CURRICULUM VITAE
JULIANNE ANDERSON MANN, M.D.
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CAREER:

- Assistant Professor, Division of Dermatology, Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire 03756 (October 2014-present).
- Fellowship Director, Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire 03756 (November 2017-present).

- Assistant Professor of Pediatrics and Dermatology, Oregon Health and Science University, Portland, Oregon (July 2012-August 2014).
    - Faculty, multidisciplinary Hemangioma and Vascular Birthmarks clinic team, Doernbecher children's hospital
    - Spearheaded multidisciplinary committee which led to the approval and use of inhaled nitrous oxide for anxiolysis during clinic-based pediatric dermatologic procedures

EDUCATION

Fellowship	Oregon Health & Science University (2011-2012) Pediatric Dermatology
Residency	Oregon Health & Science University (2008 – 2011) Dermatology Chief Resident, 2010-2011
Internship	New York University (2007-2008) Pediatrics
Doctor of Medicine	Dartmouth Medical School (2002-2007) Dean's medal
Bachelor of Arts	Williams College (2000) Psychology, Magna Cum Laude
	Lexington High School, Lexington, Massachusetts (1996)

BOARD CERTIFICATIONS

Pediatric Dermatology, American Board of Dermatology (2012)

Dermatology, American Board of Dermatology (2011)

LICENSES

New Hampshire unlimited license, Active (issued 7/2/14, expires 6/30/18)

Pediatric Advanced Life Support (PALS) certified (Feb 2017- Feb 2019)

Basic Life Support for health care providers (certified January 2015)

MEMBERSHIP

- Society for Pediatric Dermatology
- Pediatric Dermatology Research Alliance
- American Academy of Dermatology
- New Hampshire Dermatologic Society
- New England Dermatologic Society
- CHaD pediatric surgery committee

REVIEWER ACTIVITIES

Pediatric Dermatology (2013-present)

Journal of the American Academy of Dermatology (2014-present)

International Immunopharmacoloty (2017-present)

SCHOLARSHIP:

Peer-Reviewed Publications and Abstracts

- Call JE, **Mann JA**, Linos KD, Perry A, Yost J. Linear Lipoatrophy following Intra-articular Triamcinolone Acetonide Injection Mimicking Linear Scleroderma. Pediatric Dermatology Jan 2019.
- **Mann JA**, Fraser J. Recurrent oral blistering in an adolescent female. Pediatric Dermatology (accepted)
- Shaker M, Murray RGP, **Mann JA**. The ins and outs of an "outside-in" view of allergies: atopic dermatitis and allergy prevention. Curr Opin Pediatr. 2018 Aug; 30(4): 576-581.
- Park AJ, **Mann JA**. Twelve-year-old boy with multiple waffle-like purpuric patches. Pediatr Dermatol 2018 May; 35(3): 4-6-407.
- Miller PK, Zain-ul-Abideen M, Paul J, Perry AE, Linos K, Carter JB, Kurtzberg J, **Mann JA**. A case of "Eczema coxsackium" with erythema multiforme-like histolopathology in a 14 year old boy with

chronic graft versus host disease. Accepted for publication in the Journal of the American Academy of Dermatology Case Reports, November 2016.

- Steen AJ, **Mann JA**, Carlberg VM, Kimball AB, Musty MJ, Simpson EL. Understanding the cost of dermatologic care: A survey study of dermatology providers, residents, and patients. Journal of the American Academy of Dermatology 2017 Apr; 76(4): 609-17.

- Yarbrough KB, Tollefson MM, Krol AL, Leitenberger SL, **Mann JA**, MacArthur CJ. Is Routine Electrocardiography Necessary Before Initiation of Propranolol for Infantile Hemangiomas? Pediatr Dermatol. 2016 Nov; 33(6): 615-620

- Wilson NJ, Cole C, Kroboth K, Hunter WN, **Mann JA**, McLEan WHI, Lang KK, Beltraminelli H, Sabroe RA, Riffin N, Sobey GJ, Borradori L, Simpson ES, Smith FJD. Mutations in POGLUT1 in Galli-Galli/Dowling Degos-Disease. British Journal of Dermatology 2016 Aug 1.

- Steen AJ, Shin JH, Pace NC, Edgar M, Clay MR, Linos K, Barton DT, **Mann JA**. Bullous kaposiform hemangioendothelioma masquerading as aplasia cutis congenita. Pediatric Dermatology. 2016 September; 33(5); e267-9.

- Miraflor AP, Davallow Ghajar L, Subramaniam S, de Abreu FB, Castanedo-Tardan MP, Samie FH, **Mann JA**, Holmes AV, Tsongalis GJ, Yan S. Rat-bite fever: An uncommon cause of fever and rash in a 9-year-old patient. JAAD Case Rep. 2015 Oct 24;1(6):371-4.

- **Mann JA**. Update on pediatric dermatologic surgery from tots to teens. Current Opinion in Pediatrics 2014 Aug; 26(4): 452-9.

- Olson J, **Mann JA**, White K, Cartwright VW, Bauer J, Nolt D. Multicentric reticulohistiocytosis – the youngest case report. Pediatric Dermatology Pediatr Dermatol. 2015 May-Jun;32(3):e70-3.

