professor and Director of Facial Plastic and Reconstructive Surgery  
Department of Otolaryngology  
University of Colorado-Denver

**ELECTIVE ACTIVITIES**

1999 Educational visit to Cuba to study socialized medical system. Our group donated medical supplies to Cuban hospitals, met with government health officials and Cuban medical students, and shadowed Cuban physicians and surgeons.

1999 Teaching Assistant for the Physician Assistant Program Gross Anatomy

2000 Volunteer at a south-side of Chicago Port St. Vincent shelter doing community work in association with St. Paul's Church in Madison, Wisconsin.

2005-2007	Internal Reviewer—University of Maryland Internal Medicine Residency Program during the Residency Review Committee accreditation proceedings.
2005-2007	Graduate Medical Education Committee. Developed and revised graduate medical education policies, oversaw compliance of the institution and accredited programs.
April 2008	Mission Trip to Coya, Peru—Cleft lip and palate surgery 40 procedures performed in 6 days
2010, 2013	Yosei Medical Journal—Invited reviewer
2010-2013	Senator—Elected representative of the Department of Otolaryngology in the University of Colorado School of Medicine Senate.
March 2010	Mission trip to Lambayeque, Peru—Cleft lip and palate surgery 36 cleft procedures performed in 6 days
April 2012	Mission trip to Antigua, Guatemala—Cleft lip and palate surgery (Faith in Practice) 16 cleft procedures performed in 4 days
March 2013	Mission trip to Antigua, Guatemala—Cleft lip and palate surgery (Faith in Practice) 20 cleft surgeries performed in 4 days Initiated a Cleft Patient Database program and met with Obras Hospital administration to begin a speech therapy program
March 2014	Mission trip to Antigua, Guatemala—Cleft lip and palate surgery (Faith in Practice) 20 cleft surgeries performed in 4 days, developing longitudinal and comprehensive cleft care in Antigua
August 2014	Member of the FACE-TO-FACE program—a humanitarian organization providing voluntary services to victims of domestic violence.
December 2014	Member-Advisory Board for Rosivo, Inc.
March 2015	Mission trip to Antigua, Guatemala—Cleft lip and palate surgery (Faith in Practice) 33 cleft procedures performed in 4 days
May 2016	Mission trip to Antigua, Guatemala—Cleft lip and palate surgery (Faith in Practice) 31 cleft procedures performed in 4 days. Involved the University of Colorado Pediatric ENT Fellow.
June 2017	Mission trip to Antigua, Guatemala—Cleft lip and palate surgery (Faith in Practice) Involved the University of Colorado Pediatric ENT Fellow.
2015-Present	AAO-HNS Colorado State Tracker—Involved in identifying state legislation that could be potentially harmful to the specialty
2015-Present	AAO-HNS Board of Governors, State of Colorado Legislative Representative

**INVITED SPEAKING—LOCAL/REGIONAL**

- October 2009 Colorado Soft Tissue Course-Course Director  
*Fresh cadaver course on soft tissue handling, design and execution of skin flaps*
- February 2009 Vail Mid-Winter Ski Meeting  
Section Director-Facial Plastic and Reconstructive Surgery  
*Neuromodulators, Functional Browlift*
- February 2009 Vail Mid-Winter Ski Meeting—Rhinology Section  
*Management of the Nasal Valve*
- November 2010 Facial Fracture Workshop presented by Stryker-Leibinger. Denver, CO  
*Biomechanics and Principals of Rigid Fixation*
- February 2011 Vail Mid-Winter Ski Meeting  
Section Director-Facial Plastic and Reconstructive Surgery  
*Light Up Your Practice-New Laser Technologies for the Office*
- November 2011 Women’s Health Initiative “Let’s Talk” event, University of Colorado  
*Facial Changes Surrounding Menopause*
- February 2012 Vail Mid-Winter Ski Meeting  
Section Director-Facial Plastic and Reconstructive Surgery  
*Alloplasts in Rhinoplasty-What’s Safe, Unsafe and New*
- February 2013 Vail Mid-Winter Ski Meeting  
Section Director-Facial Plastic and Reconstructive Surgery  
*The Arrival of PDS Plate in Rhinoplasty*
- February 2014 Vail Mid-Winter Ski Meeting  
Section Director-Facial Plastic and Reconstructive Surgery  
*Social Media & You (Tube): How Modern Media Technology Can Help Your Practice*
- March 2014 Facial Plastic Surgery Laboratory for the Dermatologist. Denver, Colorado  
*Director: Dr. Andrew Winkler*  
*Facial Plastic Surgery cadaver course for 20 visiting Dermatologists from Brazil*
- June 2014 Lone Tree Community Health Seminar  
*Spot on Skin Cancer*
- October 2014 University of Colorado Hospital Trauma: Influencing Quality Care Conference  
*Mid-face and Upper-face Trauma*
- February 2015 Vail Mid-Winter Ski Meeting  
Section Director-Facial Plastic and Reconstructive Surgery  
*State of the Art: Non-invasive Fat-Dissolving Procedures*
- March 2015 2nd Annual University of Colorado Hospital EMS Conference  
*Mid-face and Upper-face Trauma, Mandibular Trauma*

