

CURRICULUM VITAE

J. Jared Christophel, MD, MPH, FACS

I. PERSONAL DATA

Office Address: University of Virginia Health System
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II. EDUCATION

7/10 – 12/11	M.P.H.	University of Virginia, School of Medicine Charlottesville, VA
8/00 – 5/04	M.D.	University of Virginia, School of Medicine Charlottesville, VA
8/96 – 5/00	B.S.	College of William and Mary Williamsburg, VA

III. POST-GRADUATE EDUCATION

7/2009 – 7/2010	Fellowship <i>Facial Plastic and Reconstructive Surgery</i>	University of Minnesota Minneapolis, MN
7/2005 – 6/2009	Residency <i>Otolaryngology- Head and Neck Surgery</i>	University of Virginia Health System Charlottesville, VA
7/2004 – 6/2005	Internship <i>Department of Surgery</i>	University of Virginia Health System Charlottesville, VA

IV. ACADEMIC APPOINTMENTS

07/2015 – Present	Associate Professor <i>Otolaryngology- Head and Neck Surgery</i>	University of Virginia Health System Charlottesville, VA
07/2010 – 06/2015	Assistant Professor <i>Otolaryngology- Head and Neck Surgery</i>	University of Virginia Health System Charlottesville, VA

Date of last revision, 01/06/2016

01/2012 – Present	Assistant Professor <i>Health Evaluation Sciences</i>	University of Virginia, School of Medicine Charlottesville, VA
07/2011 – Present	Medical Student Clerkship Director <i>Otolaryngology- Head and Neck Surgery</i>	University of Virginia Health System Charlottesville, VA
07/2009 – 06/2010	Clinical Instructor <i>Otolaryngology- Head and Neck Surgery</i>	University of Minnesota Minneapolis, MN

V. CERTIFICATION AND LICENSURE

A. Certification

American Board of Facial Plastic and Reconstructive Surgery	June 2012	Exp 12/31/22
American Board of Otolaryngology	June 2010	Exp 12/30/20 Cert #: 20286

B. Licensure

Virginia	Exp 08/31/16	Unrestricted	0101247624
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VI. HONORS AND AWARDS

2012 UVA Dean's appointment for Leadership in Academic Medicine Training Program (faculty selected by School of Medicine Dean)

2010 University of Virginia School of Medicine Entrepreneurial Concept Competition Finalist

2009 University of Virginia G. Slaughter Fitz-Hugh Symposium First Place Resident Research Award

2009 University of Virginia Otolaryngology Resident Temporal Bone Contest. First Place

2007 University of Virginia G. Slaughter Fitz-Hugh Symposium First Place Resident Research Award

2007 Virginia Society of Otolaryngology First Place Resident Research Award

2006 University of Virginia G. Slaughter Fitz-Hugh Symposium First Place Resident Research Award

2004 Dean's Geographical Medicine Scholar

2001 Chrysalis Scholar, American Academy of Asthma, Allergy, and Immunology

2000 Phi Beta Kappa, College of William and Mary, Williamsburg, VA

2000 High Honors – Senior Honors Thesis in Physical Chemistry, College of William and Mary, Williamsburg, VA

VII. PROFESSIONAL AFFILIATIONS (INCLUDING OFFICES HELD)

2009-Present	American Academy of Facial Plastic and Reconstructive Surgery
2009-Present	American Academy of Otolaryngology Head and Neck Surgery
2010-Present	American College of Surgeons
2008-Present	Triological Society

Date of last revision, 01/06/2016

2008-Present Virginia Society of Otolaryngology – Head and Neck Surgery
2013-Present Society of University Otolaryngologists

VIII. RESEARCH ACTIVITIES

A. AREAS OF RESEARCH INTEREST

1. Outcomes Research in facial plastic and reconstructive surgery
 - a. Using regression analysis where clinical trials not feasible to optimize patient outcomes.
 - b. Methods of facial fracture reduction
 - c. Finding the optimal surgical margin in treating melanoma of the head and neck
 - d. Optimizing speech surgery outcomes for children with cleft palate.
2. Cost effectiveness research
 - a. Using decision tree and Markov analysis to create models of clinical scenarios.
 - b. Utilization of post fracture reduction imaging
 - c. Reduction of nasal fractures in clinic vs OR
3. Quality of Life Research
 - a. Disease specific quality of life for various methods of reconstructing large facial skin cancers.
 - b. Disease specific quality of life in the surgical management of nasal obstruction.

B. CURRENT PROJECTS

- a. Psychological distress in patients undergoing Mohs surgery for non-melanoma skin cancers. The purpose of this study is to measure the impact of Mohs surgery and reconstruction on quality of life and to assess the effectiveness of an instructional video on patient choice of treatment plan for repair.
- b. Teaching soft tissue surgical skills to residents with a simulator
- c. Measuring resident performance using Objective Structured Assessment of Technical Skills (OSATS): researching predictors of skill.
- d. Head and Neck Melanoma Database. Studying survival based on pathologic margin.
- e. Managing large facial defects non-operatively using Leptospermum Honey. Currently writing up case series. Planning clinical trial comparing Leptospermum Honey to gold standard care (acetic acid and emollient) for patients not able/desiring to have surgical repair.