- Carlberg V, Lofgren S, **Mann JA,** Austin J, Nolt D, Davila-Saldana B, Shereck E, Krol AK, Zonana J. Hypohidrotic ectodermal dysplasia, lymphedema and immunodeficiency (OL-HED-ID) in an infant with multiple opportunistic infections. Pediatric Dermatology 2014 Nov-Dec;31(6):716-21.
- **Mann JA,** Carlberg VM, Kimball AB, Storrs FJ, Blauvelt A, Simpson EL. Do we know the cost of dermatologic specialty care? A survey of dermatologic providers, residents, and patients. Journal of Investigative Dermatology 2012 May; 132 (Supplement 1s): S38-S.
- **Mann JA***, Siegel DH* (co-first authors), Krol AL, Rauen KA. Dermatological phenotype in Costello syndrome: consequences of Ras dysregulation in development. Br J Dermatol. 2012. Mar 166(3): 601-7
- Lofgren S, **Mann J**, White C, Krol A. Juvenile dermatomyositis presenting as an acquired inflammatory Blaschko-linear dermatosis. J. Am Acad Dermatol. 2011 Oct; 65(4).
- Lee JJ, **Mann JA**, Blauvelt A. Papillary thyroid carcinoma in a patient with severe psoriasis receiving adalimumab. J Am Acad Dermatol. 2011 May; 64(5):999-1000.
- **Mann JA**, Siegel D. Common Genodermatoses: What the pediatrician needs to know. Pediatr Ann, 2009 Feb; 38(2): 91-8.
- **Mann JA,** Krol AL, Siegel D, Zimerson E, Bruze M, Storrs F. Allergic contact dermatitis to epoxy monomers in "tagless" clothing labels: a report of 3 cases confirmed by gas chromatography and

patch testing. Status: manuscript complete, preparing for submission to the Journal of the American Academy of Dermatology.

Chapters

- **Mann JA,** Bellet JS. Surgical Therapy Principles in Children. Harper's Textbook of Pediatric Dermatology, 4th Edition (Wiley Publishing), edited by Peter Hoeger, Albert Yan, Veronica Kinsler, John Harper. In press (2017).
- **Mann JA**, Lofgren SL, Krol AL. Systemic Management of Pediatric Mastocytosis. In Severe Skin Disease in Children: Beyond Topical therapy (2014).

Electronic publications

- **Mann JA**, Elpern DJ. Brachioradial pruritus. Emedicine, originally published April 2008, updated Aug 2016. http://www.emedicine.com/derm/topic1355312.html.
- **Mann JA**. Erythema Annulare Centrifugum in a 61 year-old breast cancer survivor. Virtual Grand Rounds in Dermatology; Sept 2006. Available at http://www.vgrd.org. .
- **Mann JA**. Doctoring Mentors. Cell To Soul, April 2007. Available at http://www.cell2soul.com

Non-Peer-Reviewed Publications

- **Mann JA**; Siegel D. Viewpoints: Childhood Sunburns. Metro Parent, June 2009, 30.

CONFERENCE PRESENTATIONS

- Development of an electronic decision aid for acne treatment: a pilot study. International Dermatology Outcome Measures annual meeting. May 2019.
- Immune-related adverse events: a new great mimicker? A case of prurigo nodularis-like bullous pemphigoid due to anti-CTLA-1 and anti-PD-1 inhibitors responding to rituximab. American Academy of Dermatology annual meeting. February 2019.
- Post-Scabetic Nodules Mimicking Indeterminate Cell Histiocytosis. American Society of Dermatopathology annual meeting. November 2018
- Cutaneous mucinosis of infancy; report of a rare case and review of the literature American Society of Dermatopathology annual meeting. November 2018
- Development and piloting of an electronic decision making aid for acne vulgaris. Pediatric Dermatology Research Alliance annual meeting. October 2018
- Development of a novel clinic-based app for shared decision making in the management of acne vulgaris. Pediatric Dermatology Research alliance annual meeting. October 2018
- Cutaneous manifestations of enteroviral infection in children. New England Dermatologic Society. April 30, 2016.

