**Mariah Ruth Brown, MD**

**CURRICULUM VITAE**

**Current position:**

Director, Mohs Surgery and Cutaneous Oncology

Program Director, Micrographic Surgery and Dermatologic Oncology Fellowship

Associate Professor

Department of Dermatology, University of Colorado School of Medicine

**Education**

1995-1999 **Bachelor of Arts**  Stanford University, Stanford, CA

2000-2005 **Doctor of Medicine**

Yale University School of Medicine, New Haven, CT

2005-2006 **Internship – Transitional Medicine**  HealthOne Presbyterian-St. Luke’s Medical Center, Denver, CO

2006-2009 **Residency – Dermatology**

Department of Dermatology, University of Colorado, Aurora, CO

2009-2010 **Fellowship – Mohs Micrographic Surgery and Cutaneous Oncology**

American College of Mohs Surgery-Accredited Fellowship

Department of Dermatology, University of Colorado, Aurora, CO

**Academic appointments**

# 2010-2017 Assistant Professor

Mohs Surgery and Cutaneous Oncology

Department of Dermatology, University of Colorado, Aurora, CO

# 2017-Present Associate Professor

Mohs Surgery and Cutaneous Oncology

Department of Dermatology, University of Colorado, Aurora, CO

**Honors and awards**

Undergraduate: Stanford University

* Graduate with Honors and Distinction
  + Honors in English Literature
  + Minor in Biological Sciences
  + Distinction: Top 10% of graduating class

Graduate: Yale University

* *Cum laude* graduate
* Farr Scholars Award for excellence in research
* NIH Cancer Education Grant/Yale Cancer Center One-Year Research Fellowship

Post-graduate:

* 2008 Chief Resident: University of Colorado Department of Dermatology
* 2008 Women’s Dermatologic Society Academic Research Grant
* 2008 Skin Cancer Foundation Young Investigator Research Grant

**Membership in professional organizations**

2006-Present American Academy of Dermatology

* 2010-Present *Fellow Member*

2010-Present American College of Mohs Surgery

* 2010-2013 *Associate Member*
* 2013-Present *Fellow Member*

2005-Present American Medical Association

2006-Present American Society for Dermatologic Surgery

2014-Present Association of Professors in Dermatology

2006-Present Colorado Dermatologic Society

2006-Present Women’s Dermatologic Society

**Major committee and service responsibilities**

Local

2010-2013 **Member**, University of Colorado Skin Cancer Biorepository Scientific Advisory Committee

2015-Present **Lab Director**, College of American Pathologists-Accredited University of Colorado Mohs Laboratory

National

**American College of Mohs Surgery**

2014-Present **Member**, National Registry and Outcomes (NRO) Committee

2014-Present **Member**, Mohs Log Subcommittee of NRO

2016-Present **Chair**, Mohs Log Subcommittee of NRO

2016-2017**Member***,* Vendor Vetting Ad Hoc Subcommittee of NRO

2015-Present **Member**, CME & Education Committee

2017-Present **Member**, JumpStart Team, MohsAIQ Registry

2018-Present **Member**, Standardized Letter of Recommendation Committee

2018-Present **Chair**, Patient Safety Subcommittee

**American Society for Dermatologic Surgery**

2014-Present **Member**, Cosmetic Fellowship Accreditation Committee

2013-2016 **Member**, Public Service Work Group

**American Academy of Dermatology**

2016-Present **Member**, Core Curriculum Task Force

Other service responsibilities

2014-2015 **Vice-Chair**, Dermatologic Surgery fundraising campaign Dermatology Foundation Leaders' Society

2013-2014 **Member**, Future Leaders’ Network

2015-Present **Co-Leader**, Reconstruction Shared Interest Group

2016-Present **Preceptor**, American Society for Dermatologic Surgery

**Licensure and board certification**

2009-Present Colorado Medical License

2009-PresentDiplomate of theAmerican Board of Dermatology

2009-Present American Board of Dermatology Maintenance of Certification

2009-Present Credentialed: University of Colorado Hospital, Children’s Hospital Colorado, Denver Health Hospital

**Review and referee work**

2013-Present **Journal reviewer**: *Dermatologic Surgery*

2016-Present **Journal reviewer**: *Ophthalmic Plastic and Reconstructive Surgery*