C. RESEARCH COLLABORATION/TEAM SCIENCE

- a. Collaboration with Tim McMurry PhD in the department of health evaluation sciences to perform data mining of large melanoma database.

D. RESEARCH EXPERIENCE

University of Virginia Department of Neuroscience

Oct 2006- Feb 2008

Supervisor: Dr. Jeffrey Corwin, PhD.

- Age-dependent reinforcement of the cortical actin band correlates with the regenerative capacities of avian and mammalian ears.

University of Virginia Department of Otolaryngology-Head and Neck Surgery

Fall 2003- Dec 2005

Supervisor: Dr. Stephen Park, M.D.

- The morphologic and histologic properties of autogenous tissue engineered cartilage in New Zealand white rabbits.

University of Virginia Department of Allergy and Immunology.

Summer 2001

Supervisors: Drs. Thomas AE Platts-Mills M.D. & Alisa Smith PhD.

- Expression of recombinant Blomia tropicalis allergens and comparison of their immunoreactivity.

Merck Pharmaceuticals.

Summers '98 - '00

Supervisor: Dr. Steve Ciancosi, PhD.

- Confidential chemical engineering research at the bench and in the field to increase the reaction yield of Indinavir Monohydrate and Montelukast Sodium.

IX. TEACHING ACTIVITIES OTHER THAN CLASSROOM OR CLINICAL, INCLUDING TEACHING OF UNDERGRADUATE (PRE-BACCALAUREATE), GRADUATE, POSTDOCTORAL STUDENTS AND CONTINUING EDUCATION MEDICAL STUDENTS.

A. Conferences, Grand Rounds, Journal Clubs, etc.

Conferences/Courses:

- Annual UVA Otolaryngology-Head and Neck Surgery, Sawbones Maxillofacial Trauma Course

1. *LeFort Fractures*

Authors: **J Christophel***

Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Maxillofacial Trauma Course. Charlottesville, VA. (Aug 2015)

2. *Mandible Fractures*

Authors: **J Christophel***

Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Maxillofacial Trauma Course. Charlottesville, VA. (Aug 2015)

3. *Endoscopic Repair of Subcondylar Fractures*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Maxillofacial Trauma Course. Charlottesville, VA. (July 2014)
 4. *Mandible Fractures*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Maxillofacial Trauma Course. Charlottesville, VA. (June 2013)
 5. *Special Considerations in Mandible Fractures*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Maxillofacial Trauma Cadaver Course. Charlottesville, VA. (Sept 2012)
 6. *Mandible Fractures*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Maxillofacial Trauma Course. Charlottesville, VA. (May 2012)
 7. *Mandible Fractures*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Maxillofacial Trauma Course. Charlottesville, VA. (June 2011)
 8. *NOE Fractures*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Maxillofacial Trauma Course. Charlottesville, VA. (June 2011)
- **UVA Otolaryngology-Head and Neck Surgery, Annual Fitz-Hugh Symposium**
1. *Panel on repair of Nasal Mohs Defects*
Authors: **J Christophel***, Eric Dobratz, John Ballert, Ed Farrior
Meeting: 38th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2014)
 2. *Straightening the Twisted Dorsum*
Authors: **J Christophel***
Meeting: 38th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2014)

3. *Nasal Bone Fractures*
Authors: **J Christophel***
Meeting: 38th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2014)
4. *Care of the Child with Cleft Lip and Palate*
Authors: **J Christophel***
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2012)
5. *Coding for Local Flaps*
Authors: **J Christophel***
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2012)
6. *Composite Grafts*
Authors: **J Christophel***
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2012)
7. *Panel on Surgical Management of Nasal Obstruction.*
Moderator: **J Christophel***
Panelists: Stephen Park, Peter Hilger, Eric Dobratz, Spencer Payne
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2012)
8. *Panel on Facial Reconstruction of Mohs Defects.*
Moderator: **J Christophel***
Panelists: Stephen Park, Peter Hilger, Eric Dobratz, Mark Russell
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2012)

Grand Rounds:

1. *Facelift*
Authors: **J Christophel**
Meeting: University of Virginia Department of Otolaryngology Grand Rounds Presentation. Charlottesville, VA. (Oct 2015)
2. *Soft Tissue Trauma Basics.*
Authors: **J Christophel**
Meeting: University of Virginia Department of Otolaryngology Grand Rounds Presentation. Charlottesville, VA. (July 2015)
3. *Soft Tissue Trauma Basics.*
Authors: **J Christophel**
Meeting: University of Virginia Department of Otolaryngology Grand Rounds Presentation. Charlottesville, VA. (July 2014)