- Beta blocker therapy for infantile hemangiomas:what the pediatrician needs to know. 26th Annual Dartmouth Pediatrics Conference. Mt. Washington resort. March 5, 2016.
- Pediatric Dermatologic Emergencies. 26th Annual Dartmouth Pediatrics Conference. Mt. Washington resort. March 5, 2016.
- **CHaD Pediatric Dermatology Minifellowship director**: organized and delivered 4 one hour invited lectures at Children's Hospital at Dartmouth-Hitchcock Pediatrics Grand Rounds
    - Beta blocker therapy for infantile hemangiomas:what the pediatrician needs to know. January 20, 2016
    - Infections and infestations March 16, 2016
    - Pediatric acne management: what's new? April 10, 2016
    - Hot topics in pediatric dermatology May 18, 2016
- All That Hives is not Urticaria: Diffuse Cutaneous Mastocytosis in an infant. Gross and microscopic presentation at the American Academy of Dermatology, March 2016 [presented by resident Dr. Lindsey Collins].
- When Bread and Butter is Actually Toast and Jam. New Hampshire Dermatologic Society Spring meeting. Concord, New Hampshire (April 23, 2015).
- Congenital Fibrosarcoma Mimicking a Vascular Tumor. 20th annual International Society for the Study of Vascular Anomalies conference, Melbourne, Australia (April 2014).
- Is Routine ECG Necessary Prior to Initiation of Propranolol for Treatment of Infantile Hemangiomas? 20th annual International Society for the Study of Vascular Anomalies conference, Melbourne, Australia (April 2014). [presented by fellow Dr. Kevin Yarbrough].
- Pediatric nail conditions from infections to syndromes. 1st Annual North American Nail Surgery Course, Portland, Oregon (September 2013)
- Performing procedures in the pediatric population: tips and tricks from tots to teens. 1st Annual North American Nail Surgery Course, Portland Oregon (September 2013)
- Lumps and bumps in pediatric dermatology. 8th Annual Pediatric Review and Update, Portland Oregon (May 2013).
- Infections and infestations in pediatric dermatology. 9th Annual Dermatology for Primary Care Update, Portland, Oregon (September 2012).
- Allergic contact dermatitis to epoxy monomers in "tagless" clothing labels: A report of 3 cases confirmed by confirmed by gas chromatography and patch testing. Junior faculty and fellows research forum, 38th annual Society for Pediatric Dermatology Meeting, Monterey, CA (July 2012).
- Metastatic Crohn's disease masquerading as pyoderma gangrenosum. Sam Weinberg's cases of the year, 38th annual Society for Pediatric Dermatology Meeting, Monterey, CA (July 2012).
- Hypohidrotic ectodermal dysplasia, osteopetrosis, lymphedema, and immunodeficiency (OL-HED-ID) in an infant with multiple opportunistic infections. Sam Weinberg's cases of the year, 38th annual Society for Pediatric Dermatology Meeting, Monterey, CA (July 2012).
- Do we know the cost of dermatologic specialty care? A survey of dermatology providers, residents, and patients. Poster presentation at the Society for Investigative Dermatology, Raleigh NC (May 2012).
- Vesiculobullous photolocalized Parvovirus B19 infection. Society for Pediatric Dermatology Pre-AAD meeting, San Diego, California (March 2012).

- Neonatal dermatology. 8th Annual Dermatology for Primary Care Providers, Portland, Oregon (September 2011).
- Medications: Do dermatologists know how much they cost, and are the latest and greatest truly better? Second Annual Fran Storrs Lectureship (November 2010).
- A 45 year-old Guatemalan male with a scalp mass. Hot Spots in Dermatology, Kauai, Hawaii (August 2010).
- A 49 year-old female with an erosive dermatitis and mouth ulcers. Hot Spots in Dermatology, Kauai, Hawaii (August 2010).
- Diffuse lymphangiectasia in a 14-year-old girl. Cases in Search of Therapy, Society for Pediatric Dermatology Annual meeting, Portland, Oregon (July 2010).
- Dermatologic findings in Costello Syndrome. Poster presentation, Society for Pediatric Dermatology Annual meeting, Portland, Oregon (July 2010).
- Diffuse Reticulated Telangiectasias in Two School-aged Girls. International Society for the Study of Vascular Anomalies (ISSVA) Bi-annual meeting, Montreal, Canada (April 2010).
- Pneumocystis Pneumonia in Two Patients Treated with Corticosteroids for Hemangiomas. International Society for the Study of Vascular Anomalies (ISSVA) Bi-annual meeting, Montreal, Canada (April 2010).
- A 45 year-old Guatemalan male with a scalp mass. American Academy of Dermatology Annual Meeting, Gross and Microscopic presentation, Miami, Florida (March 2010).
- Blaschkolinear Dermatomyositis in a 14 year-old boy.Society for Pediatric Dermatology, Pre-AAD meeting resident case presentation, Miami, Florida (March 2010).
- Folliculosebaceous Cystic Hamartoma in a 55-year-old Mexican Male. Pacific Dermatologic Association, Clinicopathologic Correlation, Portland, Oregon (August 2009).
- Dowling-Degos with Acantholysis: A Rare Case of Galli-Galli Disease. Pacific Dermatologic Association, Resident Case Presentation, Portland, Oregon (August 2009).
- Kikuchi-Fujimoto Disease in a Teenage Girl. Society for Pediatric Dermatology Annual Meeting resident Case Presentation , Philadelphia, Pennsylvania (July 2009).
- Extraskeletal Myxoid Chondrosarcoma in a 45-year-old Guatemalan Male. Oregon Dermatologic Society meeting, Portland, Oregon (April 2009).
- Monocular blindness after embolization for posterior epistaxis: anomalous origin of the ophthalmic artery. Poster presentation, Academy of Otolaryngology-Head and Neck Surgery, Toronto (September 2006).

INVITED LECTURES

- Update on vascular birthmarks: what the general dermatologist needs to know. University of Vermont Winter Dermatology conference. February 2019.

- Kids aren't just little adults: how common dermatoses present differently in the pediatric population. University of Vermont Winter Dermatology conference. February 2019.