January 2016	Vail Mid-Winter Ski Meeting Section Director-Facial Plastic and Reconstructive Surgery <i>Social Media &amp; You (Tube): How Modern Media Technology Can Help Your Practice</i>
May 2016	Good Samaritan Hospital/Kaiser Permanente CME Lecture— <i>Functional Rhinoplasty: Fact vs. Fiction</i>
March 2016	3 <sup>rd</sup> Annual University of Colorado Hospital EMS Conference <i>Mid-face and Upper-face Trauma, The effect of marijuana legalization on facial trauma in Denver, CO</i>
August 2016	Trauma, Critical Care and EMS Symposium <i>Mandible and Laryngeal Emergencies</i> <i>Mid-face and Upper-face Trauma</i>
February 2017	Vail Mid-Winter Ski Meeting Section Director-Facial Plastic and Reconstructive Surgery <i>Non-Invasive Scar Revision</i>
May 2017	UCH Women's Event <i>Skin protection and aging</i> Lone Tree, CO
May 2018	10 <sup>th</sup> Annual Western Colorado Trauma Conference Introduction to Facial Trauma Delta, CO
February 2018	Vail Mid-Winter Ski Meeting Section Director-Facial Plastic and Reconstructive Surgery <i>Top 3 Tip Tips</i>
February 2019	Vanderbilt Otolaryngology Symposium Vail, Colorado
February 2018	Vail Mid-Winter Ski Meeting Section Director-Facial Plastic and Reconstructive Surgery <i>Introduction to Piezoelectric Technology in Rhinoplasty</i>

***INVITED SPEAKING—NATIONAL***

June 2007	Portland Rhinoplasty Course-Course Faculty
June 2007	Portland Rhinoplasty Cadaver Dissection-Course Faculty and prosection specimen dissector
January & May 2008	Portland Soft Tissue Course-Course Director
February 2008	Oregon Academy of Otolaryngology, Spring meeting. <i>Challenges in Mohs Facial Reconstruction</i>
September 2008	American Academy of Otolaryngology, Fall Meeting. Chicago, IL <i>Cleft Lip and Palate Surgery for Residents</i>