4. *In Office Facial Plastics: Injectable Fillers and Skin Resurfacing.*
Authors: **J Christophel**
Meeting: University of Virginia Department of Dermatology Grand Rounds Presentation. Charlottesville, VA. (June 2014)
5. *Velopharyngeal Dysfunction: A Surgical Perspective*
Authors: **J Christophel**
Meeting: University of Virginia Department of Otolaryngology – Head and Neck Surgery Grand Rounds Presentation. Charlottesville, VA. (Apr 2014)
6. *Soft Tissue Trauma*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Grand Rounds Presentation. Charlottesville, VA. (July 2013)
7. *Nasal Reconstruction*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Grand Rounds Presentation. Charlottesville, VA. (Nov 2012)
8. *Learning Technical Skills in Residency*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Grand Rounds Presentation. Charlottesville, VA. (Jan 2012)
9. *Lasers in Facial Plastic Surgery*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Grand Rounds Presentation. Charlottesville, VA. (Oct 2011)
10. *Trauma of the Orbital Skeleton.*
Authors: **J Christophel***
Activity: University of Virginia Department of Otolaryngology – Head and Neck Surgery Grand Rounds Presentation. Charlottesville, VA. (Jan 2011)

Journal Club:

OHNS Journal Club, 7/2010-present, monthly 2 hr group discussion

Surgical Case Conference:

OHNS Surgical Case Conference, 9/2011-present, 2 hr monthly conference, review/discussion

B. Student Counseling

Departmental Mentor to UVA Otolaryngology Residents

1. Resident Class 2013: Daniel Barker MD, Tam Nguyen MD
2. Resident Class 2014: Derek Robinson MD
3. Resident Class 2015: Brian Fishero MD
4. Resident Class 2016: James Teng MD

Residents Trained

1. Current residents
 - Dane Barrett, MD (Chief)
 - Brian Fishero, MD (Chief)
 - Matthew Hubbard, MD (Chief)
 - Amir Allak, MD (PGY4)
 - Deep Danan, MD (PGY4)
 - James Teng, MD (PGY4)
 - Stephen Bakos, MD (PGY3)
 - Paul Koors, MD (PGY3)
 - Brian Langford, MD (PGY3)
 - William Dougherty, MD (PGY2)
 - Patrick McGarey, MD (PGY2)
 - Robert Peters, MD (PGY2)
 - Matthew Miller, MD (PGY1)
 - Robert Reed, MD (PGY1)
 - Stephen Schoeff, MD (PGY1)
2. Residency Program graduates 2011-2014
 - Hans Carlson, MD (2014)
 - Brian Hughley, MD (2014)
 - Derek Robinson, MD (2014)
 - Daniel Barker, MD (2013)
 - Tam Nguyen, MD (2013)
 - Philip Chen, MD (2012)
 - Jk Rasamny, MD (2012)
 - Menachem Stuart, MD (2012)
 - Mark Schneyer, MD (2010)
 - Ashli O'Rourke, MD (2010)
 - Elizabeth Chance, MD (2010)

Medical Student Summer Research Program Advisor

1. Travis Halbert. UVA SOM Class of 2016 (summer 2013)
2. Kristin Boulter. UVA SOM Class of 2017 (summer 2014)
3. Shefali Rikhi. UVA SOM Class of 2018 (summer 2015)

Medical Student Clerkship Director – 4-6 students per month

C. Formal Study to Improve Teaching Abilities

Spring 2013 Leadership in Academic Matters: 10-week course given by UVA School of Medicine focused on developing professional and academic potential of UVA faculty.

D. Current Research Concerning Teaching

- Ongoing surgical simulation project studying resident performance in soft tissue surgery. Using a departmentally funded video-recorded soft tissue surgery simulator to investigate whether simulation improves faculty rating of resident soft tissue skills.

E. Other, including development of curriculum or new teaching materials, methods of evaluation, program supervision, etc.

Course Director:

- Guest of Honor and Co-Director at Ohio State University Department of Otolaryngology Annual Facial Trauma Course. Nov 2010, Jan 2012, Jan 2013, Apr 2014, July 2015
- Co-director of UVA annual Sawbones Facial Trauma Course. June 2011, May 2012, June 2013, July 2014, Aug 2015
- Director of Maxillofacial Trauma Cadaver Course. August 2012, October 2014. University of Virginia Health System
- Co-director of 36th Annual Fitz Hugh Symposium. June 2012
- Co-director of 38th Annual Fitz Hugh Symposium. June 2014

X. OTHER PROFESSIONAL ACTIVITIES (BOARDS, EDITORSHIPS, ETC.)

2013	AAO-HNS CORE Review Study Section (Direct Society Grant Funding)
2013-present	Reviewer, JAMA Facial Plastic and Reconstructive Surgery
2011-present	Reviewer, JAMA Otolaryngology – Head & Neck Surgery

XI. CLINICAL ACTIVITIES

A. Inpatient

- ½ day of scheduled inpatient OR per week.
- ½ - 1 day per week of additional Main OR time as needed for facial trauma

B. Outpatient

- 4 half day clinic blocks at UVA per week
- 1 day of scheduled outpatient OR at UVA per week.
- Beginning Fall 2012, started practice affiliation with Advanced Dermatology in Charlottesville, VA. Every Thursday after Main OR cases in the morning, I travel to the office of Mohs surgeon Vandana Nanda, MD to perform in-office skin cancer repairs. Many of these defects end up being too large to close in clinic and get booked in OR at UVA the following week.
- Beginning January 2013, started monthly Velopharyngeal Dysfunction and cleft clinic with Kathleen Borowitz SLP at UVA.

