

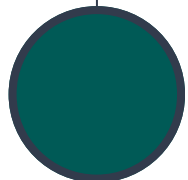
Summer 2024



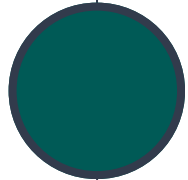
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DARTMOUTH HEALTH DERMATOLOGY

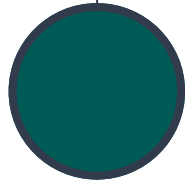
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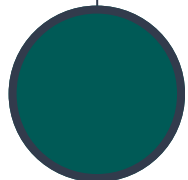
Letter from the Chair



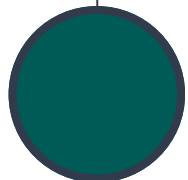
Faculty Profiles



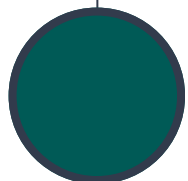
Specialty Clinics



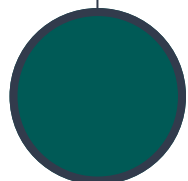
Research and Academics



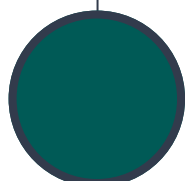
Resident Profiles



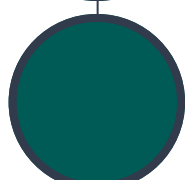
Clinical Trials



Awards



Special Events



In-Clinic Candids

LETTER FROM THE CHAIR



The 2023-2024 was another great year in Dermatology, as our academic successes, Faculty awards and grant funding continue to expand. Our publications held steady around 50+ peer reviewed journal articles. Our Faculty presented 5 separate lectures at our national AAD meeting in San Diego, followed by 3 gross and microscopic presentations, by our residents. Julianne Mann, MD, our Vice Chair of Quality, was awarded the AAD Innovations in Quality Improvement. Alicia Dagrosa, MD, MBA continues to thrive and accel in her role as Director of Medical Student Dermatology Education at Geisel, and was awarded the Faculty Excellence in Career Advising at this year's Geisel Medical School graduation.

Our Department published 2 significant impactful papers this year. One from Dr. LeBoeuf, in Nature Precision Oncology, in which he describes the use of artificial intelligence for basal cell carcinoma margin assessment. The other was Our clinical volume was the highest, again, this year. We will complete 60,000 medical dermatology visits, 2,800 Mohs surgery procedures in the 2023-2024 fiscal year. Our clinical trials patient enrollment continues to expand, as does the clinical trials team. We have 7 active trials ongoing and we have enrolled just over 550 patients in our trials in the last 2 years.

We are celebrating our first Faculty NIH grant in the Department, as Jillian Rork, MD was awarded an R03 Grant for studying Down Syndrome, ... which is \$300,000 over the next 2 years. This is not only a great accomplishment, it is a special clinic and academic environment, that is unique in the US. Dr. Rork hopes to expand her research platform and engage other pediatric dermatology clinics to join her data base in the future.

The Department will graduate our 3 PGY-4 Residents this summer, and will welcome 3 new PGY-2 Residents, with an additional PGY-3 transfer resident, Amber ... for a total of 10. We hope to permanently expand the residency to 4 per year, in the next few cycles. In addition to our resident success, we celebrated the success of all 4 of our Geisel medical student's applicants for Dermatology residency. I huge accomplishment. Congratulations to Amaka Okorie, Chenin Ryan, Jamie Karch and Blair Anderson. For the second year in a row, our Department has sponsored the Tenney Fellow. This year, Katherine Bradley, MS4, presented her work titled, "CRISPR Onychomycosis..." at the ... meeting.

Our community service projects at both the Good Neighbor Clinic, led by Jon Glass, MD and the Department's Melanoma screening Day for Melanoma Month, organized by Brittany Stark, both continue to be huge successes. We provide care, visibility and awareness outside of the Heater Road clinic, on many levels in the local Upper Valley region, and will continue to do this in the coming years.

One of the biggest challenges we are facing in healthcare is patient access. We have an aging population, clinical staffing shortages and an extremely high and ever-increasing demand for our services. In December 2023, we attempted to address this problem by creating a "Big Access Week." The goal was to reduce our backlog of patients of 3,700. We created space in our Department schedule to take care of only these new and referral patients during the week, in an "all hands on deck" approach. We successfully reduced the backlog to around ~100 patients, and created a clinical pathway for the future to address our access conundrum for our Department and dermatology clinics across the country. The clinical summary will be publication JAAD in the next year.

DENISE AARON, MD

ASSISTANT PROFESSOR OF DERMATOLOGY



Undergraduate:

Lehigh University

Medical School:

University of Texas Medical School at Houston (McGovern)

Internship:

Dartmouth-Hitchcock Medical Center, Internal Medicine

Residency:

Dartmouth-Hitchcock Medical Center, Dermatology

Dr. Aaron completed her medicine internship and dermatology residency training at Dartmouth-Hitchcock in 2006 and has been on clinical staff ever since.

Dr. Aaron takes great pride in providing her patients with the utmost professional, highly-skilled medical and surgical dermatologic care in a friendly, non-judgmental environment. Her practice consists mainly of teenage and adult general medical dermatology patients. Compassion, respect and maintaining an open dialog with patients is of paramount importance to Dr. Aaron and her entire team. They would love for your visit with them to be the best part of your day!

In addition to her clinical practice, Dr. Aaron is the course director of the dermatology course at Geisel School of Medicine at Dartmouth, which trains medical students in dermatology concepts in their pre-clinical years.

New Hampshire Magazine has named Dr. Aaron one of New Hampshire's Top Doctors for several years in a row. She is author of several dermatology-related chapters in both the patient-centered and professional versions of the Merck Manual.

Professional Interests:

General Dermatology
Skin Cancer
Melanoma
Dermoscopy

Personal Interests:

Traveling, Cooking and Exercise

Selected Publications:

Aaron DM, Dinulos JGH, Storm CA. Bilateral plantar nodules in an infant. Arch Derm. 2005; 141:1161-1166.

Zug KA, **Aaron DM**, MacKenzie T. Baseline quality of life as measured by Skindex-16+5 in patients presenting to a referral center for patch testing. Dermatitis. 2009; 20(1):21-8.

Meyer A, **Aaron DM**, Guill M, Perry A. Erythematous Reticular Patches: A Rare Presentation of Mid-Dermal Elastolysis. J Am Acad Derm. Published on-line Nov 2011.

DOROTHEA BARTON, MD

ASSOCIATE PROFESSOR OF DERMATOLOGY



Undergraduate:

Stanford University

Medical School:

Dartmouth Medical School

Internship:

Dartmouth-Hitchcock Medical Center, Internal Medicine

Residency:

Dartmouth-Hitchcock Medical Center, Dermatology

Fellowship:

Dartmouth-Hitchcock Medical Center, Dermatopathology

Dr. Barton completed her residency in Dermatology at Dartmouth-Hitchcock in 2011 and fellowship in Dermatopathology at Dartmouth-Hitchcock in 2013, and has been a staff physician ever since. She is the Co-founder and Co-Director of the multidisciplinary Dermatology-Rheumatology Clinic and serves as the Section Chief of Complex Medical Dermatology at DHMC.

She is the author of numerous peer reviewed publications in the areas of her research interests, which include dermatologic manifestations of rheumatologic and autoimmune disease, dermato-epidemiology, and the histologic, molecular and clinical manifestations of skin cancer. She is involved in active collaborations with basic science faculty at Dartmouth, and is a co-investigator on several grants including an NIH funded study investigating the inflammatory pathways in autoimmune skin disease.

In addition, she loves to teach medical students, residents and fellows, and has been honored to mentor students and residents at DH. At the heart of her research, educational and leadership efforts, is her love of clinical medicine. Her work revolves around her patients – their problems and their care, which is centered in her busy and active clinical practice.

Professional Interests: Autoimmune skin disease including dermatomyositis, lupus and scleroderma, Complex Medical Dermatology, Dermatopathology, Dermatoepidemiology

Personal Interests: Ultramarathon running, Ceramics, Raising Twins

Selected Publications:

Barton DT, Zens MS, Marmarelis EL, Gilbert-Diamond D, Karagas MR. Cosmetic Tattooing and Early Onset Basal Cell Carcinoma: A Population-based Case-Control Study from New Hampshire. *Epidemiology*. 2020;31: 448-450.

LeBlanc RE, **Barton DT** (equally contributing authors), Li Z, Angeles CV, Ernstoff MS, Bagley E, Wimmer D, Wong SL, Barth RJ Jr, Shirai K, Yan S. Small and Isolated Immunohistochemistry-positive Cells in Melanoma Sentinel Lymph Nodes Are Associated With Disease-specific and Recurrence-free Survival Comparable to that of Sentinel Lymph Nodes Negative for Melanoma. *Am J Surg Pathol*. 2019;43: 755-765.

Barton DT, Zens MS, Nelson HH, Christensen BC, Storm CA, Perry AE, Karagas MR. Distinct Histologic Subtypes and Risk Factors for Early Onset Basal Cell Carcinoma: A Population-Based Case Control Study from New Hampshire. *J Invest Dermatol*. 2016;136: 533-535

JOI CARTER, MD

ASSOCIATE PROFESSOR OF DERMATOLOGY
RESIDENCY PROGRAM DIRECTOR

**Undergraduate:**

College of The Holy Cross

Medical School:

Dartmouth Medical School

Internship:

Beth Israel Deaconess Medical Center, Internal Medicine

Residency:

Dartmouth-Hitchcock Medical Center, Dermatology

Fellowship:

Brigham and Women's Hospital and Dana Farber Cancer Institute,
Cutaneous Oncology

Dr. Carter completed residency in Dermatology at Dartmouth Hitchcock Medical Center and pursued specialty training via Cutaneous Oncology Fellowship at Dana Farber Cancer Center/Brigham and Women's Hospital. In 2015 she returned to her roots in New Hampshire and joined the Dermatology faculty at DHMC and Geisel School of Medicine at Dartmouth. At DHMC she participates in the multidisciplinary cutaneous lymphoma clinic and is co-founder of the first High Risk Skin Cancer Clinic at DHMC. In addition, she is the Residency Program Director for Dermatology Residents.