September 2009	Retina & Oculoplastics/Reconstructive Surgery - National Symposium <i>Endoscopic Browlift</i>
March 2010	Academy of Operating Room Nurses (AORN)—57 <sup>th</sup> annual Congress. <i>Facial Trauma</i>
September 2010	American Academy of Facial Plastic Surgery, Fall Meeting. Boston, MA <i>Scar Treatment and Prevention</i>
October 2010	Stanford Facial Plastic Surgery Course <i>Incisions &amp; Approaches in Rhinoplasty</i>
July 2011	Portland Aging Face Course <i>Analysis of the Aging Face, Male Facelift Surgery</i>
September 2011	American Academy of Facial Plastic Surgery, Fall Meeting. San Francisco, CA <i>Photography in Facial Plastic Surgery with an Emphasis on Rhinoplasty</i>
October 2013	American Academy of Facial Plastic Surgery, Fall Meeting. New Orleans, LA <i>Rhinoplasty in Wegener's Granulomatosis, Erbium:Glass and Erbium:YAG Lasers as a Tool in Scar Revision, Alloplasts in Rhinoplasty: What's New and What's Safe</i>
May 2014	11 <sup>th</sup> International Symposium of Facial Plastic Surgery. New York, NY <i>PDS Plate in Rhinoplasty—Oral Presentation</i>
August 2014	Portland Rhinoplasty Course <i>Alloplasts in Rhinoplasty, Controlling the Caudal Septum</i>
September 2014	American Academy of Facial Plastic Surgery Fall Meeting-Orlando, Florida <i>How to Get Involved in the AAFPRS and Other Organizations as a Young Physician</i>
October 2015	American Academy of Facial Plastic Surgery Fall Meeting-Dallas, Texas <i>How to Get Involved in the AAFPRS and Other Organizations as a Young Physician</i>
October 2016	American Academy of Facial Plastic Surgery Fall Meeting-Nashville, Tennessee <i>Controlling the Caudal Septum: An Evidence-Based Approach</i>
January 2017	Reaching New Peaks Winter Symposium 2017. Beaver Creek, CO Incorporating Med-Legal Work into your Practice
July 2017	Portland Aging Face Course. Portland, OR 10 Pearls for the Perfect Blepharoplasty, Necklift: Worthwhile or Worthless, Rhinoplasty of the Aging Nose, Light Up Your Practice, Cadaver Lab Director
October 2018	American Academy of Facial Plastic Surgery Fall Meeting-Dallas, Texas Necklift: Worthwhile or Worthless, Osteotomies: An Evidence Based Examination, The (Near) Perfect Septal Perforation Repair, Session Moderator - Facial Rejuvenation

## **INVITED SPEAKING—INTERNATIONAL**

- October 2013 4th International Congress of Iranian Rhinology & Facial Plastic Surg. Tehran, Iran  
*Advanced Techniques in Open Rhinoplasty, The Nasal Profile, Endoscopic Browlift (instructional course), Lower Eyelid Blepharoplasty, Aging Face/Facelift—What's New, Laser Scar Revision*
- May 2014 12<sup>th</sup> Annual Rhino Camp. Bodrum, Turkey (invited speaker & section moderator)  
*Reduction Rhinoplasty, Crucial Determinants of a Satisfied Patient after Rhinoplasty, How to Avoid Complications in Rhinoplasty, Facial Fat Grafting, Controlling the Caudal Septum*
- January 2015 8<sup>th</sup> Alpine Nasal Course, Crans Montana, Switzerland  
*Open Tip Approach, Controlling the Caudal Septum, Alloplast Materials in Rhinoplasty*
- February 2015 13<sup>th</sup> Rhinocamp Winter, Kaprun, Austria  
*Aesthetic Open Tip Rhinoplasty, Alloplasts in Rhinoplasty, The Nasal Profile, Social Media in Facial Plastic Surgery*
- October 2015 5th International Congress of Iranian Rhinology & Facial Plastic Surg. Tehran, Iran  
*Approach to Face Lifting, Facial Scar Management, The Crooked Nose, Cleft Lip Rhinoplasty, Neck Lift, Noninvasive Approach to Facial Rejuvenation*
- January 2016 9<sup>th</sup> Alpine Nasal Course, Crans Montana, Switzerland  
*Open Tip Approach, Controlling the Caudal Septum, Alloplast Materials in Rhinoplasty*
- February 2016 14<sup>th</sup> Rhinocamp Winter, Cortina d'Ampezzo, Italy  
*Rhinoplasty in Wegener's Granulomatosis, Multimodality Scar Revision*
- June 2016 Russian Rhinology Congress. Suzdal, Russia  
*The Crooked Nose, Secondary Nasal Obstruction*
- September 2016 European Academy of Facial Plastic Surgery Annual Meeting, London, England  
*Forehead and Brows panel, The Aging Face, Social Media and You(tube), A Graded Approach to Facial Rejuvenation, Multimodality Scar Revision, Naso-orbito-ethmoid Fractures*
- January 2017 10<sup>th</sup> Alpine Nasal Course, Crans Montana, Switzerland  
*Rhinoplasty Outcomes in those with Nasal Disease, Top 3 Tip Tips*
- September 2017 European Academy of Facial Plastic Surgery Annual Meeting, Lisbon, Portugal  
*Social Media in Medicine, Non-Ablational Laser Treatments and Laser-Assisted Drug Delivery.*
- October 2017 24<sup>th</sup> International Course in Modern Rhinoplasty Techniques, Amsterdam, Netherlands. Speaker of Honor. *My Philosophy on Rhinoplasty.* Performed live surgery.
- January 2018 11<sup>th</sup> Alpine Nasal Course, Crans Montana, Switzerland  
*Osteotomies: an evidence-based examination, Rhinoplasty in the Aging Patient, The Near-Perfect Septal Perforation Repair*