XII. SCHOOL, UNIVERSITY, UVA HOSPITALS, DEPARTMENTS, NATIONAL, AND STATE COMMITTEES & COUNCILS

A. UVA Hospitals

2013- Present	Dermatology Chair Search Committee
2012 – Present	Physician Advisory Committee on Contracting
2013 – Present	CITOC Clinical Research Subcommittee
2015	UPG Board of Directors Faculty Representative

B. Department

2014	Departmental SWOT Analysis Committee
2014 – Present	Departmental Clinical Competence Committee

C. National

American Academy of Facial Plastic and Reconstructive Surgery

2013 – Present	Fellowship Committee
2013 – Present	Membership/Residency Relations Committee
2011 – Present	Fellowship Curriculum Subcommittee
2010 - Present	Cleft Lip and Palate Committee
2010 – Present	Continuing Medical Education Committee
2010 – Present	Young Physician’s Committee
2010-- Present	Vascular Anomalies Committee (Chair)

XIII. FINANCIAL RESOURCES (GRANTS AND CONTRACTS)

A. Federal

N/A

B. State

N/A

C. Other

Role: Senior Investigator

Title: “A Comparison Evaluation of Fractional Laser Therapy and Dermabrasion for Scar Revision”

Period: 2009

Amount: \$7,500

Source: Solta Medical

XIV. PAPERS PUBLISHED OR IN PRESS (*) represents corresponding author, Mentees underlined.

A. Peer Reviewed

1. Das A, *Fisher B, **Christophel J**, Li CJ, Kohli N, Lin Y, Dighe AS, Cui Q.

- Poly(lactic-co-glycolide) polymer constructs cross-linked with human BMP-6 and VEGF protein significantly enhances rat mandible defect repair. *Cell Tissue Res.* 2015 Oct 16.
-Contribution: Collaboration in the lab of orthopedic surgeon Q Cui. Assisted in development of experimental design clinically relevant to craniofacial trauma. Mentored resident author in conducting experiment and edited article.
2. Teng J, Halbert T, McMurry TL, Levine PA, ***Christophel JJ**. Histopathologic margin distance in survival in resection of cutaneous melanoma of the head and neck. *Laryngoscope.* 2015 Aug;125(8):1856-60
 3. Allak A, ***Christophel JJ**. Update in disease-specific quality of life studies in facial plastic surgery. *Curr Opin Otolaryngol Head Neck Surg.* 2015 Aug;23(4):281-5
 4. Teng J, ***Christophel JJ**. Early Practice Focus: Evidence-Based Practice in Facial Plastic Surgery. *Facial Plast Surg Clin North Am.* 2015 Aug;23(3):393-405
 5. *Fishero B, Kohli N, Das A, **Christophel J**, *Cui Q. Current concepts of bone tissue engineering for craniofacial bone defect repair. *Craniofacial Trauma Reconstr.* *Craniofacial Trauma Reconstr.* 2015 Mar;8(1):23-30.
-Contribution: Collaboration in the lab of orthopedic surgeon Q Cui. Directed primary author in outline and content. Composed sections of article and edited article.
 6. Barrett D, Halbert T, Fiorillo C, Park S, ***Christophel J**. Cost Based Decision Analysis of Post-Reduction Imaging in the management of Mandibular Fractures. *JAMA Facial Plast Surg.* 2015 Jan-Feb;17(1):28-32. IF = 1.463, Rank 97 of 199 of Surgery journals.
 7. *Yong JS, Christophel JJ, Park SS. Repair of intermediate-size nasal defects: a working algorithm. *JAMA Otolaryngol Head Neck Surg.* 2014 Nov;140(11):1027-33
 8. *Schmitt P, Barrett D, **Christophel J**, Leiva-Salina C, Mukherjee S, Shaffrey M. Surgical Perspectives in Craniofacial Trauma. *Neuroimag Clin N Am.* 2014 Aug;24(3):531-552. IF = 1.204, Rank 87 of 120 Radiology, Nuclear Medicine & Medical Imaging journals, Rank 211 of 252 Neurosciences journals and Rank 12 of 14 Neuroimaging journals.
-Contribution: Composed and edited half of the article (facial trauma section)
 9. ***Christophel JJ**, Levine PA. Too Much of a Good Thing. *JAMA Otolaryngol Head Neck Surg.* 2014 Apr;140(4):291-2. PMID: 24503930. Cited 0 times, IF = 1.779, Rank 10 of 44 Otorhinolaryngology journals and Rank 69 of 199 Surgery journals.
 10. *Kennedy JL, Robinson D, **Christophel J**, Borish L, Payne S. Decision-Making

Analysis for Allergen Immunotherapy versus Nasal Steroids in the Treatment of Nasal Steroid-Responsive Allergic Rhinitis. *Am J Rhin Allergy*. 2014 Jan-Feb;28(1):59-64. PMID: 2417886. Cited 1 time, IF = 1.744, Rank 11 of 44 Otorhinolaryngology journals.

-Contribution: Developed and refined clinical decision model and performed Markov analysis using Tree-Age Pro software. Model required over 10 iterations and significant time investment.