2016-Present **Journal reviewer**: *JAAD Case Reports*

2017-Present **Journal reviewer**: *Journal of the American Academy of Dermatology*

2017-Present **Journal reviewer**: *JAMA Dermatology*

2015-Present **Reviewer for scientific meeting content:** American College of Mohs Surgery

2016 **Scientific abstract referee:** American Society for Dermatologic Surgery

2019 **Scientific abstract referee:** American College of Mohs Surgery

2017-Present **Examination question preparation**

* 2017 Colorado Dermatologic Society Maintenance of Certification
* American Board of Dermatology Online Board Prep Question Bank: Dermatologic Surgery – Flaps and Grafts

**Invited lectures and presentations**

Local

1. **Invited Speaker**. “Benign and Malignant Skin Growths.” Rocky Mountain Dental Study Group. March 2010. Denver, CO.
2. **Featured physician**. “Skin Cancer and Sunscreen.” 9News Health Line special on skin cancers. June 2011.
3. **Invited speaker. “**Mohs Surgery.”University of ColoradoOtolaryngology Grand Rounds. August 2014. Aurora, CO.
4. **Featured physician**. “Colorado College hockey announcer warns others about subtle signs of skin cancer you might miss.” 7News piece on melanoma. May 2016.

National

1. **Moderator**. General Dermatologic Surgery Abstracts. 2012 American Society for Dermatologic Surgery Annual Meeting. Atlanta, GA.
2. **Presenter**.Procedural Dermatology Session: Academic Dermatologic Surgery. 2013 Association of Professors in Dermatology Annual Meeting. Chicago, IL.
3. **Presenter**. Maintenance of Certification Session: Cutaneous Oncology and Mohs Surgery. 2013 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
4. **Invited speaker**. **“**Essential Closures You Can’t Live Without: Making the Nasalis Work for You in Nasal Reconstruction.” 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
5. **Invited speaker**. “Upper Lip Reconstruction.” 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
6. **Invited speaker**. “Mohs and Excisions.” 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
7. **Invited speaker**. “Flaps in Dermatologic Surgery.” 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
8. **Invited speaker**. “Applications of the Percutaneous Buried Vertical Mattress Suture.” 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
9. **Invited speaker and panelist**. “Career and Mentorship.” Women’s Dermatologic Society Luncheon. 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
10. **Invited speaker.** “Issues That Make You Look Things Up: Antibiotics in Dermatologic Surgery.” 2014 American College of Mohs Surgery Regional Meeting. Charleston, SC.
11. **Invited speaker and panelist**. "When is Mohs Surgery Not Appropriate for Skin Cancer?" 2015 Ultimate Colorado Midwinter Meeting for Otolaryngology. Vail, CO.
12. **Invited speaker and panelist. “**Pearls and Pitfalls for the First 10 years: Lessons from Academic Dermatologic Surgery.” 2015 American Academy of Dermatology Annual Meeting. San Francisco, CA.
13. **Presenter.** Maintenance of Certification Session. 2015 American College of Mohs Surgery Annual Meeting. San Antonio, TX.
14. **Invited speaker. “**Opening Session Literature Review: Cutaneous Oncology**.”** 2015 American College for Mohs Surgery Annual Meeting. San Antonio, TX.
15. **Invited speaker**. “Morning at the Movies: Nasalis Hinge Flap.” 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
16. **Invited speaker**. “Flaps in Dermatologic Surgery.” 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
17. **Invited speaker**. “Applications of the Percutaneous Buried Vertical Mattress Suture.” 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
18. **Invited speaker**. “Alar Reconstruction.” 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
19. **Invited speaker**. “Lip Anatomy and Reconstruction.” 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
20. **Invited speaker. “**Tumor Board: Deeply Infiltrative Tumors of the Neck.”2015 American College of Mohs Surgery Regional Meeting. Napa, CA.