May 2018	Innovations in Rhinoplasty II, Istanbul, Turkey <i>The Near-Perfect Septal Perforation Repair, My Top 3 Tip Tips, Cleft Lip Rhinoplasty, Rhinoplasty Outcomes in Nasal Disease, Panel Chair: Selecting the Right Approach, Saddle-Nose Deformity</i>
October 2018	25 <sup>th</sup> International Course in Modern Rhinoplasty Techniques, Amsterdam, Netherlands. <i>My Top 3 Tip Tips, Concepts in Nasal Scar Revision, Osteotomies: An Evidence-Based Approach.</i> Performed live surgery.
September 2018	European Academy of Facial Plastic Surgery Annual Meeting, Regensburg, Germany. <i>Session Moderator: Rhinoplasty Innovations. Lectures: Necklift, Full Face Resurfacing, Alloplastic Material in Rhinoplasty, Photography in Facial Plastic Surgery, Current Management of Upper/Midface Fractures, 10 Pearls for Perfect Blepharoplasty, Cleft Lip Rhinoplasty.</i>
December 2018	Rhinoforum 2018. Warsaw, Poland <i>Lectures: My Top 3 Tip Tips, A Graded Approach to the Aging Face, Management of the Nasal Valve, Revision Rhinoplasty Case Discussion</i>
January 2019	12 <sup>th</sup> Annual Alpine Nasal Course, Crans-Montana, Switzerland

#### **UPCOMING INVITED SPEAKING ENGAGEMENTS/COURSES**

March 2019	Rhinocamp Winter 2019 Sella Ronda, Italy
July 2019	Portland Aging Face Course Portland, Oregon
November 2019	South African Society of Facial Plastic Surgery. First (annual) Meeting Durbin, South Africa

#### **PEER-REVIEWED PUBLICATIONS**

1. Winkler AA, Stallmeyer MJB and Le TT. "Report of a Scalp Arteriovenous Malformation Spontaneously Hemorrhaging into a Preauricular Sinus." *ENT Journal*. 2009 Feb; 88(2): E17-20.
2. Lewis MB, Winkler AA and Silverman RP. "Correction of the Unilateral Cleft Lip Nasal Deformity with a Composite Cartilage-Vestibular Skin 'Pennant' Flap." *Plastic and Reconstructive Surgery*. 2007 Oct; 120(5): 1357-62.
3. Winkler AA, Milburn ML, Holton LT, Goldberg NH, and Silverman RP. "Effect of suture material on tensile strength and complication rate in abdominal fascial defects repaired with acellular dermal matrix." *Hernia*. 2008 Feb; 12(1): 33-8. [Epub 2007 Sep 13]
4. Winkler AA, Weber SM and Downs BW. "Prerhinoplasty Facial Analysis." *eMedicine from WebMD*. Updated December 2013. Available at: <http://progps1.emedicine.com/gps/TopicControl.gps?docid=842545>
5. Winkler AA and Wudel J. "Temporal Artery Biopsy." *eMedicine from WebMD*. Updated December 2013. Available at: <http://emedicine.medscape.com/article/1520091-overview>.