11. ***Christophel JJ, Johnson AK, McMurry TL, Park SS, Levine PA.** Predicting Positive Margins in Resection of Cutaneous Melanoma of the Head and Neck. *Laryngoscope*. 2013 Mar;123(3):683-8. Epub 2013 Feb 12. PMID: 23404736. Cited 1 time, IF = 1.979, Rank 7 of 44 Otorhinolaryngology journals and Rank 72 of 121 Medicine, Research & Experimental journals.
-Collaboration with Department of Health Evaluation Sciences faculty T McMurry.
12. ***Christophel JJ, Park SS.** Structural Support and Dynamics at the Nasal tip. *Facial Plast Surg*. 2012 Apr;28(2):145-51. Epub 2012 May 6. PMID: 22562562. Cited 0 times, IF = 0.924, Rank 132 of 199 Surgery journals.
13. ***Christophel J, Elm C, Endrizzi B, Hilger P, Zelickson B.** A Randomized Controlled Trial of Fractional Laser Therapy and Dermabrasion for Scar Resurfacing. *Dermatol Surg* 2012;38(4):595-602. Cited 1 time, IF = 1.866, Rank 20 of 59 Dermatology journals and 67 of 199 Surgery journals.
14. ***Christophel JJ, Hilger PA.** Ossteocartilaginous Rib Graft Rhinoplasty: a stable, predictable technique for major dorsal reconstruction. *Arch Facial Plastic Surg* 2011 Mar-Apr;13(2):78-83. PMID: 21079106. Cited 5 times, IF = 1.463, Rank 97 of 199 of Surgery journals.
15. ***Christophel JJ, Gross CW.** Pediatric Septoplasty. *Otolaryngol Clin North Am*. 2009 Apr;42(2):287-94, ix. PMID: 19328893. Cited 1 time, IF = 1.458, Rank 18 of 44 Otorhinolaryngology journals.
16. ***Christophel JJ, Park SS.** Complications in Rhinoplasty. *Facial Plast Surg Clin North Am*. 2009 Feb;1(1):145-56, vii. PMID: 19181285. Times cited not in Web of Science, IF = not found, Rank = not found.
17. ***Burns JC, Christophel JJ, Collado MS, Magnus C, Carfrae M, Corwin JT.** Reinforcement of cell junctions correlates with the absence of hair cell regeneration in mammals and its occurrence in birds. *J Comp Neurol*. 2008 Nov 20;511(3):396-414. PMID: 18803241. Cited 26 times, IF = 3.661, Rank 3 of 151 Zoology journals and Rank 82 of 252 Neurosciences journals.
-Contribution: Listed as co-first author on paper. This was the result of a four month dedicated research block. I uncovered a significant finding and then collaborated with Joseph Burns in the Corwin lab who furthered the project into his PhD thesis.

18. ***Christophel JJ**, Chang JS, Park SS. Transplanted Tissue-Engineered Cartilage. *Arch Facial Plast Surg*, 2006 Mar-Apr;8(2):117-22. PMID:16549738. Cited 7 times, IF = 1.463, Rank 97 of 199 of Surgery journals.
19. ***Christophel J**. The Magnetic Properties of $Mn_{1-x}Ni_xCl_2 \cdot H_2O$ and the Preparation of $Fe[(C_2D_5)_2S_2CN]_3$ and $FeCl[(C_2D_5)_2S_2CN]_2$. *Senior Honors Thesis*, Spring 2000.
20. *DeFotis G, **Christophel J**, Havey D, et al. Static magnetic properties and magnetic phase diagram of $Mn_{1-x}Ni_xCl_2 \cdot 2H_2O$. *Physica B* 362 (2005) 18–28. Cited 5 times, IF = 1.327, Rank 42 of 68 Physics, Condensed Matter journals. Contribution: Performed bulk of the research for this paper in lab of Gary DeFotis.
21. *Campo J, Luzon J, Palacio F, DeFotis G, **Christophel J**, Ressouche E. Neutron Diffraction Study of the Structural Phase Transition in the Deuterated Molecular Ferromagnet $Fe(dtc)_2Cl$. *Appl Phys A-Mater* 74: S923-S925 Part 1 Suppl. S DEC 2002. Cited 1 time, IF = 1.545, Rank 96 of 241 Materials Science, Multidisciplinary journals and Rank 55 of 128 Physics, Applied journals. Contribution: Performed research used as the foundational experiments for this paper.

B.

Books and/or Chapters (All chapters have been invited)

1. Title: *Secondary Rhinoplasty*
Authors: **J Christophel**, S Park
Editors: Rohrich, Ahmad
Text: Secondary Rhinoplasty by the Global Masters. 2016 (IN PRESS)
2. Title: *Skin Resurfacing*
Authors: **J Christophel**, J Ridgeway
Editors: Paparella, Hilger
Text: International Textbook of Otolaryngologic Principles and Practice. 2014 (IN PRESS)
3. Title: *Head and Neck Trauma*.
Authors: D Clopton, S Mukherjee, **J Christophel**, M Wintermark, P Raghavan
Editors: Raghaven, Mukherjee, Jameson, Wintermark
Text: Manual of Head and Neck Imaging. Springer. P 295-319. 2014
4. Title: *Structural Support and Dynamics at the Nasal tip*.
Authors: **J Christophel**, S Park
Editors: Scalafini
Text: Rhinoplasty, April 2015