- Infantile hemangiomas. Lecture to Dartmouth-Hitchcock pediatric residents. September 2018.
- Acne management. Lecture to Dartmouth-Hitchcock pediatric residents. April 2018.
- Neonatal Dermatology Potpourri. Lecture to Dartmouth-Hitchcock Division of Neonatology. November 9, 2016.
- What's New in Pediatric Acne? Brattleboro Regional Hospital, November 7, 2016.
- Update on Pediatric Acne Management. Southwest Vermont Medical Center, September 28, 2016.
- Pediatric kodachromes. Lecture to Dartmouth-Hitchcock dermatology residents. August 16, 2016
- Pediatric kodachromes. Lecture to Dartmouth-Hitchcock dermatology residents. April 27, 2016.
- Dermatologic Clues to the Diagnosis of Common Genetic Diseases in Children. Valley Regional Medical Center. October 13, 2015.
- Atopic dermatitis update. Lecture to Dartmouth-Hitchcock dermatology residents. August 26, 2016.
- Management of infantile hemangioma. Lecture to Dartmouth-Hitchcock otolaryngology residents. August 26, 2016.
- How do I care for my newborn's skin? Lecture to new mothers at the Dartmouth-Hitchcock Women's Health Resource Center (April 2, 2015).
- Lumps and bumps and rashes, oh my! Pediatric dermatology pearls for primary care providers. Dartmouth-Hitchcock Nashua grand rounds (January 13, 2015).
- Lumps and bumps and rashes, oh my! Pediatric dermatology pearls for primary care providers. Concord hospital pediatrics grand rounds (January 13, 2015).
- Hemangioma update. Dartmouth-Hitchcock general academic pediatrics noon conference (December 23, 2014).
- Update on acne and eczema. Noon conference, White River Family Practice (December 16, 2014).
- Pediatric Dermatology Pearls From Portland. Dermatology Grand Rounds, Dartmouth-Hitchcock medical center. Lecture to medical students, residents, and faculty (September 19, 2014).
- Dermatologic manifestations of inflammatory bowel disease in children. Pediatrics Grand Rounds, Doernbecher children's hospital. Lecture to OHSU pediatrics medical students, residents, and faculty (July 24, 2014).
- Pediatric dermatology kodachromes. Lecture to OHSU dermatology residents (May 30, 2014).
- Pediatric dermatology kodachromes. Lecture to OHSU dermatology residents (May 4, 2014).
- Pediatric dermatology kodachromes. Lecture to OHSU dermatology residents (May 15, 2013)
- Introduction to neonatal dermatology. Lecture to OHSU medical student class of 2015 (March 19, 2014)
- Vesiculobullous diseases in children. Lecture to OHSU dermatology residents and medical students (October 18, 2013).
- Pediatric nail disorders. First annual international nail surgery symposium, OHSU (September 4, 2013).
- Update on dermatoscopy. Lecture to OHSU dermatology residents and medical students (July 31, 2013).
- Introduction to neonatal dermatology. Lecture to OHSU medical student class of 2014 (March 27, 2013).

- Pediatric Pigmentary Disorders: clues for the diagnosis of genodermatoses. Lecture to OHSU dermatology residents and medical students (February 13, 2013).
- Pediatric Bullous Diseases: pearls for diagnosis. Lecture to OHSU dermatology residents and medical students (January 30, 2013).
- Cord Blood Vitamin D Levels and Risk of Infantile Atopic Dermatitis. High impact journal club presentation to OHSU faculty, residents, and medical students (January 13, 2013).
- Pediatric dermatology virtual grand rounds with dermatology residents (October 17, 2012; November 21, 2012; January 18, 2013).
- Pediatric dermatology for the pediatric surgeon. Lecture to OHSU pediatric surgery residents, fellows, and faculty (December 19, 2012).
- Introduction to Dermatoscopy. Lecture to OHSU dermatology residents (August 29, 2012).
- Update on Hemangiomas and Atopic Dermatitis. Providence St. Vincent hospital Pediatric Grand Rounds (April 25, 2012).
- Dermatologic Manifestations of Neurofibromatosis I. Morning Report lecture to OHSU Pediatric residents (April 27, 2012).
- Introduction to Pediatric Dermatology. Lecture to OHSU 3rd year medical students (March 30, 2012; February 3, 2012; January 23, 2012; October 21, 2011; September 16, 2011; August 12, 2011).
- Coxsackievirus infection in a 16 year old male. Morning Report lecture to OHSU pediatric residents (March 23, 2012).
- Pediatric Connective Tissue Diseases. Lecture to OHSU dermatology residents (February 22, 2012).
- Pediatric Bullous Diseases. Lecture to OHSU dermatology residents (February 1, 2012).
- Pigmentary Alteration Disorders. Lecture to OHSU dermatology residents (January 25, 2012).
- Congenital Klippel – Trenaunay syndrome. Morning Report lecture to OHSU pediatric residents (January 11, 2012).
- Staphylococcal scalded skin syndrome. Morning Report lecture to OHSU pediatric residents (October 28, 2011).
- Introduction to Dermatoscopy. Lecture to OHSU dermatology residents (October 26, 2011).
- Pediatric Pityriasis Rubra Pilaris. Morning report lecture to OHSU pediatric resident (September 30, 2011).
- Common Pediatric Dermatoses. Physician assistant student lecture (September 15, 2011).
- Dermatologic Manifestations of Parvovirus B19 infection. Morning Report Lecture to OHSU pediatric residents (August 26, 2011).
- Designing a Survey Study. Lecture to OHSU Dermatology Residents (August 10, 2011).
- Dermatoscopy: An overview and presentation of the Chaos and Clues method. Portland dermatology clinic (March 15, 2011).
- Introduction to Dermatoscopy. Lecture to OHSU department of dermatology (October 25, 2010).
- Introduction to Pediatric Dermatology. OHSU physician assistant dermatology lecture series (September 2010).
- Common Dermatoses. Monthly one-hour lecture to OHSU third and fourth year medical students (July-August 2010).