21. **Invited speaker and panelist**. "Preoperative Management of High Risk Squamous Cell Carcinoma." 2016 Ultimate Colorado Midwinter Meeting for Otolaryngology. Vail, CO.
22. **Invited speaker. “**Young Physicians Forum: Lessons for Dermatologic Surgery.” 2016 American Academy of Dermatology Annual Meeting. Washington, DC.
23. **Invited speaker**.“Nasal Tip: Forehead Flap.” 2016 American College of Mohs Surgery Annual Meeting. Orlando, FL.
24. **Invited speaker**. **“**Reconstruction Videos: Melolabial Interpolation Flap.” 2016 American College of Mohs Surgery Annual Meeting. Orlando, FL.
25. **Facilitator**. Research Session – Dermatologic Surgery Section. 2016 Association of Professors in Dermatology Annual Meeting. Chicago, IL.
26. **Moderator**.“Reconstruction and Anticoagulants.” 2016 American Society for Dermatologic Surgery Annual Meeting. New Orleans, LA.
27. **Invited speaker**. “Techniques to Prevent Postoperative Bleeding.” 2016 American Society for Dermatologic Surgery Annual Meeting. New Orleans, LA.
28. **Invited speaker.** “Rotation Flaps.” 2016 American Society for Dermatologic Surgery Annual Meeting. New Orleans, LA.
29. **Invited speaker.** “Surgical Interest Groups: Reconstruction and Skin Cancer.” 2016 American Society for Dermatologic Surgery Annual Meeting. New Orleans, LA.
30. **Invited speaker**. “Applications of the Percutaneous Buried Vertical Mattress Suture.” 2016 American Society for Dermatologic Surgery Annual Meeting. New Orleans, LA.
31. **Invited speaker and panelist**. “Reconstruction: Spiral Flap.” 2017 Ultimate Colorado Midwinter Meeting for Otolaryngology. Vail, CO.
32. **Invited speaker.** “Surgical Complications: Scar Revision” 2017 American Academy of Dermatology Annual Meeting. Orlando, FL.
33. **Invited speaker**. “Scar Revision: Post-auricular Webbing.” 2017 American Academy of Dermatology Annual Meeting. Orlando, FL.
34. **Invited speaker**. “Practical Pre- and Postoperative Considerations for Mohs Surgery: Post-operative Dressings.” 2017 American College of Mohs Surgery Annual Meeting. San Francisco, CA.
35. **Invited speaker**.“Forehead Flap.” 2017 American College of Mohs Surgery Annual Meeting. San Francisco, CA.
36. **Invited speaker**. “Reconstructive Diamonds: Maintaining Nasal Contour. 2017 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
37. **Invited speaker**: “Reconstructive Conundrums: Large Mid-Cheek Defects.” 2017 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
38. **Invited speaker and panelist**. “Reconstruction of small defects of the distal nose.” 2018 Ultimate Colorado Midwinter Meeting for Otolaryngology. Vail, CO.
39. **Invited speaker**. “Principles of tissue movement.” 2018 American College of Mohs Surgery Annual Meeting. Chicago, IL.
40. **Invited speaker**. “Refining staged flaps.” 2018 American College of Mohs Surgery Annual Meeting. Chicago, IL.
41. **Invited speaker**. “Scar Revision.” 2018 American College of Mohs Surgery Annual Meeting. Chicago, IL.
42. **Visiting professor**. “Nail Surgery.” Grand Rounds. University of Texas-Austin. June, 2018.
43. **Invited Speaker**. “Complications and Refinements in Dermatologic Surgery” Grand Rounds. University of Texas-Austin. June, 2018.
44. **Invited Speaker**. “Surgical Scar Revision.” 2019 American College of Mohs Surgery Annual Meeting. Baltimore, MD.
45. **Invited Speaker**. “Lip Reconstruction.” 2019 American College of Mohs Surgery Annual Meeting. Baltimore, MD.
46. **Invited Speaker.** “Chondrocutaneous Advancement Flap.” 2019 American College of Mohs Surgery Annual Meeting. Baltimore, MD.

**Teaching Faculty**

2014-Present **Fellowship Director,** Micrographic Surgery and Dermatologic Oncology Fellowship

2011-2014 **Associate Program Director**, Procedural Dermatology Fellowship

2013-Present **Affiliated Faculty**,University of Colorado Plastic Surgery Residency

2010-Present **Affiliated Faculty**,University of ColoradoOculoplastics Fellowship

2010-Present **Pediatric Dermatologic Surgery Faculty**, Children’s Hospital Colorado