5. Title: *Functional Rhinoplasty*.
Authors: **J Christophel**, H Carlson, S Park
Editors: Alam
Text: Ballenger's Otorhinolaryngology Head and Neck Surgery 18e. Chp 56.
2014 (IN PRESS)
6. Title: *Facial, Eye, Nasal, and Dental Injuries*.
Authors: **J Christophel**
Editors: Delee and Drez
Text: Orthopedic Sports Medicine 4e. Saunders. Chp 27, 20 May 2014
7. Title: *Saddle Nose*
Authors: S Owen, **J Christophel**, S Park.
Editors: S Becker
Text: Rhinoplasty Archive. 2012

C. Short Communications

1. Kennedy JL, Borish L, **Christophel J**, Payne SC. Response. *Am J Rhinol Allergy*. 2014 Jul;28(4):353-4
2. **J Christophel**, P Levine. Reply to "Gift Horse - What to make of increased residency applications" *JAMA Otolaryngol Head Neck Surg* 2014 Jul;140(7):678. IF = 1.779, Rank 10 of 44 Otorhinolaryngology journals and Rank 69 of 199 Surgery journals.

D. Abstracts/Presentations (*) Presenter

1. *Does Histopathologic Margin Distance Correspond with Survival in Resection of Cutaneous Melanoma of the Head and Neck?*
Authors: J Teng*, T Halbert, T McMurry, P Levine, **J Christophel**
Meeting: Combined Otolaryngologic Sections Meeting of the Triological Society. Las Vegas, NV. (May 2014)
2. *Repair of Intermediate Size Nasal Defects – A Working Algorithm*
Authors: Jenica Yong*, **J Christophel**, Stephen Park
Meeting: AAFPRS 11th International Symposium. New York, NY. (May 2014)
3. *Cost Effectiveness of Post Mandibular Fracture Imaging*.
Authors: D Barrett*, **J Christophel**,
Meeting: Virginia Society of Otolaryngology Annual Meeting, Williamsburg, VA (Mar 2014)
4. *Practiced Based Learning – Does Repeated Practice Make Perfect?*
Authors: D Barker*, **J Christophel**
Meeting: 37th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2013)

5. *Mandibular Osteoneogenesis in the Rat Mandible*
Authors: B Fishero*, Q Cui, **J Christophel**
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2013)
6. *Does Histopathologic Resection Margin Affect Survival in H&N Cutaneous Melanoma*
Authors: J Teng*, T Halbert, **J Christophel**
Meeting: 37th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2013)
7. *Practiced Based Learning in Graduate Medical Education: A Soft Tissue Skills Surgical Simulator*
Authors: D Barker*, N Kohli, **J Christophel**
Meeting: Virginia Society of Otolaryngology Annual Meeting. Virginia Beach, VA (May 2013)
8. *Utility of Post-Reduction imaging in management of mandible fractures*
Authors: D Barrett*, D Johnson, **J Christophel**
Meeting: Combined Otolaryngology Society Meeting (COSM), Orlando, FL (April 2013)
9. *The Real Perception towards Patients following Facial Cosmetic Surgery.*
Authors: C Chou*, N Sriram, **J Christophel**, S Park
Meeting: (Poster Presentation) Combined Sections Meeting of the Triological Society, Scottsdale, AZ (Jan 2013)
10. *A Cost Effectiveness Analysis of Closed Reduction in Nasal Bone Fractures.*
Authors: B Fishero*, J Nellis, **J Christophel**,
Meeting: Combined Sections Meeting of the Triological Society, Scottsdale, AZ (Jan 2013)
11. *Utility of Post-Reduction Imaging in Management of Mandible Fractures.*
Authors: D Barrett*, C Cook, **J Christophel**,
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2012)
12. *A Cost Effectiveness Analysis of Closed Reduction in Nasal Bone Fractures.*
Authors: B Fishero*, **J Christophel**,
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2012)
13. *Repeated Practice and Surgical Simulators: Does Practice Make Perfect?*
Authors: D Barker*, N Kohli, **J Christophel**,
Meeting: 36th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2012)
14. *Predicting Positive Margins in Resection of Cutaneous Melanoma of the Head and Neck*