My dermatology practice focuses on skin cancer. In particular, I see patients with rare lymphomas of the skin (cutaneous T cell lymphoma or cutaneous B cell lymphoma) as well as patients who are at high risk of developing skin cancer due to either a suppressed immune system (organ transplant recipients or patients with chronic lymphocytic leukemia) or other genetic factors. I enjoy collaborating with other specialists to provide coordinated multidisciplinary care and working with patients to create a skin cancer management and prevention plan that best fits their needs.

I am a member of the United States Cutaneous Lymphoma Consortium as well as the International immunosuppression and Transplant Skin Cancer Collaborative and continue to actively collaborate with physicians who have similar interests. I am grateful to be able to develop relationships with and learn from my patients over time, teach residents and medical students about rare skin disorders, and participate in research to help advance our knowledge within the field of cutaneous oncology. "

Professional Interests:

Cutaneous Oncology, Cutaneous T cell lymphoma, Cutaneous B cell lymphoma, High risk skin cancer, Cutaneous care of transplant recipients, Melanoma

Personal Interest:

Hiking, Snowshoeing, Volleyball, Spending time with family

Selected Publications:

Clark RA, Watanabe R, Teague JE, Schlapbach C, Tawa MC, Adams N, Dorosario AA, Chaney KS, Cutler CS, Leboeuf NR, Carter JB, Fisher DC, Kupper TS. Skin effector memory T cells do not recirculate and provide immune protection in alemtuzumab treated CTCL patients. *Sci Transl Med*. 2012 Jan 18;4(117):117ra7

Carter JB, Johnson MM, Chua TL, Karia PS, Schmults CD. Outcomes of primary cutaneous squamous cell carcinoma with perineural invasions: an 11-year cohort study. *JAMA Dermatol*. 2013 Jan;149(1):35-41.

Olsen EA, Hodak E, Anderson T, Carter JB, Henderson M, Cooper K, Lim HW. Guidelines for phototherapy of mycosis fungoides and Sezary syndrome: A consensus statement of the United States Cutaneous Lymphoma Consortium. *J Am Acad Dermatol*. 2016 Jan; 74(1): 27-58

M. SHANE CHAPMAN, MD, MBA

PROFESSOR AND INAUGURAL CHAIR OF DERMATOLOGY

**Undergraduate:**

Tulane University

Medical School:

University of Texas Medical School at Houston (McGovern)

Internship:

University of Texas at Houston Medical School, Internal Medicine

Residency:

Dartmouth-Hitchcock Medical Center, Dermatology

Masters:

Massachusetts Institute of Technology, Masters of Business Administration

Dr. Chapman is a Professor of Dermatology and became the inaugural chair of the “new” Department of Dermatology in 2020. Improving clinical operations, patient experience and employee experience in the ambulatory clinic is a passion and obsession. He specializes in inflammatory diseases of the skin, including psoriasis, atopic dermatitis and pyoderma gangrenosum. He is also focused on the enhancement of photodynamic therapy of the skin for skin cancer, as well as topical immunotherapy for melanoma.

New Hampshire Magazine has named Dr. Chapman one of New Hampshire’s Top Doctors for several years. He is the co-author of the best-selling dermatology text book Skin Disease: Diagnosis and Treatment, now in its 4th edition.

Professional Interests:

Psoriasis and Complex Inflammatory Skin Disease, Immunotherapy of Melanoma, Photodynamic Therapy, Laser Therapy

Personal Interests:

Family, Running, Cycling, Gardening, Travelling and Stonewall Building

Selected Publications:

Collins L, Carter J, **Chapman M.S.** Cutaneous Adverse Effects of the Immune Checkpoint Inhibitors. Current Problems in Cancer 2017;41:125-28. PMID:28190531

Ruiz, AJ, LaRochelle EPM, Gunn JR, Hull SM, Hasan T, **Chapman M.S.** Pogue BW. Smartphone fluorescence imager for quantitative dosimetry of Protoporphyrin IX based photodynamic therapy in skin,” Journal of Biomedical Optics 2020;25:14 pages.

Chambers M, Baker C, Swetter SM, Baker C, Saunders MS, **Chapman M.S.** Topical Imiquimod for Lentigo Maligna: Survival Analysis of 103 Cases With 17 Years Follow-up. Journal of Drugs in Dermatology 2021;20:346-348. PMID: 33683087

ALICIA DAGROSA, MD, MBA

ASSISTANT PROFESSOR OF DERMATOLOGY AND MEDICAL STUDENT EDUCATION

**Undergraduate:**

Boston College

Medical School:

Geisel School of Medicine at Dartmouth College

Masters:

Tuck School of Business at Dartmouth College, Masters of Business Administration

Internship:

Dartmouth-Hitchcock Medical Center, Internal Medicine

Residency:

Dartmouth-Hitchcock Medical Center, Dermatology

Dr. Dagrosa joined the dermatology faculty at DHMC in 2021. She has clinics at both the DHMC Heater Road facility as well as the Alice Peck Day Multi-Specialty Clinic. Her clinical interests within adult medical dermatology and hospital consultative dermatology are broad and include the diagnosis and management of inflammatory, infectious, immune, and neoplastic diseases of the skin. She is the section chief of hospital dermatology and the director of medical education for the department of dermatology. She is also the co-director of the preclinical dermatology course at the Geisel School of Medicine and is involved with the MD-MBA program at Geisel and Tuck.

Professional interests:

General dermatology, Complex medical dermatology, Hospital dermatology, Medical education

Personal Interests:

Skiing, Running, Camping and Hiking

Selected Publications:

Dagrosa AT, Fraser LW, Linos KD, Sriharan A, Albert DA, Mann JA. Pachydermodactyly associated with extensive computer gaming: a report of three cases. *Pediatr Dermatol*, July 2020. PMID: 32639038

Dagrosa AT, Cowdrey MCE, LeBlanc RE, Lansigan F, Kaur P, Carter JB. "Adenopathy and Extensive Skin Patch Overlying a Plasmacytoma (AESOP) with Unusual Histologic Findings in a Patient with POEMS Syndrome and Castleman Disease." *Journal of Cutaneous Pathology* 2019;46(10):784-789. PMID: 31119772.

Dagrosa AT, Elston DM. "What's eating you? Head lice (*Pediculus humanus capitis*)." *Cutis* 2017; 100(6):389-392. PMID: 29360900.

GABRIELLE DUPRAT, MD

ASSISTANT PROFESSOR OF DERMATOLOGY
ASSOCIATE RESIDENCY PROGRAM DIRECTOR



Undergraduate:

Northwestern University

Medical School:

Indiana University School of Medicine

Internship:

St. Vincent Hospital

Residency:

Dartmouth-Hitchcock Medical Center, Dermatology

Dr. Duprat joined the dermatology faculty at DHMC in 2023. She has clinics at both the DHMC Heater Road facility as well as the New London Hospital. Her clinical interests include adult medical dermatology and cosmetic and procedural dermatology. She is also an associate program director for the dermatology residency program and Dartmouth.

Professional interests:

General dermatology, cosmetic and procedural dermatology, medical and resident education

Personal interests:

Spending time with family and friends, travelling, being outdoors

Selected publications:

Liang Amy ST, Ryan C, O'Hern K, **Duprat GE**, Donnell SA, Simmons B. Primary estrogen receptor-positive lung adenocarcinoma identified by immunohistochemical investigation of rare cutaneous metastasis to the breast in a patient with presumed recurrent estrogen receptor-positive breast cancer. JAAD Case Rep. 2021 Jun 14;14:85-87. doi: 10.1016/j.jdc.2021.06.008. PMID: 34295954; PMCID: PMC8281659.

Salem I, Bennett R, Hodson EL, **Duprat GE**, Doughty H, Georgantzoglou N, Linos K, Chamberlin MD, Chapman MS. Cutaneous breast cancer of unknown primary. JAAD Case Rep. 2023 Apr 6;37:45-48. doi: 10.1016/j.jdc.2023.03.013. PMID: 37324179; PMCID: PMC10265463.

McConnell RD, **Duprat GE**, Cohen JA, Pace NC. Scalp dysesthesia, more than skin deep. JAAD Case Rep. 2022 Jan 6;22:82-84. doi: 10.1016/j.jdc.2021.12.001. PMID: 35330984; PMCID: PMC8938621.

NATALIE FRAGOSO, MD

ASSISTANT PROFESSOR OF DERMATOLOGY
ASSISTANT RESIDENCY PROGRAM DIRECTOR

**Undergraduate:**

Yale University

Medical School:

David Geffen School of Medicine at the University of California at Los Angeles

Internship:

Olive View-UCLA Medical Center, Internal Medicine

Residency:

University of California at Los Angeles, Dermatology

Dr. Fragoso is thrilled to return to New England and join the faculty at Dartmouth-Hitchcock after completing her dermatology training at UCLA in 2021. She enjoys all aspects of medical dermatology and is interested in treating patients with complex skin issues as well as routine skin conditions.

Professional Interests:

General Dermatology, Acne vulgaris, Hidradenitis Suppurativa, Complex medical dermatology

Personal Interests:

Hiking, Skiing

Selected Publications:

Seivright JR, **Villa NM**, Grogan T, et al. Impact of pregnancy on hidradenitis suppurativa disease course: a systematic review and meta-analysis. *Dermatology*. Published online August 17, 2021:1-7.

Villa NM, Seivright JR, Worswick SD, Shi VY, Hsiao JL. Pityriasis rubra pilaris: a bibliometric analysis. *International Journal of Dermatology*. 2021;60(8):e326-e331.

Adelekun A, **Villa N**, Hsiao J, Micheletti RG. Pregnancy in hidradenitis suppurativa: patient perspectives and practice gaps. *JAMA Dermatology*. 2021;157(2):227

JONATHAN GLASS, MD

ASSISTANT PROFESSOR OF DERMATOLOGY

**Undergraduate:**

Haverford College

Medical School:

Weill Medical College of Cornell University

Internship:

National Naval Medical Center Bethesda, Maryland / Walter Reed National Military Hospital

Dermatology Residency:

University of Texas Southwestern Medical Center

Military Service:

US Navy (2003-2007, 2010-2015)

Dr. Glass is a General Dermatologist. He joined staff at Dartmouth-Hitchcock Medical Center in 2015. Prior he served as an officer and Dermatologist in the US Navy providing General Dermatology Care; a specialist consultant in Tropical Dermatology; and program director for epidemiology of epidemic infectious diseases in southeast Asia.