**National educational lectures**

1. **Faculty**, Resident Hands-on Workshop: Tumor Excision/Wound Repair and Injectable Techniques. *4-hour course for residents on basics of dermatologic surgery*. 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
2. **Faculty**, Advanced Suturing Techniques. *4-hour course for residents and practicing dermatologists*. 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
3. **Faculty**, Hands-on Workshop: Tumor Excision/Wound Repair and Injectable Techniques. *8-hour course on basics of dermatologic surgery for practicing dermatologists*. 2014 American Society for Dermatologic Surgery Annual Meeting. San Diego, CA.
4. **Faculty**,Fellows-in-Training Hands-on Skin Flap Course. *4-hour course on flaps for Micrographic Surgery and Dermatologic Oncology fellows*. 2015 American College for Mohs Surgery Annual Meeting. San Antonio, TX.
5. **Faculty**, Resident Hands-on Workshop: Tumor Excision/Wound Repair and Injectable Techniques. *4-hour course for residents on basics of dermatologic surgery*. 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
6. **Faculty**, Advanced Suturing Techniques. *4-hour course for residents and practicing dermatologists*. 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
7. **Faculty**, Hands-on Workshop: Tumor Excision/Wound Repair and Injectable Techniques. *8-hour course on basics of dermatologic surgery for practicing dermatologists*. 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
8. **Invited speaker**, “Making Yourself a Great Applicant for a Procedural Fellowship: Tips from a Program Director.” Mini-symposium Part 1: Residents. 2015 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
9. **Faculty**, Fellows-in-Training Hands-on Skin Flap Course. *4-hour course on flaps for Micrographic Surgery and Dermatologic Oncology fellows*. 2016 American College for Mohs Surgery Annual Meeting. Orlando, FL.
10. **Faculty**, Preconference Course: Tumor Excision/Wound Repair. *4-hour course for residents and practicing dermatologists.* 2016 American Society for Dermatologic Surgery Annual Meeting. New Orleans, LA.
11. **Faculty**, Hands-on Workshop: Advanced Suturing Techniques. *4-hour course for residents and practicing dermatologists.* 2016 American Society for Dermatologic Surgery Annual Meeting. New Orleans, LA.
12. **Faculty,** Hand-on Workshop: Scar revision. *3-hour course for dermatologists*. 2017American Academy of Dermatology Annual Meeting. Orlando, FL.
13. **Faculty**, Fellows-in-Training Hands-on Skin Flap Course. *4-hour course on flaps for Micrographic Surgery and Dermatologic Oncology fellows*. 2017 American College for Mohs Surgery Annual Meeting. San Francisco, CA.
14. **Invited speaker**, “Mentorship in Dermatologic Surgery.” 2017 American College of Mohs Surgery Annual Meeting. San Francisco, CA.
15. **Faculty**, Hands-on Workshop: Advanced Suturing Techniques. *2-hour course for residents and practicing dermatologists.* 2017 American Society for Dermatologic Surgery Annual Meeting. Chicago, IL.
16. **Course Director,** Fellows-in-Training Hands-on Skin Flap Course. *8-hour course on flaps for Micrographic Surgery and Dermatologic Oncology fellows*. 2018 American College for Mohs Surgery Annual Meeting. Chicago, IL.
17. **Course Director,** Fellows-in-Training Hands-on Skin Flap Course. *8-hour course on flaps for Micrographic Surgery and Dermatologic Oncology fellows*. 2019 American College for Mohs Surgery Annual Meeting. Baltimore, MD
18. **Presenter**, Dermatologic Surgery National TeleJournal Club. 2014 to Present.

**Research**

COMIRB Protocol 14-0842; **Role: Co-Investigator**

A Pilot Study of Tissue and Hematopoietic Stem Cell Collection for Humanized Xenograft Studies in Melanoma and Squamous Head and Neck Cancer.

$180,000 Funding from the Karsh Family Fund and the Gates Fund

*Status: Data collection in progress.*

COMIRB Protocol 14-0842; **Role: Co-Investigator**

RegiSONIC: A prospective observational study of treatment patterns and effectiveness and safety outcomes in advanced basal cell carcinoma and basal cell carcinoma nevus syndrome patients.

*Status: Data collection in progress.*

COMIRB Protocol 13-3086; **Role: Primary Investigator**

Retrospective review of large non-melanoma skin cancers removed with Mohs Micrographic Surgery: a 10-year experience.