6. Chen HH, Winkler AA. "Injectable Soft Tissue Fillers." *eMedicine from WebMD*. Updated December 2013. Available at: <http://emedicine.medscape.com/article/1574158-overview>.
7. Winkler AA, Soler ZM, Leong PL, et al. "Complications associated with alloplastic implants in reconstructive rhinoplasty." *Arch Facial Plast Surg*. 2012 Nov; 14(6): 437-41.
8. Winkler AA. Early Practice Patterns. *Facial Plastic Times*. 2016 January/February; Vol. 37(1).
9. Sokoya, M and Winkler AA. Causes and prevention of secondary obstruction. *Facial Plastic Surgery*. Hamilton G and Sclafani AP (Eds.), Elsevier. 2016 Jan; 32(1): 76-79.
10. Sokoya M, Winkler AA. Reverse omega technique for single-stage ear lobule reconstruction. *Ear Nose Throat J*. 2016 Sep;95(9):372-4.
11. Sokoya M, Winkler AA, et al. Patterns of facial trauma before and after legalization of marijuana in Denver, Colorado: A joint study between two Denver hospitals. *Am J Emerg Med*. 2017 Oct.
12. Gonzalez JR and Winkler AA. The Twisted nose: What to do when it's not straight. *Facial Plastic Surgery*. Marcus B and Sclafani AP (Eds.), Elsevier. 2018 Jun;34(3):255-60
13. Sokoya M, Gonzalez JR and Winkler AA. Effect of Allergic Rhinitis on Nasal Obstruction Outcomes After Functional Open Septorhinoplasty. *Am J Otolaryngol*. 2018.
14. Cingi C, Muluk NB, Winkler AA, and Thomas JR. Nasal tip grafts. *J Craniofac Surg*. 2018 Oct; 29(7):1914-1921. ISSN: 1049-2275

#### **TEXTBOOKS/ELECTRONIC BOOKS/BYLAWS**

1. Winkler AA. *Open Septorhinoplasty: The Complete Operative Guide*. Edition 1.2 Cupertino, CA: Apple, Inc., 2014. *iBooks*. Web. Aug. 2014.
2. Colorado Ear Nose and Throat Society Bylaws. 2017-18. Authored the rewriting of society bylaws, incorporating major changes to the bylaws.
3. American Council for Post-Residency Specialty Education Bylaws, Policies & Procedures and Program Requirements. 2019. Authored and participated on a task force to provide major revisions, redefining the government and responsibilities of this accrediting body.

#### **CHAPTERS/REVIEW ARTICLES**

1. Winkler AA, Smith TL, Meyer TK, and Le TT (2007). The Management of Frontal Sinus Fractures. In S. Kountakis & M. Onerci (Eds.), *Rhinologic and Sleep Apnea Surgical Techniques* (pp. 149-58). Berlin: Springer.
2. Winkler AA and Downs BW. Aging Male Rhinoplasty. In Wang TD & Downs BW (Eds.), *Facial Plastic Surgery Clinics of North America: Male Facial Rejuvenation*. Elsevier. August 2008. Vol 16(3): 329-335.
3. Sautter NB, Winkler AA, and Smith TL. Frontal Sinus Trauma. In Goldberg AN, Lee C & Murr A (Eds.), *Head and Neck Trauma*. (In Press).

4. Winkler AA and Wang TD. Complications after Upper Blepharoplasty. In Capone RB & Sykes JS (Eds.), *Facial Plastic Surgery Complications: Management of the Untoward Result*. Thieme Medical Publishers, Inc.
5. Winkler AA and Wudel J. Facial Analysis and Preoperative Evaluation. In Bailey BJ, Johnson JT and Newlands SD (Eds.), *Head and Neck Surgery—Otolaryngology*. Lippincott Williams & Wilkins. Fifth Edition.
6. Ferril GR, Wudel JM, Winkler AA. Management of complications from alloplastic implants in rhinoplasty. *Curr Opin Otolaryngol Head Neck Surg*. 2013 Aug;21(4):372-8.
7. Sokoya M and Winkler AA. Principles of Wound Healing. In Scholes M & Ramakrishnan V (Eds.), *ENT Secrets*. Elsevier. Fourth Edition.
8. Ferril GR and Winkler AA. Rhinoplasty. In Scholes M & Ramakrishnan V (Eds.), *ENT Secrets*. Elsevier. Fourth Edition.
9. Winkler AA. Cosmetic Surgery for the Aging Neck and Face. In Scholes M & Ramakrishnan V (Eds.), *ENT Secrets*. Elsevier. Fourth Edition.
10. Winkler AA. The Big Ask—Maintaining the Entrepreneurial Spirit in Academic Facial Plastic Surgery in the USA. *ENT & Audiology News*. March/April 2014, 23(1): 75-6.
11. Stewart CJ and Winkler AA. Facial Palsy. In Kennedy DM (Eds.), *ENT Essentials*. Jaypee Medical Publishers. Sixth Edition.
12. González JR, Winkler AA, Torun MT, Cingi C. Management of the Deviated Septum. In Cingi C (Ed.), *All Around the Nose*.