At Dartmouth Health, he practices General Dermatology and has specialty clinic with Allergic Contact Dermatitis/Occupational Dermatitis. He is principal and sub-investigator on clinical trials in advanced therapeutics for psoriasis and atopic dermatitis. He leads projects in advancing community outreach in the Upper Valley through telehealth and developing international dermatology epidemiology and outreach projects.

He has particular clinical interest in skin cancers, tropical dermatology, warts, atopic dermatitis, allergic contact dermatitis, occupational dermatology, psoriasis and hidradenitis suppurativa

Professional Interests:

Tropical Dermatology/Infectious Diseases, Allergic contact dermatitis, Psoriasis, Atopic Dermatitis, Skin Cancer - Melanoma and Non-melanoma Skin Cancers and Management, Cutaneous Warts, Hidradenitis Suppurativa, Occupational Dermatology, Telehealth / Community Outreach Dermatology, Global Health/International Dermatology, Clinical Trials

Personal Interests:

Fly Fishing, Sailing, Photography and Cooking Indonesian, Asian and Japanese Cuisine

Selected Publications:

Chan CX, Simmons BJ, Call JE, Yan S, **Glass JS**, Chapman MS "Cutaneous leishmaniasis successfully treated with miltefosine." Cutis. 2020 Oct;106(4):206-209. doi: 10.12788/cutis.0086.

Daugherty A, **Glass JS**, Sorrells T. "Agminated papules on the neck." Cutis. 2018 Sep;102(3):E5-E7.

Simmons BJ, LeBlanc RE, **Glass JS**. "Intertriginous mastocytosis: a rare presentation of an uncommon disease." Int J Dermatol. 2019 Jul;58(7):852-853. doi: 10.1111/ijd.14166. Epub 2018 Aug 6.

MATTHEW HAYDEN, MD, PHD

ASSISTANT PROFESSOR OF DERMATOLOGY

**Undergraduate:**

Oberlin College

Medical School:

Yale School of Medicine

Graduate School:

Yale School of Medicine (Doctor of Philosophy)

Post-Doctorate:

Columbia University Medical Center

Dr. Hayden received his B.A. in 1994 in biology from Oberlin College, Oberlin OH. In 1998 he joined the Gladstone Institute of Virology and Immunology as a research assistant exploring HIV drug resistance and viral fitness. In 2000 he entered the MSTP at Yale School of Medicine, performing doctoral research in the Department of Immunobiology. Dr. Hayden did post-doctoral research at Columbia University, before becoming an Assistant Professor in the Departments of Dermatology and Microbiology & Immunology at Columbia University Medical Center, where he served as the George Henry Fox Assistant Professor of Dermatology and Columbia University Medical Center. Dr. Hayden joined the Dermatology Department at Dartmouth Health and Geisel School of Medicine in 2017.

Personal Interests:

Gardening, Cooking, Sailing and Tinkering

Selected Publications:

Carneiro FRG, Lepelley A, Seeley JJ, **Hayden MS**, Ghosh S An Essential Role for ECSIT in Mitochondrial Complex I Assembly and Mitophagy in Macrophages. Cell Rep. 2018 Mar 6;22(10):2654-2666

Grinberg-Bleyer Y, Caron R, Seeley JJ, De Silva NS, Schindler CW, **Hayden MS**, Klein U, Ghosh S The Alternative NF- κ B Pathway in Regulatory T Cell Homeostasis and Suppressive Function. J Immunol. 2018 Apr 1;200(7):2362-2371.

Oh H, Grinberg-Bleyer Y, Liao W, Maloney D, Wang P, Wu Z, Wang J, Bhatt DM, Heise N, Schmid RM, **Hayden MS**, Klein U, Rabadan R, Ghosh S An NF- κ B Transcription-Factor-Dependent Lineage-Specific Transcriptional Program Promotes Regulatory T Cell Identity and Function. Immunity. 2017 Sep 19;47(3):450-465.e5

MANUEL IRIONDO, MD

ASSISTANT PROFESSOR OF DERMATOLOGY

**Undergraduate:**

University of Texas

Medical School:

Texas Tech University School of Medicine

Internship:

Methodist Hospitals of Dallas (Internal Medicine)

Residency:

Texas Tech University School of Medicine, Dermatology

Fellowship:

University of Wisconsin Hospital and Clinics, Mohs Surgery

Dr. Iriondo attended Texas Tech University School of Medicine from 1978-1982. After his internship year at Methodists Hospital in Dallas, TX, Dr. Iriondo began a 3 year Dermatology Residency at Texas Tech University School of Medicine. He then moved on to do a Mohs fellowship under Dr. Frederic Mohs in Madison, Wisconsin.

Upon Completion of the Mohs fellowship, Dr. Iriondo became an Assistant Professor at the University of Miami. Dr. Iriondo later became Chief of Mohs Surgery at Boston University School of Medicine, Roger Williams Hospital in Providence, Rhode Island.

Dr. Iriondo joined Dartmouth Health in 2020. He moved to New Hampshire from Florida to be closer to his daughter who attends college at New York University.

Professional Interests:

Patient Care and Wound Healing

Personal Interest:

History, Guitar and Piano

MATTHEW LEBOEUF, MD, PDH

ASSISTANT PROFESSOR OF DERMATOLOGY



Undergraduate:

The Johns Hopkins University

Medical School:

University of Pennsylvania School of Medicine

Post Doctorate:

University of Pennsylvania School of Medicine

Residency:

Hospital of the University of Pennsylvania

Fellowship:

University of Vermont Medical Center, Mohs Surgery

Dr. LeBoeuf completed his medical and post-doctorate degrees at the University Of Pennsylvania School Of Medicine. He subsequently completed his residency in Dermatology at the Hospital of the University of Pennsylvania and a Mohs Micrographic Surgery fellowship at the University of Vermont Medical Center. Dr. LeBoeuf specializes in the removal of skin cancers using the Mohs Micrographic Surgery allowing complete tumor clearance while limiting the amount of normal surrounding tissue removed. His clinical interests include treatment of advanced skin cancers and facial reconstruction. Since joining DHMC Dr. LeBoeuf has completed over 5000 Mohs Micrographic Surgeries and subsequent reconstructions. Dr. LeBoeuf enjoys the team approach provided through the Mohs Micrographic Surgery procedure and strives to minimize the stress and anxiety often associated with surgical procedures. Dr. LeBoeuf has worked closely with multiple members of the Dartmouth Health Mohs team to create a closely knit team environment that enhances the patient experience and surgical outcomes.

Dr. LeBoeuf's research interests are focused on methods to improve tumor margin analysis and tumor clearance including the use of machine learning and artificial intelligence to accomplish this. This involves application of Mohs Micrographic Surgery methodologies to build a model system that allows for accurate and efficient evaluation of tumor margins for the presence or absence of tumor and subsequent tumor mapping. Dr. LeBoeuf has also developed and published a quantitative approach to study and ensure quality in the Mohs Micrographic Surgery histology lab further ensuring excellent patient outcomes.

Professional Interests:

Reconstruction of post-Mohs Micrographic Surgery defects, Removal of advanced and complex skin cancers using Mohs, Micrographic Surgery, Dartmouth Dermatology Resident surgical training and procedural excellence, Digital pathology, artificial intelligence, 3D tumor modeling, Synergistic use of in vivo imaging and machine learning driven algorithms for tumor margin analysis, The role of the medical assistant in Mohs Micrographic Surgery and Dermatologic Surgery

Personal Interests:

Exercising, Cooking and Coaching

ROBERTA LUCAS, MD

ASSISTANT PROFESSOR OF DERMATOLOGY



Undergraduate:

Siena College

Medical School:

Albany Medical College

Internship:

Medical College of Virginia, Internal Medicine)

Residency:

Cook County Hospital, Dermatology

Dr. Lucas is the Section Chief of Cosmetic Dermatology. She provides medical and cosmetic dermatologic care with a focus on healthy skin barrier function. She has expertise in the use of lasers, fillers, neurotoxins and cosmeceuticals for skin rejuvenation.

Dr. Lucas believes that at any age, glowing, healthy skin contributes meaningfully to a person's overall well-being. Her philosophy of care focuses on promoting, developing, and maintaining skin health for all of her patients. As both a cosmetic and medical dermatologist, Dr. Lucas approaches skin disease and skin performance with the goal of maximizing health potential, rather than just controlling disease. Dr. Lucas' expertise in the use of lasers, fillers, neurotoxins, cosmeceuticals, and other skin rejuvenating procedures allows her to address problem areas while safeguarding healthy skin. She also educates patients on skin fitness to help them control the day-to-day look, feel, and function of their skin. When patients are knowledgeable and empowered in the care of their skin, the doctor-patient partnership can achieve excellent results.

Professional Interests:

pH and skin barrier function, Lasers, Fillers and Neurotoxins

Personal Interests:

Spending time with family, Mindfulness and Meditation, Fitness and Nutrition

JULIANNE MANN, MD

ASSOCIATE PROFESSOR OF DERMATOLOGY & PEDIATRICS

**Undergraduate:**

Williams College

Medical School:

Dartmouth Medical School

Internship:

New York University, Pediatrics

Residency:

Oregon Health and Science University

Fellowship:

Oregon Health and Science University, Pediatric Dermatology

Dr. Mann is a board-certified pediatric dermatologist who specializes in all aspects of pediatric dermatology including genetic skin diseases (genodermatoses), inflammatory skin conditions (atopic dermatitis, psoriasis, acne), autoimmune skin diseases (vitiligo, lichen sclerosus, cutaneous lupus), vascular birthmarks (infantile hemangiomas, port wine birthmarks, venous and lymphatic malformations), alopecia (hair loss), and pigmented birthmarks (congenital melanocytic nevi) in infants, children, and adolescents. Dr. Mann has specialized pediatric dermatologic surgical training and performs surgeries both at Heater Road and at the Outpatient Surgery Center. Dr. Mann is also the director of quality and patient safety in the department of dermatology. She sees pediatric patients in person at Heater Rd, as well as virtually through our Zoom-based Telehealth platform.