- Pediatric Melanoma Update. Oregon Health and Science University, resident Lecture Series (November 2009).
- Adnexal Neoplasms and the CYLD Gene: The Crux of Understanding the Role of NF-kB in Carcinogenesis. Translational Topics in Dermatology, Oregon Health and Science University (September 2009).
- Human Antimicrobial Peptides in Skin Disease. Translational Topics in Dermatology, Oregon Health and Science University (May 2009).
- Cutaneous Vasculitis, Oregon Health and Science University, resident Lecture Series (January 2009).
- Fibroblast Cell Therapy for Recessive Dystrophic Epidermolysis Bullosa. Oregon Health and Science University, Basic Science Journal Club (October 2008).
- Differential Diagnosis of Annular Skin Eruptions. Boston Medical Center, Department of dermatology (September 2006).
- Hemodynamic Monitoring in the ICU. Deenenath Mangeshkar Hospital, Pune, India (November 2005).

MENTORING

- Organize and facilitate a quarterly pediatric dermatology journal club for Dartmouth-Hitchcock dermatology residents
- Currently mentoring Dr. Lindsey Fraser, 1st year dermatology resident. Meet bi-monthly for 1 hour mentoring sessions.
- Currently mentoring Dr. Mackenzie Asel, 3rd year dermatology resident. Meet bi-monthly for 1 hour mentoring sessions.
- Work with 8 pediatrics residents per year in clinic.
- Mentored Aaron Steen, who is currently completing his internal medicine preliminary year at Dartmouth-Hitchcock, and will begin his dermatology residency training at University of California San Francisco in July 2017.
- While at OHSU, I saw patients with dermatology and pediatrics residents 5 half days a week (August 2012-August 2014).
- Mentored Dr. Gina Brown, pediatric dermatology fellow. Precepted fellow continuity clinic (August 2012-June 2013).
- Mentored Valerie Carlberg, MS IV, for 4 years: Valerie has a particular interest in pediatric dermatology. We co-authored publications and worked together on a survey study culminating in a presentation at the 2013 annual Society for Investigative Dermatology. I met monthly with Valerie in 2012-2013 and provided career advice and mentorship. Valerie completed a preliminary year in Pediatrics at the Medical College of Wisconsin in 2013-2014, and is currently at Harvard for her dermatology residency, which she will complete in 2017.
- Mentored Laura Quinn, an undergraduate who is currently applying to medical school. She has been shadowing me for 4 half-days of clinic a month since September 2012.

AWARDS AND HONORS

- **Faculty teaching award (June 18, 2016).** Voted by Dartmouth-Hitchcock dermatology residents as best faculty teacher for the academic year 2015-2016.

- **Match day Honored Faculty Mentor**. Nominated by Valerie Carlberg, MS IV at Match day 2013 celebration hosted by OHSU Alumni affairs, Oregon Health and Science University, Portland, Oregon (February 2013).
- **Women's Dermatologic Society Mentorship Award recipient**. Selected to train in pediatric dermatologic surgery for 4 weeks with Dr. Annette Wagner at Northwestern University. Chicago, Illinois (December 2011).
- **Chief Resident, 2010-2011**. Selected by faculty members to serve as solo Chief Resident. Planned and coordinated residency lectures, created weekly resident clinic schedules, and served as liason between residents and faculty.
- **Best Resident Case Presentation**, Folliculosebaceous Cystic Hamartoma in a 55-year-old Mexican Male. 61st Pacific Dermatologic Society 61st Annual Meeting, Portland, Oregon (August 2009).
- **Dean's Medal**, Dartmouth Medical School. This award is given to the medical student in the graduating class with the best record of academic achievement (June 2007).
- **Alpha Omega Alpha Honor Society**, Dartmouth Medical School (elected February 2007).
- **North American Primary Care Research Group Primary Care Research Award** for outstanding primary care research performed by a medical student (June 2006).
- **Phi Beta Kappa Honor Society**, Williams College (June 2000).
- **Co-captain,** Varsity Field Hockey team, Williams College (August-November 1999).
- **Division III Academic All American for field hockey**, New England Small Colleges Association (November 1998 and 1999)

RESEARCH PROJECTS (ongoing)