*Status: Data collected; manuscript in preparation; abstract presented at national meeting.*

COMIRB Protocol 13-3086; **Role: Primary Investigator**

Damage to the temporal branch of the facial nerve in Mohs Micrographic Surgery.

*Status: Data collected; manuscript in preparation.*

COMIRB Protocol 13-2887; **Role: Primary Investigator**

Retrospective review of surgically excised pediatric keloids treated with or without adjuvant radiotherapy.

*Status: Data collected; manuscript in preparation; abstract presented at national meeting.*

COMIRB Protocol 15-0799; **Role: Co-Investigator**

Incidence, Treatment, and Clinical Behavior of Cutaneous Malignancy in a Group of Solid Organ Transplant (Lung) Recipients, A Single Institution’s Experience.

*Status: Data collection in progress.*

**Bibliography**

Manuscripts in peer-reviewed journals

1. **Ruth MC**, Old WM, Emrick MA, Meyer-Arendt K, Aveline-Wolf LD, Pierce KG, Sevinsky JR, Hamady M, Knight RD, Resing KA, Ahn NG. Analysis of membrane proteins from human chronic myelogenous leukemia cells: comparison of extraction methods for multidimensional LC-MS/MS. *J Proteomics Res*. 2006 Mar;5(3):709-19*.* PMID: 16512687.
2. **Ruth MC,** Xu Y, Maxwell IH, Ahn NG, Norris DA, Shellman YG. RhoC promotes human melanoma invasion in a PI3K/Akt-dependent pathway*. J Invest Dermatol*. 2006 Apr;126(4):862-8. PMID: 16470169.
3. Cohen JL, **Brown MR**. Anatomic considerations for soft tissue augmentation of the face. *J Drugs in Dermatol*. 2009 Jan;8(1):13-6. PMID: 19180890.
4. High WA, Ranville JF, **Brown MR**, Punshon T, Lanzirotti A, Jackson BP. Gadolinium deposition in nephrogenic systemic fibrosis: An examination of tissue using synchrotron x-ray fluorescence spectroscopy. *J Am Acad Dermatol*. 2010 Jan;62(1):38-44. PMID: 19896750.
5. Bingham JL, **Brown MR**, Mellette JR. Reducing the coefficient of friction for fast-absorbing gut suture. *Dermatologic Surg*. 2009 Dec;35(12):2004. PMID: 19732106.
6. Prado R, Funke A, Bingham J, **Brown MR**, Mellette JR. Treatment of severe rhinophyma using scalpel excision and wire loop tip electrosurgery. *Dermatologic Surg*. 2013 May;39(5):807-10. PMID: 23560892.
7. Lambert Smith F, Wisell, J. **Brown MR**. Advanced acral melanoma**.***JAAD Case Rep*. 2015 May;1(3):166–168. PMID: 27051719
8. Moennich J, Ort R, High W, **Brown MR.** Breast carcinoma masquerading as basal cell carcinoma of the nipple. *JAAD Case Rep*. 2015 Oct 2;1(6):361-3. PMID: 27051781.
9. Benoit A, Wisell J, **Brown MR**. Cutaneous spindle cell carcinoma misdiagnosed as atypical fibroxanthoma based on immunohistochemical stains. *JAAD Case Rep*. 2015 Nov 2;1(6):392-4. PMID: 27051790.