Dr. Mann has authored numerous peer-reviewed articles as well as chapters in the seminal pediatric dermatology textbooks Harper's Textbook of Pediatric Dermatology (2019) and Severe Skin Disease in Children: Beyond Topical Therapy (2014). She lectures regularly at regional and national academic meetings and was voted a New Hampshire "Top Doc" in New Hampshire Magazine by her physician peers for 2 years in a row (2020 and 2021). She is a member of the Society for Pediatric Dermatology (SPD), the Pediatric Dermatology Research Alliance (PeDRA), the American Academy of Dermatology, and the New England Dermatological Society.

Professional Interests:

Infantile hemangiomas, Port wine stains and other vascular malformations, Genetic skin diseases, Atopic dermatitis and Pediatric Psoriasis, Congenital nevi and other birthmarks, Quality and patient safety, Telehealth for improving access to pediatric dermatologic care

Personal Interests:

Hiking and trail running, Nordic skiing, Mountain biking, Gardening, Coaching youth field hockey

Selected Publications:

Hamann CR, Duprat G, Dagrosa AT, **Mann JA**. Desktop Dermatitis: A case series of 7 patients with forearm contact dermatitis from frequent surface cleaning. Contact Dermatitis 2021 Nov-Dec 01; 32(6): e104-e107.

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.

Mann JA, Siegel DH, Krol AL, Rauen KA. Dermatological phenotype in Costello syndrome: consequences of Ras dysregulation in development. Br J Dermatol 2012 Nov-Dec: 31(6): 716-21.

NICOLE PACE, MD

ASSISTANT PROFESSOR OF DERMATOLOGY & PEDIATRICS

**Undergraduate:**

University of Western Ontario, London, Ontario, Canada

Medical School:

University of Western Ontario School of Medicine, London, Ontario, Canada

Internship:

St. Joseph's Hospital, Hamilton, Ontario, Canada

Residency:

University of Toronto, Dermatology

Fellowship:

Royal College of Physicians and Surgeons of Canada, Dermatology

Nicole Pace, MD is an Assistant Professor of Dermatology and Pediatrics at the Geisel School of Medicine at Dartmouth. She sees both adult and pediatric patients and has special interest in Hair Disorders, Global healthcare and Gender-based patient care. She attended college at the University of Texas, in Austin, then received her medical degree from the University Of Texas Medical School at Houston (McGovern School of Medicine). She completed her Dermatology Residency in 2005 and Pediatric Dermatology Fellowship in 2006 at the Dartmouth-Hitchcock Medical Center.

Dr. Pace has lectured locally and nationally on various dermatologic topics. She has authored several book chapters and peer reviewed journal articles. Teaching and mentoring dermatology residents has always been a major focus of her career.

Dr. Pace has been the Director of Continuing Medical Education for the Department of Dermatology for more than 10 years. She has coordinated and implemented several Dermatology hosted meetings held in the Upper Valley. She is a member of the American Academy of Dermatology and the Women's Dermatological Society, as well as the New Hampshire Dermatology Society and New England Dermatologic Society.

Professional Interests:

Pediatric Dermatology, Disorders of Hair, Gender based Dermatology

Personal Interests:

Traveling, Running and Spending time with my spouse and children

Selected Publications:

Bullous Kaposiform Hemangioendothelioma Masquerading as Aplasia Cutis Congenita.

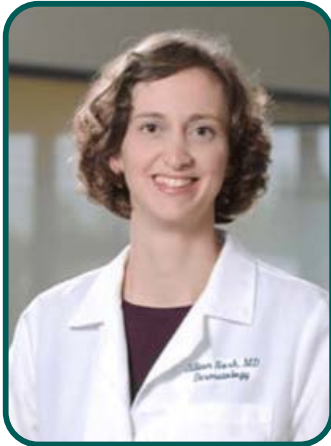
Steen AJ, Shin JH, **Pace NC**, Edgar M, Clay MR, Linos K, Barton DT, Mann JA. *Pediatr Dermatol*. 2016 Sep;33(5):e267-9. doi: 10.1111/pde.12890. Epub 2016 Jun 24. PMID: 27339319

Spontaneous Hair Repigmentation in an 80-Year-Old Man: A Case of Melanoma-Associated Hair Repigmentation and Review of the Literature. Chan C, Magro CM, Pham AK, LeBlanc RE, Yan S, Barton DT, **Pace NC**, Chapman MS, Momtahn S. *Am J Dermatopathol*. 2019 Sep;41(9):671-674. doi: 10.1097/DAD.0000000000001353. PMID: 30730394

Representation of women in pediatric dermatology leadership and research: Trends over the past 45 years. Baker C, Dwan D, Fields A, Mann JA, **Pace NC**, Hamann CR. *Pediatr Dermatol*. 2020 Sep;37(5):844-848. doi: 10.1111/pde.14266. Epub 2020 Jul 9. PMID: 32643789

JILLIAN RORK, MD

CLINICAL ASSISTANT PROFESSOR OF DERMATOLOGY & PEDIATRICS

**Undergraduate:**

Dartmouth College

Medical School:

Harvard Medical School

Internship:

Massachusetts General Hospital, Pediatrics

Residency:

University of Massachusetts, Dermatology

Fellowship:

University of Massachusetts, Pediatric Dermatology

Dr. Rork is a board-certified pediatric dermatologist who specializes in all aspects of pediatric dermatology including inflammatory skin conditions (acne, atopic dermatitis, psoriasis, hidradenitis suppurativa), viral infections (warts, molluscum), autoimmune skin conditions (vitiligo, morphea, cutaneous lupus), alopecia (hair loss), genetic skin conditions (epidermolysis bullosa, ichthyosis), vascular birthmarks (infantile hemangiomas, port wine birthmarks), and pigmented birthmarks (congenital melanocytic nevi). She has specialized training in procedural dermatology, including skin biopsies and laser treatments in pediatric patients. Dr. Rork sees patients at 100 Hitchcock Way in Manchester, NH.

Dr. Rork has a specific clinical and research interest in the many dermatologic conditions in people with Down syndrome. She has a specialty clinic for both pediatric and adult patients with Down syndrome at least once monthly. She has authored numerous peer-reviewed articles on dermatologic conditions in people with Down syndrome. She is co-director of the Pediatric Dermatology Research Alliance (PeDRA) Down syndrome subgroup and is leading several national research studies on skin conditions and quality of life in people with Down syndrome. She lectures regularly at regional and national academic meetings. She is a member of the Society for Pediatric Dermatology (SPD), Pediatric Dermatology Research Alliance (PeDRA), American Academy of Dermatology (AAD), New England Dermatological Society (NEDS), and Down syndrome Medical Interest Group (DSMIG) USA.

Professional Interests:

Dermatologic conditions in individuals with Down syndrome, Genetic skin diseases, Infantile hemangiomas, Port wine birthmarks, Atopic dermatitis, Acne, Hidradenitis suppurativa, Psoriasis

Personal Interests:

Getting outside, Playing saxophone in a local band, Fly fishing, Reading, Cooking, Jigsaw puzzles

Selected Publications:

Ryan C, Vellody K, Belazarian L, Rork JF. Dermatologic conditions in Down syndrome. *Pediatr Dermatol*. 2021 Nov;38 Suppl 2:49-57. doi: 10.1111/pde.14731. Epub 2021 Aug 21. PMID: 34418156.

Rork JF, McCormack L, Lal K, Wiss K, Belazarian L. Dermatologic conditions in Down syndrome: A single-center retrospective chart review. *Pediatr Dermatol*. 2020 Sep;37(5):811-816. doi: 10.1111/pde.14214. Epub 2020 Jun 10. PMID: 32519435.

Rork JF, Huang JT, Gordon LB, Kleinman M, Kieran MW, Liang MG. Initial cutaneous manifestations of Hutchinson-Gilford progeria syndrome. *Pediatr Dermatol*. 2014 Mar-Apr;31(2):196-202. doi: 10.1111/pde.12284. Epub 2014 Jan 24. PMID: 24456199; PMCID: PMC4130100.

BRIAN SIMMONS, MD

ASSISTANT PROFESSOR OF DERMATOLOGY

**Undergraduate:**

University of Florida

Medical School:

University of Miami Miller School of Medicine

Internship:

Orange Park Medical Center, Internal Medicine

Residency:

Dartmouth-Hitchcock Medical Center, Dermatology

Dr. Simmons specializes in the treatment of inflammatory diseases of the skin such as: psoriasis, atopic dermatosis, and blistering inflammatory skin diseases. Other areas of focus are complex medical dermatology, skin cancer diagnosis and treatment, use of biologics and cosmetic dermatology

He is a co-author on over 55 peer reviewed publications, some in high impact journals such as the Journal of Investigative Dermatology, JAMA Dermatology and Journal of the European Academy of Dermatology, author on multiple book chapters in a wide array of dermatologic topics and is active in multiple dermatology clinical trials at Dartmouth Health.

Dr. Simmons is the director of social media and website and oversees the department of dermatology website design and social media outreach, is the director of clinical trials, and is director of the Immunobullous specialty clinic

Professional Interests:

General Dermatology, Complex Medical Dermatology, Immunobullous Diseases, Cosmetic Dermatology

Personal Interests:

Downhill Skiing, Traveling Abroad, Water Sports, Fishing, Scuba Diving

Selected Publications:

Simmons BJ, Liu X, Guill MA, LeBlanc RE . Sarcoidosis with small syringotropic granulomas presenting clinically as a pigmented purpuric dermatosis: Inconspicuous clinical and histopathological clues to systemic illness
J Cutan Pathol. 2020 Aug;47(8):755-757. doi: 10.1111/cup.13692. Epub 2020 Apr 3.

Badin DJ, Baker C, **Simmons BJ**, Yan S, Zug KA

The elusive nature of mucormycosis in an immunocompetent host and the role of a dermatology consult.
Clin Case Rep. 2019 Nov;7(11):2187-2189. doi: 10.1002/ccr3.2479. Epub 2019 Oct 2.

Maranda EL, Lim VM, Taneja R, **Simmons BJ**, Kallis PJ, Jimenez JJ

Witches and Warts AMA Dermatol. 2016 Aug 1;152(8):877. doi: 10.1001/jamadermatol.2015.4419.