- Allergic contact dermatitis to epoxy monomers in children's clothing "tagless labels".
- Visual atlas for parents whose children have infantile hemangioma
- Decision making aid for acne treatment

SERVICE/VOLUNTEER WORK

- Dermatopathology review committee
- Lecture to new moms at Dartmouth-Hitchcock Women's Health Resource Center (April 2, 2015 – see invited lectures)
- Program Associate Chair, 1st Annual North American Nail Surgery Course (September 2013 at OHSU).
- Team member, Hemangioma and Vascular Birthmarks multidisciplinary team, Oregon Health and Science University (physician team members from Radiology, Otolaryngology/Head and neck surgery, Plastic surgery, Dermatology).
- Interviewer (one of two faculty physicians) for front desk support staff positions, OHSU Department of Dermatology (January 2013-present).
- Board member, Fran Storrs Lectureship planning committee (January 2010-present).
- Member, Kingery library committee (June 2010-present).
- Member, OHSU Digital Photography Database committee (October 2011-present).

- Board member, Oregon Dermatologic Society (July 2009-April 2011).
- Resident Volunteer Coordinator, Wallace Medical Concern free dermatology clinic (April 2009-July 2010).
- Medical Student Volunteer, International Children's Heart Foundation, Pune, India (November 2005). Worked as member of a nine person pediatric cardiac surgery team to provide care to children with congenital heart disease.
- Team Captain, Dartmouth Medical School bike team, Prouty 100 mile Bike Race to benefit the Norris Cotton Cancer Society (July 2006). Recruited and organized Dartmouth medical students.
- Dartmouth/Tuck Work-life committee (December 2005-April 2006). Created a day-long symposium on balancing work and personal life that was attended by over 200 students and faculty.
- Dartmouth Medical School Arts and Humanities Committee (September 2003-June 2004).
- Dartmouth Medical School Course Evaluation Committee (August 2002-June 2003).
- Coordinator, "Dr. Mom", a symposium featuring panel of physicians at DHMC with a discussion of challenges of balancing medicine with being a parent (May 2003). The event was attended by over 60 first and second year DMS students and their partners.
- Pallotta Teamworks Fundraising AIDS bicycle ride, Alaska, August 2001. Rode 500 miles in 6 days from Fairbanks to Anchorage, Alaska to benefit HIV/AIDS research.
- Medical Student Volunteer, Good Neighbor Free Health Clinic, White River Junction, Vermont (2006).
- Volunteer, Leave No Trace Center for Outdoor Ethics, Boulder Colorado (September–December 2000, 20 hours/week). Designed and authored a guidebook for teaching principles of environmental respect to elementary and middle school students.
- Volunteer, Transitions, Pittsfield, MA (January-May 1999). Designed, implemented, and taught art and creative writing classes for young adults with schizophrenia and other forms of mental illness.

COURSES ATTENDED

- Society for Pediatric Dermatology pre-AAD meeting. Washington, District of Columbia (March 2019)
- 30th Annual Eastern Winter Dermatology Conference. Stowe, Vermont (February 2019)
- Pediatric Dermatology Research Alliance annual meeting. Aurora, Colorado (October 2018)
- Society for Pediatric Dermatology 43rd annual meeting. Tahoe, California (July 2018)
- 29th Annual Eastern Winter Dermatology Conference. Stowe, Vermont (February 2018)
- World congress of Pediatric Dermatology. Chicago, Illinois (July 2017)
- New Hampshire Dermatologic Society Fall Meeting: Concord, New Hampshire (October 2016)
- Massachusetts Academy of Dermatology Meeting: Wentworth By the Sea, New Hampshire (September 2016)
- Society for Pediatric Dermatology 42nd annual meeting: Minneapolis, Minnesota (July 2016)
- New England Dermatology Society: Lebanon, New Hampshire (April 2016)
- Society for Pediatric Dermatology 41st annual meeting: Boston, Massachusetts (July 2015).
- New Hampshire Dermatology Society Spring Meeting: Concord, New Hampshire: (April 2015)

- Society for Pediatric Dermatology 40th annual meeting: Coeur D'Alene, Idaho (July 2014).
- Society for Pediatric Dermatology 39th annual meeting: Milwaukee, Wisconsin (July 2013).
- Oregon Dermatology Society monthly meetings (July 2009-April 2014)
- The Art of Lecturing. Dr. Ben Hoffman, OHSU CME series. December 11, 2012 (3 hours)
- Society for Pediatric Dermatology 38th annual meeting: Monterey Bay, California (July 2012)
- Society for Pediatric Dermatology 24th Annual Pre-AAD meeting: San Diego, California (March 2012)
- Oregon Dermatologic Society Annual Meeting: Sun River, Oregon (August 2010)
- Hot Spots in Dermatology: Kauai, Hawaii (August 2010)
- International Society for the Study of Vascular Anomalies Bi-Annual Meeting: Montreal, Canada (April 2010)
- American Academy of Dermatology 36th Annual Meeting, Miami, Florida (March 2010)
- Society For Pediatric Dermatology 22nd Annual Pre-AAD Meeting: Miami, Florida (March 2010)
- Pacific Dermatologic Association 61st Annual Meeting: Portland, Oregon (August 2009)
- Disorders of the RAS/MAP Kinase Pathway: Berkeley Marina, California (July 2009)
- Oregon Dermatologic Society Annual Meeting: Sun River, Oregon (July 2009)
- Society for Pediatric Dermatology 35th Annual Meeting: Philadelphia, Pennsylvania (July 2009)
- Society For Pediatric Dermatology 21st Annual Pre-AAD Meeting: San Francisco, California (March 2009)
- American Academy of Dermatology 67th Annual Meeting: San Francisco, California (March 2009)
- Montagna Symposium: The Biologic Basis of Psoriasis: Salishan, Oregon (October 2008)
- Oregon Dermatologic Society Annual Meeting: Sun River, Oregon (July 2008)
- "Finding Health in Maine": the integration of acupuncture, yoga, meditation, herbal medicine, and homeopathy into allopathic medical practice (August 2003)