10. Gamba C, Lambert Smith F, Wisell J, **Brown MR**. Tattoo reactions in an HIV patient: Autoeczematization and progressive allergic reaction to red ink after antiretroviral therapy initiation. *JAAD Case Rep*. 2015 Nov 2;1(6):395-8. PMID: 27051791.
11. Chen DL, Carlson EO, Fathi R, **Brown MR**. Undermining and hemostasis. *Dermatologic Surg*. 2015 Oct;41 Suppl 10:S201-15. PMID: 26418686.
12. Fathi R, Serota M, **Brown MR.** Identifying and managing local anesthetic allergy in dermatologic surgery. *Dermatologic Surg*. 2016 Feb;42(2):147-56. PMID: 26783690.
13. Benoit A, Aycock J, Milam D, **Brown MR**. Dermatofibrosarcoma protruberans of the forehead with extensive subclinical spread. *Dermatologic Surg*. 2016 Feb;42(2):261-4. PMID: 26808183.
14. Fathi R, Alkousakis T, **Brown MR**. Plaque-like atypical fibroxanthoma, a rare invasive variant**.** *Dermatologic Surg*. 2017 Jan;43(1):138-139. PMID: 27399943.
15. Miller M, **Brown MR**. Reconstructive conundrum: Reconstruction of a full thickness nasal defect. *Dermatologic Surg*. 2016 July 25. Epub ahead of print. PMID: 27465253.
16. Ricci D, Miller M, **Brown MR**. Second intention healing for large surgical defects of the foot. *Dermatologic Surg*. 2017 Apr;43(4):592-595. PMID: 27673487
17. Ricci D, **Brown MR**. Reconstructive conundrum: Large surgical defect of the superior ear. *Dermatologic Surg*. 2017 May;43 Suppl 1:S115-S118. PMID: 27673486.
18. Waldman A, Arndt K, Avram M, **Brown MR**, Coleman K, Dover J, Fabi S, Friedmann D, Geronemus R, Goldberg D, Goldman M, Green J, Ibrahimi O, Jones D, Kilmer S, McDaniel D, Obagi S, Ortiz A, Rohrer T, Taylor M, Torres A, Weinkle S, Weiss M, Weiss E, Weiss R, Poon E, Alam M. ASDS Cosmetic Dermatology Fellowship Milestones. *Dermatologic Surg*. 2016 Oct;42(10):1164-73. PMID: 27661429
19. Axibal E, Terella A, Ricci D, **Brown MR**. Spinal accessory nerve neuropraxia after Mohs micrographic surgery. *Dermatologic Surg*. 2017 Sep;43(9):1192-1195. PMID: 28538032.
20. Danhof R, Lewis K, **Brown M**. Small Molecule Inhibitors of the Hedgehog Pathway in the Treatment of Basal Cell Carcinoma of the Skin. Am J Clin Dermatol. 2017 Sep 8. Epub ahead of print. PMID: 28887802.
21. Olander J, Wong M, **Brown M**. Use of a Single Anatomic Donor Site for Harvesting a Full-Thickness Skin Graft and a Free Cartilage Graft for Nasal Defects. Dermatol Surg. 2017 Oct 19. Epub ahead of Print. PMID: 29053533.
22. Sokoya M, **Brown M**, Terella A. A Large Surgical Defect of the Central Forehead.