FACULTY EMERITUS



Richard Baughman, MD
Professor Emeritus



Kathryn Zug, MD
Professor Emeritus

PER DIEM PHYSICIANS



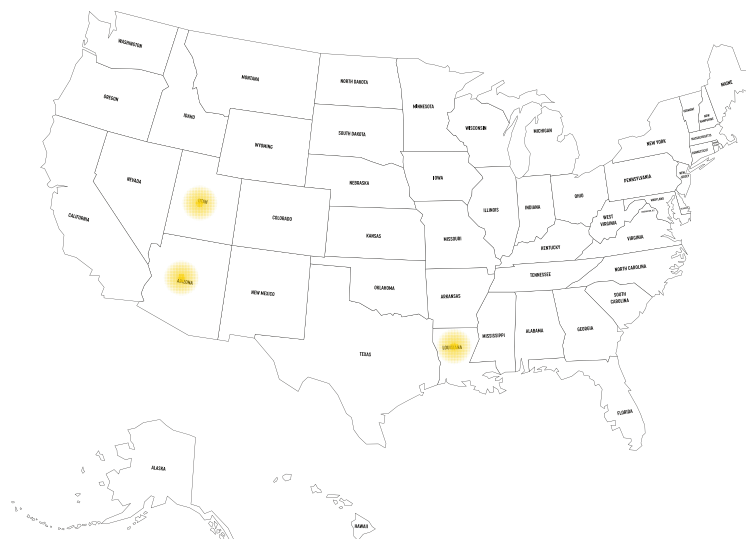
Carsten Hamann, MD, PhD
Assistant Professor of
Dermatology



April Larson, MD



Jessica Wilson, MD



SPECIALTY CLINICS

- Contact Dermatitis
- Laser and Cosmetic Dermatology
- Dermatology-Rheumatology
- Down Syndrome
- Cutaneous Lymphoma
- Dermatology-Psychiatry
- Hair Disorders
- Hidradenitis Suppurativa
- High Risk Skin Cancer
- Immunobullous Disease
- Mohs Micrographic Surgery
- Pediatric Dermatology
- Vulvar Dermatology

CONTACT DERMATITIS CLINIC

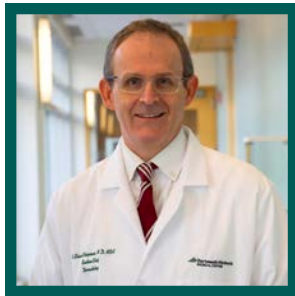


Jonathan Glass, MD

Our Contact Dermatitis & Occupational Dermatology Clinic provides consultations for the diagnosis and management of allergic contact dermatitis in adults and children. We provide an intensive consultation, testing and education service on a referral basis. We offer a full range of specialized patch tests based on occupation and exposures to help our patients identify and avoid allergens/triggers and connect with “safe” products and their providers with data to proceed with the best management direction. Our clinic also participates in clinical research to identify new allergens, tests and the epidemiology of contact dermatitis.

LASER AND COSMETIC DERMATOLOGY CLINIC

Our laser, cosmetic and aesthetic dermatology clinic offers the most advanced laser and machine technology and medical skin care available. Our procedures include lasers, skin tightening devices, fillers and neuromodulators. We also provide body contouring treatments, MiraDry for hyperhidrosis, sclerotherapy, microdermabrasion, chemical peels, and hydrofacial skin infusions. . These procedures are performed by our dermatologists registered nurses and esthetician.



M. Shane Chapman, MD, MBA



Roberta Lucas, MD



Andrea Shehan, Esthetician, Roberta Lucas, MD, Alex Pearson, RN

DERMATOLOGY-RHEUMATOLOGY CLINIC

A specialty care clinic created to care and manage patients with autoimmune diseases with cutaneous manifestations, which includes but is not limited to: lupus, dermatomyositis, scleroderma, morphea, eosinophilic fasciitis, and psoriasis with psoriatic arthritis. We have several ongoing research studies in collaboration with basic scientists at Dartmouth Hitchcock in the areas of lupus and dermatomyositis.

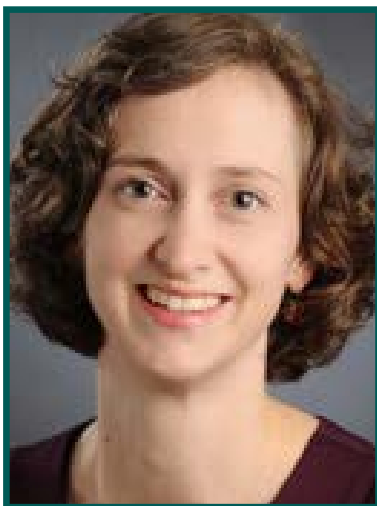


Dorothea Barton, MD
Dermatology



Lin Brown, MD
Rheumatology

DOWN SYNDROME DERMATOLOGY CLINIC



Jillian Rork, MD
Dermatology-Manchester

This specialty clinic is the first-of-its-kind in the nation. This clinic is designed for the care and management of cutaneous manifestations in patients with Down Syndrome or Trisomy-21.

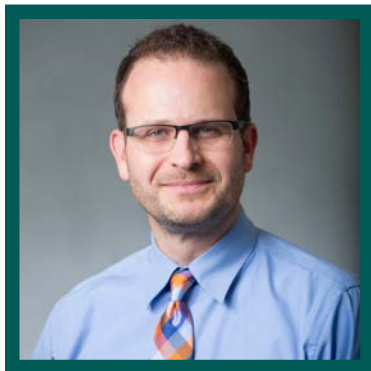
CUTANEOUS LYMPHOMA CLINIC

The cutaneous lymphoma clinic is a multidisciplinary specialty clinic designed for patients with both cutaneous T-cell and B-cell lymphomas. We offer the full spectrum of care, including chemotherapy, extracorporeal photopheresis, immunotherapy, phototherapy, radiation therapy, stem cell transplantation, and topical therapies.



DERMATOLOGY-PSYCHIATRY CLINIC

Our team is dedicated for the care and treatment of patients whose skin changes are linked or related to an underlying mental health condition.



Matthew Duncan, MD
Psychiatry



Sivan Rotenberg, PhD
Psychiatry



M. Shane Chapman, MD, MBA
Dermatology

HAIR DISORDERS CLINIC



Nicole Pace, MD

This specialty care clinic designed for patients who develop hair loss due to underlying autoimmune disorder, such as alopecia areata, lichen planopilaris, and frontal fibrosing alopecia.

HIDRADENITIS SUPPURATIVA CLINIC



Natalie Villa, MD

Hidradenitis suppurativa (HS) clinic focuses on the care of patients with HS. We focus on medical management including hormonal therapies, anti-microbials, and biologics, as well as bedside procedures. We help connect patients to a multitude of inter-disciplinary care offerings including weight management, smoking cessation, surgical treatment options, and wound care.

HIGH RISK SKIN CANCER CLINIC

A specialty care clinic designed for patients at high risk of developing skin cancers, such as those who are:

- Candidates for or recipients of an organ or bone marrow transplant
- Diagnosed with chronic lymphocytic leukemia (CLL) or lymphoma
- Diagnosed with four or more squamous cell skin cancers within the past 12 months
- On long-term medications that suppress the immune system
- Genetic predisposition that increases their risk of squamous cell skin cancer



Joi Carter, MD

IMMUNOBULLOUS DISEASE CLINIC

A specialty clinic that focuses on the care and management of patients with autoimmune or acquired blistering skin diseases, such as bullous pemphigoid, cicatricial pemphigoid/mucous membrane pemphigoid, dermatitis herpetiformis, epidermolysis bullosa acquisita, linear IgA bullous dermatosis, paraneoplastic pemphigus, pemphigus foliaceus, and pemphigus vulgaris



Brian Simmons, MD

MOHS MICROGRAPHIC SURGERY

Our Mohs surgeons treat common and rare skin cancers with the goal of complete removal of your skin cancer, while ensuring the best cosmetic outcome. In most cases, removal and repair can be done on the same day.



Manuel Iriondo, MD
Lebanon



Matthew LeBoeuf, MD, PhD
Lebanon

PEDIATRIC DERMATOLOGY CLINIC

Our board-certified pediatric dermatologists provide treatment for a wide-array of skin conditions in children, including but not limited to vascular birthmarks (strawberry birthmarks), atopic dermatitis (eczema), psoriasis, molluscum, warts, acne, and genetic skin diseases. Our team takes a child-friendly approach to address both the physical aspects of skin disease and also any potential associated emotional impacts. We also work in conjunction with CHaD PainFree Program to provide surgical services if needed.