SELF-DIRECTED LEARNING

- Pediatric Dermatology Journal Club (quarterly at Dartmouth-Hitchcock as well as in Boston, Massachusetts with pediatric dermatologists at Mass General, Boston Children's, and UMass).
- Sybert's Genetic Skin disease (2015)
- Eichenfield's Neonatal Dermatology (2012-2013).
- Schachner's Pediatric Dermatology (July 2011-2012)
- Hurwitz Pediatric Dermatology (July 2012-June 2013)
- Independent review of AAD's image collection (2500 images)
- Completed all CME examinations in the Journal of the American Academy of Dermatology from 1999-2012.
- Text Review, Andrews' Diseases of the Skin (July 2008-June 2009)
- Wolverton's Drugs in Dermatology (January 2011)

- Spitz's Genodermatoses (July 2009-June 2010)
- Bolognia's Dermatology (June 2010-June 2011)
- In conjunction with Dr. Nisha Desai, created a 200 slide dermatopathology review set which has been used by subsequent residents for board review
- Computer Modules completed: Respect at the University, Responsible Conduct of Research, Human Subjects Research, FDA Regulated Products, RCR for all, RCR involving FDA regulated products, RCR involving human subjects, RCR involving rDNA and infectious agents, influenza education

PREVIOUS TEACHING EXPERIENCE

- **Assistant Instructor**, Dermatologic Surgery Techniques Workshop, 5th Annual Dermatology for Primary Care Conference. Portland, Oregon (September 2009).
- **Assistant instructor**, Cells, Tissues, and Organs (First Year Histology), Dartmouth Medical School (2006).
- **Assistant instructor**, Human Anatomy and Embryology, Dartmouth Medical School (2006).
- **Teacher**, Bridge School, Boulder Colorado (August 2000-June 2002). Taught French and Math to students in grades 6-11 and Introductory Psychology to students in grades 11-12.
- **Trip Leader**, Science Discovery, Colorado (June-August 2001, 2002): Led environmental education trips for teenagers.
- **Assistant Teacher,** Upward Bound, Colorado (June-August 2000): Taught chemistry to Native American high schoolers.
- **Trip Leader**, Overland Adventure Travel, Williamstown, MA (June-July 1999 and June-July 1998). Co-led backpacking and bicycling trips for teenagers in New England and California.
- **Wilderness Leader**, Adirondack Camp, Lake George, NY (June-August 1997). Planned, coordinated, and led backpacking and orienteering trips in the Adirondacks for students ages 12-15 years.

PERSONAL INTERESTS

- Spending time with my husband Britton and daughters Coraline and Eloise
- Trail running, hiking, Nordic skiing, biking, drawing, painting, crafting, cooking, photography
- Thirteen years of study of yoga asana and philosophy. Teachers include Richard Freeman (Colorado), Rodney Yee (California), and Usha Devi (India).
- Conversationally fluent in French

PERSONAL STATEMENT

Since completing my pediatric dermatology fellowship in 2012, I have sought to become a leader in the field of pediatric dermatology. I have a broad array of interests including pediatric dermatologic surgery, complex vascular birthmarks, genodermatoses, and the development of novel digital shared decision-making tools to improve patient satisfaction and physician efficiency.

Excellence in Clinical service/Innovation

I first developed an interest in patient-physician shared decision making during my residency at Oregon Health and Science University (OHSU), during which time I designed and implemented a survey study-assessing patient and physician attitudes towards the cost of dermatologic care in the Pacific Northwest. The results of the study – the first of its kind- were published in the Journal of the American Academy of Dermatology.

After completing my residency, I joined the faculty at Oregon Health and Science University and developed the first pediatric dermatologic surgery program at Doernbecher Children's Hospital. Working with my pediatric anesthesiology colleagues, I was able to bring conscious sedation using nitrous oxide for anxiolysis for the first time to the pediatric inpatient floor to improve the experience of minor dermatologic procedures among hospitalized pediatric patients. I also obtained approval to use nitrous oxide for anxiolysis in the outpatient pediatric dermatology clinic, which allowed me to expand the scope of surgical procedures performed under local anesthesia. I also staffed a large multidisciplinary vascular birthmarks clinic at OHSU, which sparked my interest in the diagnosis and management of complex vascular birthmarks.