Dermatol Surg. 2018 Jan 29. [Epub ahead of print] PubMed PMID: 29381547.

1. Olander J, Miller M, **Brown M**. Use of Sterile Urine Cups as Sharps Containers During Mohs Stages. J Am Acad Dermatol. 2018 Feb 3. pii: S0190-9622(18)30173-7. PMID: 29408554.
2. Mirhossaini RB, Cameron MC, Fathi R, **Brown M**. Utilization Patterns of Fellowship-Trained Mohs Surgeons in the Treatment of Merkel Cell Carcinoma. Dermatol Surg. 2018 Aug 24. PMID: 30148734.
3. Guidry J, **Brown M**, Medina T. PD-1 inhibitor induced alopecia areata. Dermatol Online J. 2018 Dec 15;24(12). PMID: 30677804.
4. Wong E, Axibal E, **Brown M**. Mohs Micrographic Surgery. Facial Plast Surg Clin North Am. 2019 Feb;27(1):15-34. PMID: 30420068.
5. Axibal E**, Brown M**. Surgical Dressings and Novel Skin Substitutes. Dermatol Clin. 2019 Jul;37(3):349-366. PMID: 31084729.

Book chapters and non-peer reviewed articles

1. **Non-peer reviewed article**: **Ruth MC**. Surveying the protein complement of human cell membranes by shotgun proteomics. Abstract. *Yale Journal of Biology and Medicine*. 2005 Mar;(78):126.
2. **Book chapter**: **Brown MR**, Scleve M. “Common Cutaneous Malignancies.” In: Fitzpatrick J and Morelli J (Eds). Dermatology Secrets Plus 4e. Philadelphia: Elsevier. 2010:312-318.
3. **Book chapter**: **Brown MR**, Schleve M. “Cryosurgery.” In: Fitzpatrick J and Morelli J (Eds). Dermatology Secrets Plus 4e. Philadelphia: Elsevier. 2010:371-373.
4. **Book chapter**: **Brown MR**, Mellette JR. “Mohs Surgery.” In: Fitzpatrick J and Morelli J (Eds). Dermatology Secrets Plus 4e. Philadelphia: Elsevier. 2010:374-377.
5. **Book chapter**: **Brown MR**, Ansel JC, Armstrong CA. “Immunobiology and Immune-Based Therapies of Melanoma.” In: Gaspari A and Tyring S (Eds). Clinical and Basic Immunodermatology. New York: Springer. 2008:245-262.
6. **Book chapter**:Lambert Smith F, **Brown MR**. “Skin Cancer.” In: Ramakrishnan V (Ed). ENT Secrets. Philadelphia: Elsevier. 2015:69-80.
7. **Book chapter**: Ricci, D, **Brown MR**. “Mohs Surgery.” In: Fitzpatrick J and Morelli J (Eds). Dermatology Secrets Plus 5e. Philadelphia: Elsevier. 2016:465-468.
8. **Book chapter**:Ricci, D, **Brown MR**. “Common Cutaneous Malignancies.” In: Fitzpatrick J and Morelli J (Eds). Dermatology Secrets Plus 5e. Philadelphia: Elsevier. 2016:389-397.
9. **Book chapter**: **Brown MR**. “Cryosurgery.” In: Fitzpatrick J and Morelli J (Eds). Dermatology Secrets Plus 5e. Elsevier. 2016:462-464.
10. **Book chapter**:Chen D, Ansel JC, Armstrong CA, **Brown MR**. “Immunobiology and Immune-Based Therapies of Melanoma.” In: Gaspari A and Tyring S (Eds). Clinical and Basic Immunodermatology. New York: Springer. 2017:871-890.
11. **Book chapter**: Axibal E**,** Fathi R, **Brown MR**. “Managing Surgical Complications.” In: Kantor J (Ed). Dermatologic Surgery. New York: McGraw-Hill. 2018: 512-523.
12. **Book chapter:** Axibal E, **Brown MR**. “Squamous cell carcinoma” In: Hanlon A (Ed). A Practical Guide to Skin Cancer. New York: Springer. 2018:69-97.
13. **Book chapter:** Cameron M, **Brown MR**. “Advancement Flaps.” In: Alam M (Ed). Evidence Based Procedural Dermatology. New York: Springer. 2019: 33-45.
14. **Book chapter:** Florek A, Axibal E, **Brown M**. “Essential Instruments.” In: Dover J, Mariwalla K (Eds). The Business of Dermatology. India: Thieme. *In press.*

Other

1. **Contributor**, Best Practices in the Administration of Academic Dermatologic Surgery Services, American Society of Dermatologic Surgery.
2. Online Voice-Over-Power Point lectures, Dermatologic Surgery Fundamentals Series
   1. Lambert Smith F, Rotunda A, **Brown MR**. “Complications in Dermatologic Surgery.” American Society for Dermatologic Surgery: Dermatologic Surgery Fundamentals online lecture series. Published 2015.
   2. Lambert Smith F, Rotunda A, **Brown MR**. “Grafts Part 1.” American Society for Dermatologic Surgery: Dermatologic Surgery Fundamentals online lecture series. Published 2015.
   3. Lambert Smith F, Rotunda A, **Brown MR**. “Grafts Part 2.” American Society for Dermatologic Surgery: Dermatologic Surgery Fundamentals online lecture series. Published 2015.
   4. Chen D, Rotunda A, **Brown MR**. “Interpolation Flaps.” American Society for Dermatologic Surgery: Dermatologic Surgery Fundamentals online lecture series. Published 2016.
3. **Brown MR**, Brice S. Erythrasma. In: UpToDate, Basow DS (Ed), UpToDate, Waltham, MA. 2009-2015.