Nicole Pace, MD
Lebanon



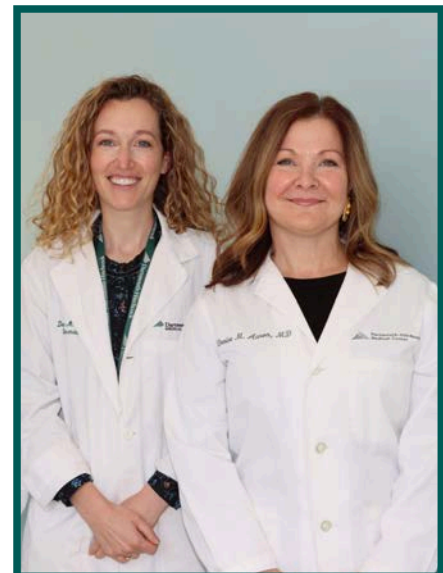
Julianne Mann, MD
Lebanon



Jillian Rork, MD
Manchester

VULVAR DERMATOLOGY CLINIC

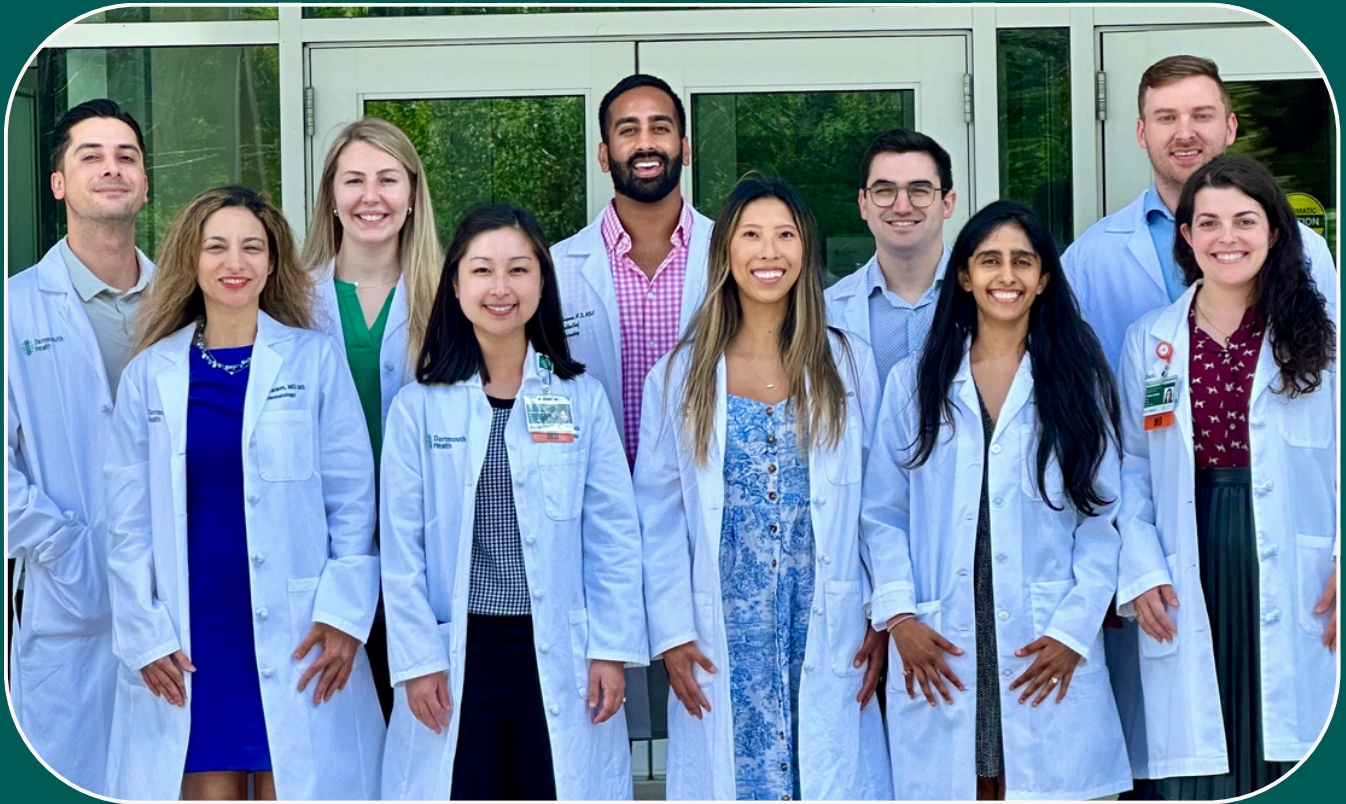
This clinic specializes in diagnosis and treatment of diseases of the vulva and vagina. Our focus is on the multidisciplinary approach to improve patient's health. We use our expertise for vulvar skin rashes, contact dermatitis, lichen sclerosus, lichen simplex chronicus, lichen planus, and chronic and atypical vulvar conditions.



Angela Koenig, MD Obstetrics/Gynecology
Denise Aaron, MD- Dermatology

DERMATOLOGY RESIDENTS

2024-2025



DERMATOLOGY RESIDENTS

CLASS OF 2025

**Dylan Badin, MD****UNDERGRADUATE:**

University of California, Irvine, CA

MEDICAL SCHOOL:

Geisel School of Medicine at Dartmouth, Hanover, NH

INTERNSHIP:

Santa Clara Valley Medical Center, San Jose, California

CLINICAL INTERESTS:

Dermatological oncology, psoriasis, acne, laser therapy and photodynamic therapy

PERSONAL INTERESTS:

Surfing, snowboarding, Ice Hockey and Golf

**David Grand, MD****UNDERGRADUATE:**

New York University, New York, NY

MEDICAL SCHOOL:

Albert Einstein College of Medicine, Bronx, NY

INTERNSHIP:

Lennox Hill Hospital, New York, NY

CLINICAL INTERESTS:

Inflammatory skin diseases and rheumatologic dermatology

PERSONAL INTERESTS:

Music playlist curation, floor hockey, cycling, piano, guitar and bass guitar

**Payal Shah, MD****UNDERGRADUATE:**

Stanford University, Stanford, CA, California

MEDICAL SCHOOL:

New York University Grossman School of Medicine, New York, NY

INTERNSHIP:

Memorial Sloan Kettering Cancer Center

CLINICAL INTERESTS:

Basal Cell Carcinoma, Squamous Cell Carcinoma, Melanoma and Cutaneous Leukermias/Lymphomas

PERSONAL INTERESTS:

Dancing, yoga, barre, tennis, travel, fashion and interior design

DERMATOLOGY RESIDENTS

CLASS OF 2026



Heidi Bai, MD

UNDERGRADUATE:

University of Rochester

MEDICAL SCHOOL:

University of Rochester School of Medicine and Dentistry

PERSONAL INTERESTS:

Food, travel and sports including figure skating, downhill skiing, dance-kickboxing



Amber King, MD

UNDERGRADUATE:

Washington University

MEDICAL SCHOOL:

Yale School of Medicine



Kristan Schiele, MD

UNDERGRADUATE:

The University of Texas at Austin

MEDICAL SCHOOL:

University of Texas at Austin Dell Medical School

PERSONAL INTERESTS:

Calligraphy, cycling, cheese making & tasting, gardening, architecture & design, circus class, 80s cinema, event planning and hosting, and Spanish history



Ahdarsh (Adi) Vallabhaneni, MD

UNDERGRADUATE:

University of Miami, Coral Gables

MEDICAL SCHOOL:

University of Missouri-Columbia School of Medicine

PERSONAL INTERESTS:

Taekwondo (third-degree blackbelt), playing fantasy football, listening to audio books, learning about the evolution of Jazz into Hip-hop

DERMATOLOGY RESIDENTS

CLASS OF 2027



Bethany Cucka, MD

UNDERGRADUATE:

Brown University

MEDICAL SCHOOL:

University of Connecticut

PERSONAL INTERESTS:

Volleyball, Exploring international cuisine, hiking, running and skiing



Hayden Doughty, MD

UNDERGRADUATE:

Brigham Young University and Tuck School of Business at Dartmouth

MEDICAL SCHOOL:

Geisel School of Medicine at Dartmouth

PERSONAL INTERESTS:

Reading about pre-Columbian, colonial and Civil War periods, long distance hiking, ice hockey, powerlifting and birdwatching



Iman Salem, MD

UNDERGRADUATE:

Ain Shams University and Case western Reserve University

MEDICAL SCHOOL:

Ain Shams University Faculty of Medicine

PERSONAL INTERESTS:

Writing poetry, camping, hiking, cooking and drawing

DERMATOLOGY RESIDENTS

CLASS OF 2028



Michael Buontempo, MD

UNDERGRADUATE:

Fordham University

MEDICAL SCHOOL:

Hackensack Meridian School of Medicine



Jamie Karch, MD

UNDERGRADUATE:

Arizona State University

MEDICAL SCHOOL:

Geisel School of Medicine at Dartmouth



Chenin Ryan, MD

UNDERGRADUATE:

Georgetown University

MEDICAL SCHOOL:

Geisel School of Medicine at Dartmouth

DERMATOLOGY GRADUATION

2024



BASIC SCIENCE RESEARCH PROGRAM

THE HAYDEN LAB

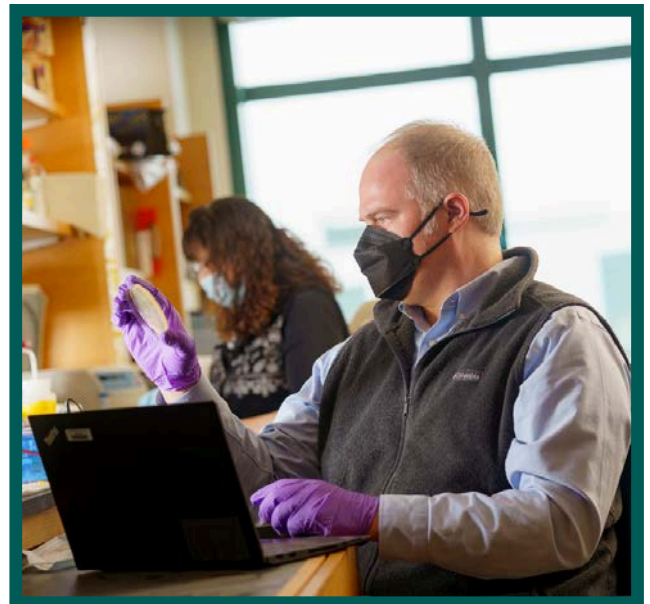
In addition to increasing academic output, Dermatology is also growing our research footprint. The Hayden Lab has moved into a new research space within the Norris Cotton Cancer Center. The lab has hired scientists with expertise in virology and molecular biology who are leading funded research into new approaches for detecting and treating infectious diseases of the skin. This work continues to be supported through industry sponsorship and multiple institutional and extramural research grants.

Close collaboration between scientists and clinical faculty is one way to achieve transformative translational dermatology research and expand the department's research enterprise. By leveraging the lab's expertise in genetic engineering, immunology, and dermatology, we have established ongoing collaborations with investigators across DHMC, Dartmouth, the White River Junction VA, and other academic medical centers. Through these efforts, we seek to grow the research efforts of our clinical faculty and encourage other scientists at Dartmouth and D-H to use their expertise to address unmet needs in dermatology.

For example, working together with Dr. Simmons and medical student researchers, members of the Hayden Lab are using cutting-edge tools to improve dermatophyte diagnostics. This work provided preliminary data that allowed Dr. Simmons to successfully compete for the Department's first Dermatology Foundation research grant.