Since joining the faculty at Dartmouth-Hitchcock, I have developed novel electronic shared decision making aids to optimize the patient experience while improving efficacy in my busy pediatric dermatology clinic. I recently developed an iPad-based electronic decision making app for patients with acne vulgaris. I piloted this technology in my pediatric dermatology clinics at Dartmouth-Hitchcock and designed an IRB-approved survey which was used to collect patient feedback. Results of this survey study were recently presented at the annual Pediatric Dermatology Research Alliance annual meeting in Aurora, Colorado. The app was very well received and I am in the process of implementing a larger scale study that will allow us to quantify the time saved in clinic using the app, as well as a larger sample size of patient and parent attitudes towards the decision aid.

Working with a medical student and a dermatology resident, I am in the process of creating a visual atlas for parents of infants with hemangiomas. This digital atlas, which will be the first of its kind, features photos of infants with hemangiomas over time and shows the responses of the hemangiomas to various interventions (watchful waiting, topical timolol, and oral propranolol) over the span of three years. This allows parents to visually appreciate how these treatments will affect the ultimate cosmetic outcome of their baby's hemangioma. I am in the process of developing a parental survey that will allow me to measure the impact that this visual atlas has on parental satisfaction with the visit, level of parental anxiety around the expected natural history of their child's birthmark, and level of parental confidence in the treatment choice made for their child. We will also measure the time saved in clinic from implementation of the atlas.

Education

Teaching is one of the most rewarding aspects of my career. The experience of being a middle school and high school teacher for two years before going to medical school has made me both a better

clinician and a better mentor to our residents. I derive great satisfaction from teaching our dermatology residents and enjoy the challenge of juggling resident education with the demands of a busy clinic. I try to always take a moment to share a clinical pearl between each patient, and at the end of the clinic I ask our residents to look one thing up from the day and report back to me the following morning. I was honored to be the recipient of the Dartmouth-Hitchcock Dermatology teaching award in 2016.

After arriving at Dartmouth-Hitchcock I worked to obtain approval and certification for a pediatric dermatology fellowship. We officially matched our first pediatric dermatology this past summer, and she will begin in July 2019. I am greatly looking forward to the experience of teaching and mentoring our fellow in the clinical setting as well as helping to facilitate the development of her clinical research career.

I also believe that an important part of my career should be devoted to the education of general pediatricians. I lecture regularly to the Dartmouth-Hitchcock pediatric residents and faculty, and have a pediatric resident with me almost at all times in the dermatology clinic. I developed the first pediatric dermatology eConsult teledermatology practice at Dartmouth-Hitchcock and respond to approximately 12 eConsults per week from general pediatricians at Dartmouth-Hitchcock locations around the state. This eConsult service is designed to 1) increase patients' access to pediatric dermatology specialty expertise as well as to 2) educate pediatricians about common dermatologic conditions and expand their ability to triage and treat these common conditions.

In the winter of 2016, I developed and delivered the first Pediatric Dermatology Mini-fellowship series to the Department of Pediatrics at CHaD. I gave four grand rounds lectures in 4 months to the pediatric faculty with the goal of bringing them up to speed on the most current treatments for infantile hemangioma, acne, and infections.

Proficiency in Research/Scholarship

Since 2009 I have published numerous original articles, case reports, CME articles, and book chapters:

- Original articles – 4
- Case reports -11
- CME articles – 3
- Book chapters – 2

As a dermatology resident at OHSU I participated in numerous clinical research projects. Through collaboration with the Costello Syndrome Family Network, I examined 46 children with Costello syndrome, an uncommon disorder of the RAS-MAP kinase pathway. Analysis of these results culminated in a publication in the British Journal of Dermatology that for the first time described the dermatologic phenotype of this syndrome. I worked with colleagues in the United Kingdom and described a novel genetic mutation in three families with Galli-Galli syndrome. I collaborated with dermatologists in Sweden in order to isolate and identify for the first time the allergen (epoxy) in tagless labels in infant clothing causing severe allergic contact dermatitis in the pediatric population.

As a pediatric dermatology fellow at OHSU I participated in numerous clinical research trials including the seminal multicenter randomized controlled trial that led to the approval of propranolol for the treatment of infantile hemangiomas.

Since joining the faculty at Dartmouth-Hitchcock, I have become involved in numerous clinical trials. I am currently the principal investigator on one NIH-sponsored clinical trial (topical timolol for infantile hemangiomas), one Pediatric Dermatology Research Alliance-sponsored clinical trial (quality of life among children with chronic dermatologic conditions) and two pharmaceutical-sponsored trials (dupilumab for pediatric atopic dermatitis, apremilast for pediatric psoriasis).

Leadership

Since February 2017 I have served as the Dermatology leader in our collaborative efforts with the section of Dermatopathology. Working with George Blike and Robert LeBlanc, our efforts have focused on improving the clarity and clinical relevance of dermatopathology reports as well as facilitating collaboration among Dermatology and Dermatopathology faculty members. We are in the process of standardizing language and clinical protocols for the management of atypical melanocytic neoplasms