- Authors: **J Christophel***, D Barrett, A Johnson, S Park, P Levine
Meeting: Triological Society 115th Annual Meeting at COSM. San Diego, CA
(April 2012)
15. *A Randomized Controlled Trial of Fractional Laser Therapy and Dermabrasion for Scar Resurfacing*
Authors: **J Christophel***, C Elm, B Endrizzi, P Hilger, B Zelickson
Meeting: AAFPRS Spring Scientific Meeting at COSM. San Diego, CA (April 2012)
16. *Merkel Cell Carcinoma of the Head and Neck: Does Wide Excision Matter?*
Authors: M Foote*, **J Christophel**, G Essig, P Levine, M Poulson
Meeting: Tri-Society Head and Neck Oncology Meeting 2011. Marina Bay Sands, Singapore (Sep 2011)
17. *Decision Analysis for Treatment of Allergic Rhinitis.*
Authors: D Robinson*, **J Christophel**, S Payne
Meeting: 35th Annual Fitz Hugh Symposium, University of Virginia, Charlottesville, VA (June 2011)
18. *Family Team Care.*
Authors: **J Christophel***, Peter Anderson
Meeting: University of Virginia Entrepreneurial Concept Competition Finalist Presentations. Charlottesville, VA (Nov 2010)
19. *Use of Osseocartilaginous Rib Grafts in Rhinoplasty.*
Authors: **J Christophel***, P Hilger
Meeting: American Academy of Facial Plastic and Reconstructive Surgery Annual Meeting. Boston, MA. (Sep 2010)
20. *Improved Stability of Osseocartilaginous Rib Grafts in Rhinoplasty.*
Authors: **J Christophel***, P Hilger
Meeting: International Federation of Facial Plastic Surgery Societies 10th International Symposium. Hollywood, FL. (April 2010)
21. *Margin Status in the Treatment of Merkel Cell Carcinoma: Does Wide Excision Matter?*
Authors: **J Christophel***, G Essig, Z Syed, P Levine.
Meeting: 33rd Annual Fitz-Hugh Symposium, University of Virginia, Charlottesville, VA (June 2009)
22. *Assessing the Need for Craniotomy in Removing Nasal Dermoids.*
Authors: **J Christophel***, A Beckler, S Park.
Meeting: Triological Society Southern Section meeting, Bonita Springs, FL (January 2009)
23. *Assessing the Need for Craniotomy in Removing Nasal Dermoids.*
Authors: **J Christophel***, A Beckler, S Park.

- Meeting: 32nd Annual Fitz-Hugh Symposium, University of Virginia, Charlottesville, VA (June 2008)
24. *Beware the Nasal Pit.*
Authors: **J Christophel***, A Beckler, S Park.
Meeting: Virginia Society of Otolaryngology Annual Meeting, Virginia Beach, Virginia. (May 2008.)
25. *Hair Cell Regeneration: Role of the Cortical Actin Band.*
Authors: **J Christophel***, J Burns, J Corwin.
Meeting: American Academy of Otolaryngology – Head and Neck Surgery, Washington DC. (Sept 2007).
26. *Hair Cell Regeneration: Role of the Cortical Actin Band.*
Authors: **J Christophel***, J Burns, J Corwin.
Meeting: 31st Annual Fitz-Hugh Symposium, University of Virginia, Charlottesville, VA (June 2007)
27. *Hair Cell Regeneration: Role of the Cortical Actin Band.*
Authors: **J Christophel***, J Burns, J Corwin.
Meeting: Virginia Society of Otolaryngology Annual Meeting, Williamsburg, VA. (April 2007)
28. *Transplanted Tissue-Engineered Cartilage.*
Authors: **J Christophel***, JS Chang, S Park.
Meeting: 30th Annual Fitz-Hugh Symposium, University of Virginia, Charlottesville, VA (June 2006)
29. *Transplanted Autogenous Tissue Engineered Cartilage.*
Authors: Jin Soon Chang*, **J Christophel**, Stephen S. Park.
Meeting: American Academy of Otolaryngology – Head and Neck Surgery, New York, NY. (Sept 2004).
30. *Expression of the recombinant Group 2 homologue from Blomia tropicalis: Comparison of the immunoreactivity of Blo t 2 and Blo t 5.*
Authors: **J Christophel***, N Hozic, L Arruda, et al.
Meeting: Abstract presented at the 2002 American Academy of Asthma, Allergy, and Immunology, New York, NY. (September 2002)
31. *The Magnetic Properties of $Mn_{1-x}Ni_xCl_2 \cdot H_2O$ and the Preparation of $Fe[(C_2D_5)_2S_2CN]_3$ and $FeCl[(C_2D_5)_2S_2CN]_2$.*
Authors: **J Christophel***, G Defotis.
Meeting: Defense of Senior Honors Thesis in Physical Chemistry. College of William and Mary, Williamsburg, VA. (April 2000)
32. *Magnetic Phase Diagram and Static Properties of Mn/Ni Dichloride Dihydrate.*
Authors: G Defotis*, **J Christophel**, D Havey, et al.

Meeting: American Physical Society Meeting. Montreal, Quebec. (March 2004)

33. Abstract: DeFotis G*, **Christophel J**, Havey D, et al. Mixed magnetic Mn/Ni dichloride dihydrate. *Abstracts of Papers of the American Chemical Society* 224: 402-INOR Part 1 Aug 18 2002.

34. *Paper FR-II: Magnetic Properties of Mn_{1-x}Ni_xCl₂•2H₂O.*

Authors: G DeFotis*, **J Christophel**, et al.

Meeting: Forty-sixth Annual Conference on Magnetism and Magnetic Materials, Seattle, WA (November 2001)

35. *Neutron Diffraction Study of the Structural Phase Transition in the Deuterated Molecular Ferromagnet Fe(dtc)₂Cl.*

Authors: J Campo*, J Luzon, F Palacio, G DeFotis, **J Christophel**, and E Ressouche.