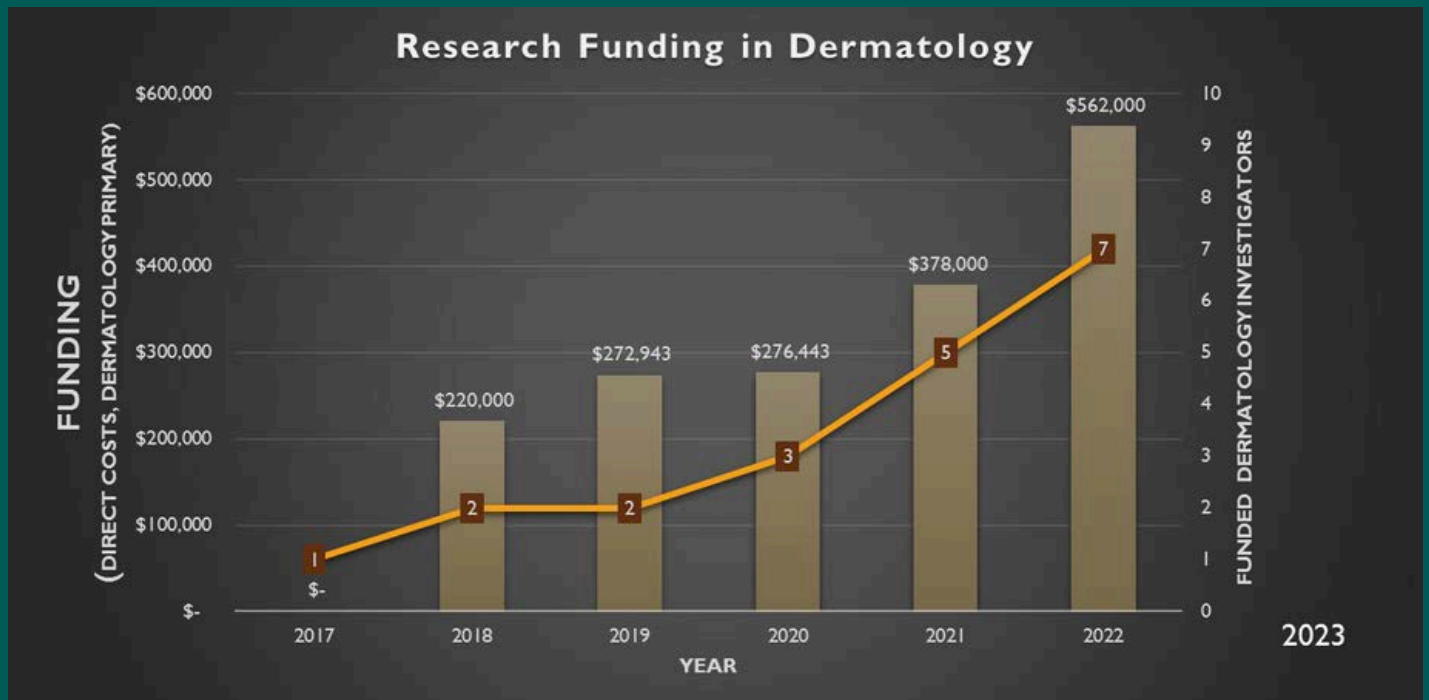
Matt Hayden, MD, PhD Vice Chair of Research



Grants and Other Funding

Over this first year as a department, we have increased our publication output and the number of submitted and funded grant applications. In addition to increasing the number of faculty principal investigators (PIs) on research grants, we have joined forces with PIs across the research community resulting in more funded collaborations with Dermatology faculty as co-investigators. Investigators in the department currently serve as PIs on multiple basic and translational research grants. This includes two Norris Cotton Cancer Center Prouty Pilot grants, two NIH COBRE pilot grants, and a research grant from the Dermatology Foundation.

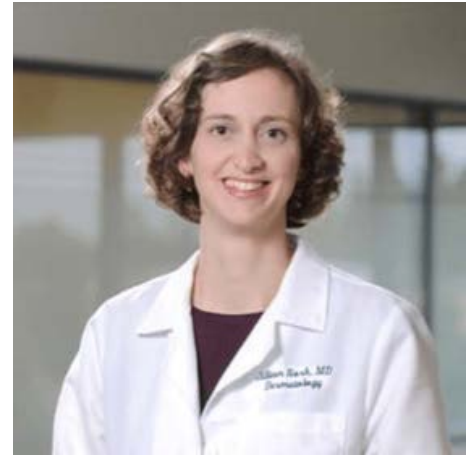
The rapid expansion of the total number of awards, dollars received, and, even more importantly, the number of departmental investigators demonstrates a very strong start for research in the new Department. Each of these successes furthers our mission to improve dermatology by contributing to basic, translational, and clinical dermatology research.



NIH Grant

Dr. Rork has received a \$300,000 NIH grant for her project titled: **Down Syndrome and Psoriasis: An Investigation of Cardiometabolic Risk**

This project is a novel study of psoriasis in individuals with Down syndrome (DS). Psoriasis is associated with increased cardiometabolic risk factors and cardiovascular disease in the general population; however, this association has never been explored in people with DS who are considered protected against cardiovascular disease. This study will use a population-level database to enhance our understanding of psoriasis in people with DS and explore if psoriasis could present an exception to their presumed cardiovascular disease resilience.



Dermatology Foundation Grant

Dr. Brian Simmons won a \$20,000 Dermatology Foundation Grant for CRISPR diagnoses of onychomycosis.

The Foundation's Research Grants provide financial support for research projects in dermatology and cutaneous biology that benefit the dermatology community at large.

-2022



Prouty Grant

We are excited to announce that Drs. Michael Shane Chapman and Arthur Petusseau along with co-investigators, Drs. Petr Bruza, Brian Pogue, Gabrielle Duprat, Iman Salem and Joshua Levy have been awarded the “The Prouty grant in the amount of \$60,000”.

The reviewers pointed out the following strengths: 1) Proposal is highly innovative and unique, 2) Highly skilled, translational and collaborative research team, 3) High potential for progression to extramural funding.

The project seeks to exploit the delayed fluorescence of protoporphyrin IX (PPIX) in tumor tissue and the ability to utilize this information to assess chronic tumor hypoxia and pressure induced transient hypoxia. The general technique, Pressure Enhanced Sensing Surgery (PRESS), was developed and patented by the collaborators from Thayer Engineering School at Dartmouth Health. The grant proposal is now seeking preliminary clinical data via this clinical dermatology- biomedical engineering collaboration.

Nonmelanoma skin cancers including basal cell carcinoma (BCC) and squamous cell carcinoma (SCC), are the target cancers for this study. They are the most common cancers in New Hampshire and Vermont. Our electronic medical records reveal that in the last six months more than 9,000 patients received a diagnosis of BCC or SCC.

By providing a non-invasive accurate and reliable diagnostic imaging method, this research aims to directly impact the local population's health by potentially replacing the need for tissue sampling while increasing early detection rates, facilitating timely treatment, help preserving normal healthy tissue around cancer and thereby reducing the physical and psychological burden of skin cancer.

Figure 1: Surgical field imaging platform

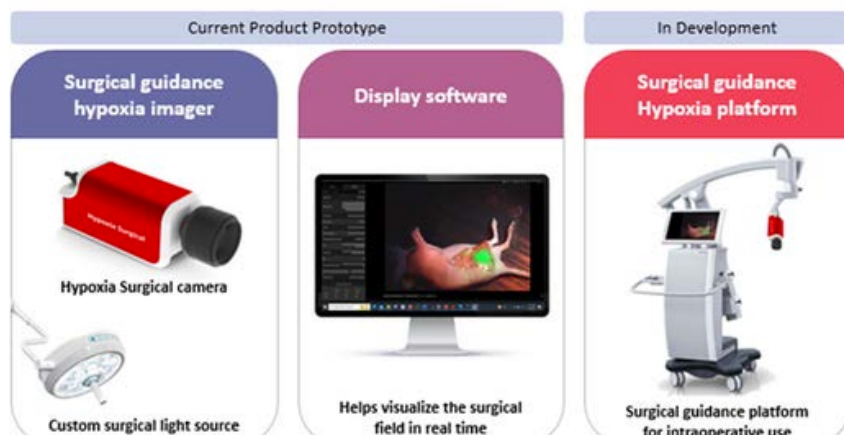
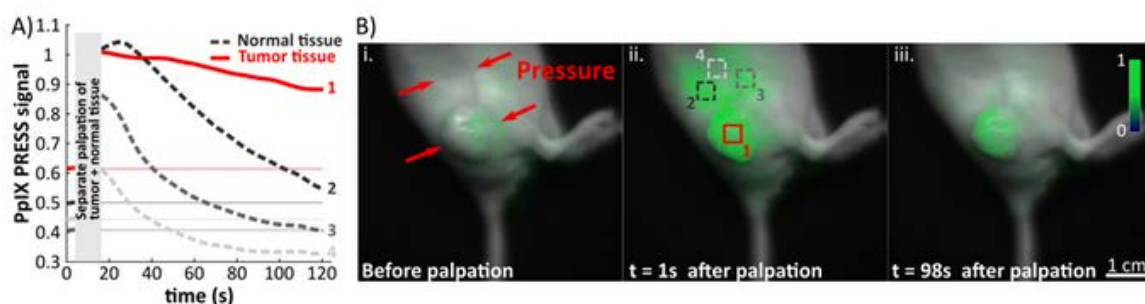
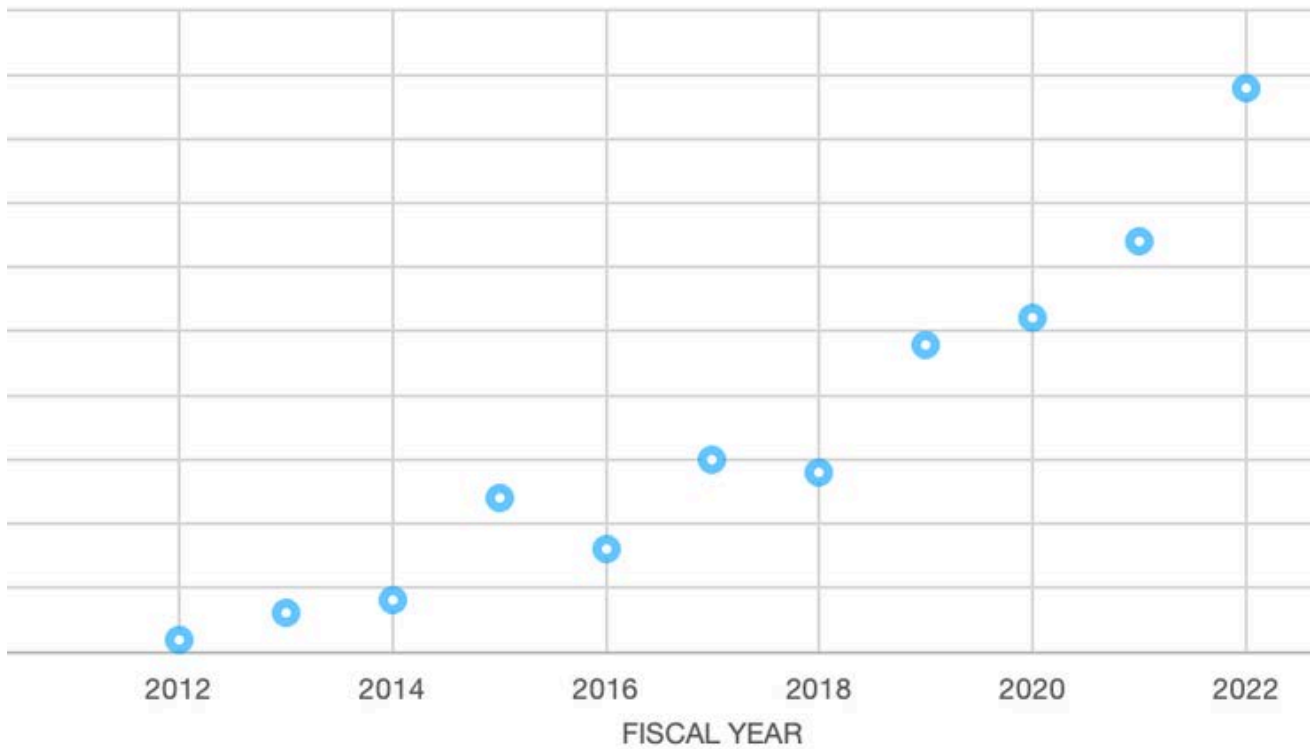