Scientific abstracts: Competitive

1. **Ruth** **MC**,Xu Y, Norris DA, Ahn NG, Shellman YG. Over-expressing RhoC promotes melanoma invasion through activating PI3K/Akt pathway. Poster Session: 2004 International Melanoma Research Conference. Phoenix, AZ.
2. **Brown MR**, Nichols GR, Mellette JR, Robinson WA. Treatment of advanced squamous cell carcinoma of the skin with capecitabine. Oral Abstract: 2008 American College of Mohs Surgery Annual Meeting. Vancouver, BC.
3. **Brown MR**, Pacheco T, Gallager, C, High WA. The clinical and histologic presentation of periocular granulomas due to poly-L-lactic acid injection. Poster Session: 2009 American Society for Dermatology Surgery Annual Meeting. Orlando, FL.
4. Prado R**, Brown MR,** Mellette JR, Robison WA**.** Management of advanced cutaneous squamous cell carcinoma: A case study. Poster Session: 2010 American College of Mohs Surgery Annual Meeting. New York, NY.
5. Prado R, Funke A, Mellette JR, **Brown MR**. Locally aggressive atypical fibroxanthoma – A case series. Poster Session: 2011 American College of Mohs Surgery Annual Meeting. Las Vegas, NV.
6. Ellis LZ, Miller M, Prado R, **Brown, MR**, Mellette JR. Repair of lower eyelid defects with upper eyelid full thickness skin grafts. Poster Session: 2012 American College of Mohs Surgery Annual Meeting. Chicago, IL.
7. Chen DL, Gonzalez R, Wisell J, **Brown MR**. Histologic findings on Mohs frozen sections: Granulomatous inflammation in a patient undergoing BRAF/MEK inhibition therapy. Poster Session: 2014 American College of Mohs Surgery Annual Meeting. Phoenix, AZ.
8. Bassis, A, Mellette, JR, **Brown MR**. Characteristics of large basal cell carcinomas removed with Mohs micrographic surgery: A 10-year experience. Poster Session: 2014 American College of Mohs Surgery Annual Meeting. Phoenix, AZ.
9. Behan J, Ricci D, Wisell J, **Brown MR**. Koebnerizing squamous cell carcinoma. Poster Session: 2015 American College of Mohs Surgery Annual Meeting. San Antonio, TX.
10. Fathi R, Ricci D, Alkousakis T, Wisell J, **Brown MR**. Plaque-like atypical fibroxanthoma, a rare invasive variant. Poster Session: 2015 American College of Mohs Surgery Annual Meeting. San Antonio, TX.
11. Wong M, **Brown MR**. A single surgical donor site for harvesting a full thickness skin graft and cartilage graft. Oral Abstract: 2016 American College for Mohs Surgery Annual Meeting. Orlando, FL.
12. Chen D, **Brown MR**. The limits of staged surgical excision. Oral Abstract: 2016: American College for Mohs Surgery Annual Meeting. Orlando, FL.
13. Fathi R, Liu A, Bassis A, **Brown MR.** Treatment of Pediatric Keloids with Adjuvant Radiotherapy. Published Abstract: 2016 American Society for Dermatologic Surgery Annual Meeting. New Orleans, LA.

Scientific abstracts: Non-competitive

1. **Ruth MC,** Resing KA, Norris DA, Pawelek J, Ahn NG. Methods development for melanoma membrane protein analysis by shotgun proteomics. Poster Session: 2004 Yale University Student Research Day. New Haven, CT.
2. **Ruth MC,** Resing KA, Ahn NG. Surveying the protein complement of human cell membranes by shotgun proteomics. Poster Session: 2005 Yale University Student Research Day. New Haven, CT.
3. **Brown MR.** An 18-year-old woman with red plaques on the face. Resident Presentations: 2007 Colorado Dermatologic Society Annual Meeting. Vail, CO.
4. **Brown MR.** A non-healing erosion on the breast of a 47-year-old woman.Resident Presentations: 2008 Colorado Dermatologic Society Annual Meeting. Denver, CO.
5. Prado R, Funke A, **Brown MR**, Mellette JR. Treatment of severe rhinophyma using scalpel excision and wire loop tip electrosurgery. Poster Session: 2010 Colorado Dermatologic Society Annual Meeting. Denver, CO.
6. Prado R, Funke A, **Brown MR**, Mellette JR, Robinson WA. Sweat gland carcinoma of the scalp mimicking metastatic breast cancer. Poster Session: 2010 Colorado Dermatologic Society Annual Meeting. Denver, CO.
7. Prado R, Funke A, **Brown MR**, Mellette JR, Robinson WA. Management of advanced cutaneous squamous cell carcinoma: A case study. Poster Session: 2010 Colorado Dermatologic Society Annual Meeting. Denver, CO.