Meeting: International Conference on Neutron Scattering, Munich, Germany, (September 2001)

XV. INVITED LECTURES AND SYMPOSIUMS

1. *Facelifting*

Meeting: UVA Dept of Dermatology Grand Rounds invited speaker (Feb 2016)

2. *Cleft Lip and Palate Surgery*

Meeting: UVA Dept of Dentistry Grand Rounds invited speaker (Sept 2015)

3. *NOE Fractures*

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery 4th Annual Facial Trauma Course. Columbus, OH (July 2015)

4. *Mandible Fractures*

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery 5th Annual Facial Trauma Course. Columbus, OH (July 2015)

5. *Facial Paralysis:*

Meeting: Virginia Society of Otolaryngology Annual Meeting. Wintergreen, VA (May 2015)

6. *AAFPRS Fellowships:*

Authors: **J Christophel***

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery 4th Annual Facial Trauma Course. Columbus, OH (Apr 2014)

7. *Mandible Fractures.*

Authors: **J Christophel***

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery 4th Annual Facial Trauma Course. Columbus, OH (Apr 2014)

8. *NOE Fractures.*

Authors: **J Christophel***

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery 4th Annual Facial Trauma Course. Columbus, OH (Apr 2014)

9. *Velopharyngeal Dysfunction: A Surgical Perspective*

Authors: **J Christophel**

Meeting: James Madison University, Department of Communications Sciences and Disorders Quarterly Research Seminar. Harrisonburg, VA. (Apr 3rd, 2014)

10. *Facial Plastic Surgery Panel. Subtopic: The Crooked Nose.*

Authors: **J Christophel***, S Park, J Rhee, E Dobratz

Meeting: Virginia Society of Otolaryngology Annual Meeting. Williamsburg, VA. (Mar 2014)

11. *Humanitarian Surgical Missions.*

Authors: **J Christophel***

Meeting: AOA Quarterly Meeting. University of Virginia School of Medicine. Charlottesville, VA (Mar 4th, 2014)

12. *Straightening the Twisted Dorsum.*

Authors: **J Christophel***

Meeting: Triological Society Combined Sections Meeting. Miami Beach, FL. (Jan 2014)

13. *New Technology Panel*

Authors: J Han, Bok, **J Christophel**,

Meeting: Virginia Society of Otolaryngology Annual Meeting. Virginia Beach, VA (May 2013)

14. *Complex Mandible Fractures.*

Authors: **J Christophel***

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery Annual Facial Trauma Course. Columbus, OH (Jan 2013)

15. *NOE Fractures.*

Authors: **J Christophel***

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery Annual Facial Trauma Course. Columbus, OH (Jan 2013)

16. *Nasal Fractures.*

Authors: **J Christophel***

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery Annual Facial Trauma Course. Columbus, OH (Jan 2013)

17. *Mandible Fractures.*

Authors: **J Christophel***

Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery Annual Facial Trauma Course. Columbus, OH (Jan 2013)

18. *NOE fractures.*

Authors: **J Christophel***
Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery
Annual Facial Trauma Course. Columbus, OH (Jan 2012)

19. *Humanitarian Cleft Surgery in Kenya.*

Authors: **J Christophel***
Meeting: University of Virginia Operation Smile Interest Group monthly meeting.
Charlottesville, VA. (Sep 2011)

20. *Osseocartilaginous Rib Graft for Dorsal Augmentation.*

Authors: **J Christophel***
Meeting: Annual Fitz Hugh Symposium. Charlottesville, VA (June 2011)

21. *Facial Plastics Panel*

Panelists: **J Christophel***, C Bergeron, T Doerr, S Hopping
Meeting: 2nd Annual Cherry Blossom Conference: Otolaryngology Update. Washington,
DC (April 2011)

22. *Surgical Approaches to the Facial Skeleton.*

Authors: **J Christophel***
Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery
Annual Facial Trauma Course. Columbus, OH (Nov 2010)

23. *Orbital Trauma.*

Authors: **J Christophel***
Meeting: Ohio State University Department of Otolaryngology – Head & Neck Surgery
Annual Facial Trauma Course. Columbus, OH (Nov 2010)

24. *Free Paper Session*

Moderator: **J Christophel***
Meeting: American Academy of Facial Plastic and Reconstructive Surgery Annual
Meeting. Boston, MA. (Sep 2010)

25. *Management of Facial Paralysis.*

Authors: **J Christophel***
Meeting: Minnesota Academy of Otolaryngology Mid – Winter Conference. Minneapolis,
MN (January 2010)

XVI. COMMUNITY

Board Member, Regents School of Charlottesville	2011-present
Smile Train Cleft Mission to Kijabe, Kenya (Performed 20 cleft lip and palate repairs in two weeks)	Feb/Mar 2015
Smile Train Cleft Mission to Kijabe, Kenya (Performed 20 cleft lip and palate repairs in two weeks)	Feb/Mar 2014
Smile Train Cleft Mission to Kijabe, Kenya	Feb/Mar 2012

Date of last revision, 01/06/2016

(Performed 20 cleft lip and palate repairs in two weeks)

Smile Train Cleft Mission to Kijabe, Kenya

Feb/Mar 2011

(Performed 20 cleft lip and palate repairs in two week)

Manna Mission Hospital, Accra, Ghana

Feb/Mar 2004

UVA Spinal Chords. All-male a cappella group. Director

2000-2002

Christian Medical Association. Worship Leader.

2000-2002

Medical Mission trip to Honduras

Summer 2001

Medical Mission trip to Peru

Summer 2000

Habitat for Humanity

Spring 2001, 2002