Figure 2: Preclinical data



Publications 2011-2023

Dermatology Publications
FY2012 to mid FY2023



COLLABORATION WITH DERMATOLOGY AND THE DEPARTMENT OF MEDICAL EDUCATION



Nicole Borges, PhD



Lynn Foster Johnson, PhD

Integration of Foundational Sciences and Clinical Content in Medical Student Education



Educating for Dark Skin Care

Geisel Professors [Lynn Foster-Johnson](#) and [Alicia Dagrosa](#), and medical students Chiamaka Okorie '24 and Shahin Shahsavari '25 will use their DIAD grant to address the limited diagnostic tools and training for dermatologic conditions in intermediate and dark skin types. A web-based resource called "Dart Derm" will provide more diverse dermatology instructional materials for medical student course curriculum. Most dermatology education websites present diseases on only lighter skin tones. The lack of comparative examples on darker skin can result in missed or incorrect diagnoses, insufficient knowledge of unique skin presentations, poor dermatological health outcomes, and increased overall health disparities for people of color. Foster-Johnson and Dagrosa will partner with the [Data Experiences and Visualizations \(DEV\) Studio](#) to develop a prototype and educational research plan for further NIH and NSF funding to bring "Dart Derm" to fruition.

COLLABORATION WITH
**DERMATOLOGY AND THE THAYER SCHOOL OF
ENGINEERING**



Katie Hixon, PhD
Skin Tissue Engineering



Brady Hunt, PhD
Smartphone Technology in Dermatology

COLLABORATION WITH
**DERMATOLOGY AND THE DEPARTMENT OF
MICROBIOLOGY**



Deb Hogan, PhD
Cutaneous Microbiome Project

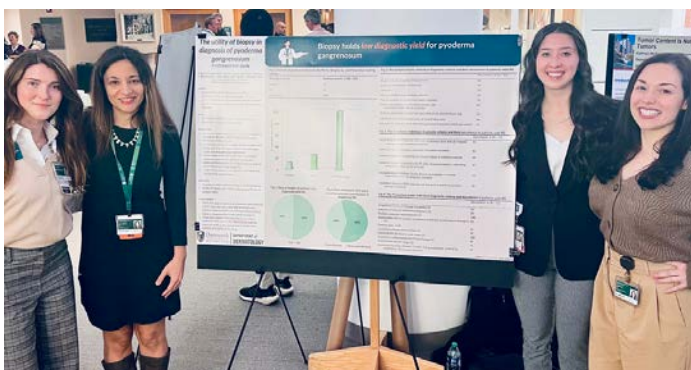
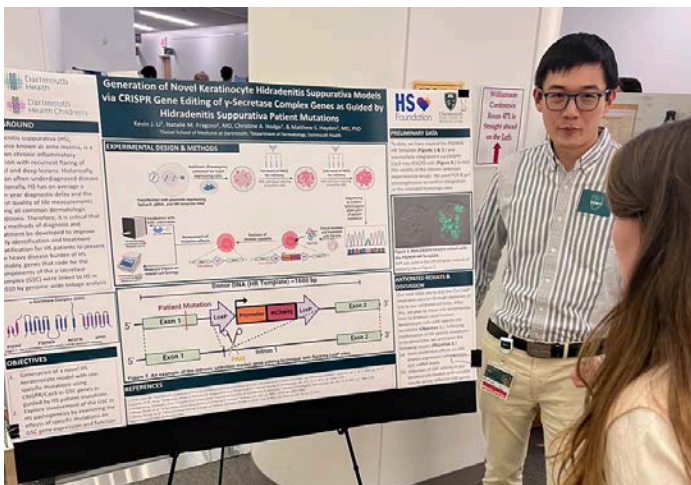
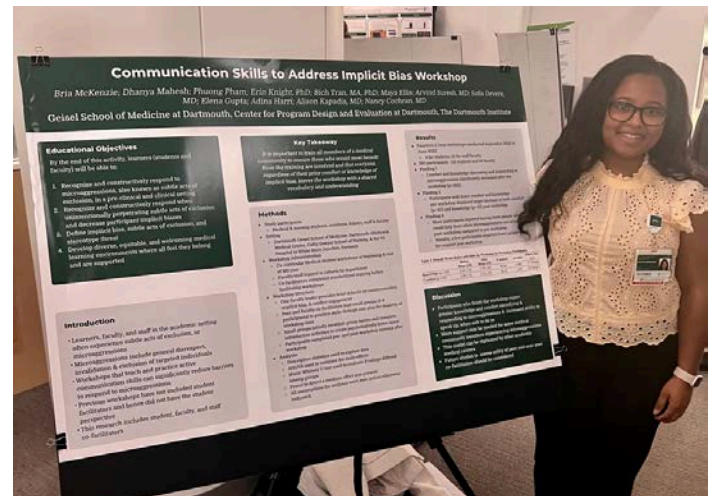


Dorothea Barton, MD
Cutaneous Microbiome Project

GEISEL RESEARCH POSTER PRESENTATIONS

NOVEMBER 1, 2023

Each year The Geisel School of Medicine at Dartmouth hosts a poster presentation night for current 2nd year medical students. This is their opportunity to showcase their summer projects. Below are photos of our medical students that collaborated with our faculty and residents on their projects.



DERMATOLOGY RESEARCH EVENING

FEBRUARY 28, 2023

Each year the Department hosts a research evening presenting the multiple projects, papers and research successes over the past year. Presentations range from short case reports to cutting edge technology and therapeutic improvements. Presenters are Geisel medical students, our own Residents and Faculty as well as others from outside of our Department. Here are a few examples of our research portfolio.

DERMATOLOGY RESEARCH EVENING

WEDNESDAY, FEBRUARY 28, 2024

AUDITORIUM C&D @ DHMC

5:00-5:30: Poster Preview

5:30-6:45: Presentations

6:45-8:00: Poster Viewing



PRESENTATIONS:

Zachary Peters, PhD Candidate, Skopelja-Gardner Lab, Dartmouth College

Immune checkpoint VISTA Suppresses Skin IFN- γ Production by Regulating DNA Damage Repair and Cytosolic DNA Sensing in Keratinocytes

Grace Crossland, MD/PhD Candidate, Skopelja-Gardner Lab, Dartmouth College

The Role of Mucosal-Associated Invariant T Cells in Inflammatory Skin Disease

Katherine Bradley, M-4, Geisel School of Medicine

Development of LAMP-CRISPR Point of Care Test for Identification of Dermatophytes in Onychomycosis

Marietta Saldias Montivero, MD/PhD Candidate, Levy Lab and Christensen Lab, Dartmouth Health/Cedars-Sinai and Dartmouth College

DNA Methylation Signatures Involved in Progression to Melanoma

Arthur Marka, PGY-4 Dermatology Resident

Educational Intervention for Evidence-Based Treatment of Cutaneous Squamous Cell Carcinoma

David Grand, PGY-3 Dermatology Resident

Lymphomatoid Drug-Induced Hypersensitivity Syndrome to Minocycline

Payal Shah, PGY-3 Dermatology Resident

A Novel Case of Reactive Perforating Collagenosis (RPC) with Cutaneous Infiltration of EBV+ Angioimmunoblastic T-cell Lymphoma (AITL)

Kristan Schiele, PGY-2 Dermatology Resident

A Case of Spontaneously Regressing Congenital Disseminated Pyogenic Granuloma: Highlighting Critical Stains in Vascular Tumors

Arthur Marka, PGY-4 Dermatology Resident

Pediatric Granulomatous Mycosis Fungoides Masquerading as Molluscum Dermatitis and Morphea

PAST DERMATOLOGY RESEARCH EVENING

MARCH 1, 2023

Auditorium C+D

4:00-5:00 Arrival and Poster Viewing

5:00-6:00 Presentations

6:00-7:00 Poster Viewing

M. Shane Chapman, MD, MBA
Professor and Chair of Dermatology

Message from the Chair

Matthew Hayden, MD, PhD
Assistant Professor of Dermatology and Vice Chair of Research, Dermatology

Opening Remarks

Keynote Address

Katherine Hixon, MD, PhD
Assistant Professor of Engineering, Thayer School of Engineering Dartmouth College

Tissue Engineering in Wound Healing and Skin Regeneration

Presentations

Dhruvil Patel, MD
PGY-4, Dartmouth Dermatology Resident
Lidocaine Injection; A Training to Improve Efficiency and Staff Satisfaction

Gabrielle Duprat, MD
PGY-4, Dartmouth Dermatology Resident
Evaluation of Protoporphyrin IX Levels Utilizing a Smartphone-based Handheld Dosimetry Device

Michelle Kerrigan, MD
PGY-4, Dartmouth Dermatology Resident
Reducing the Amount of Non-urgent Patient Phone Calls Placed After Hours in Dermatology through Patient Education

Matthew Davis, MD
PGY-3, Dartmouth Dermatology Resident
Educational Training Videos for Procedural Dermatology

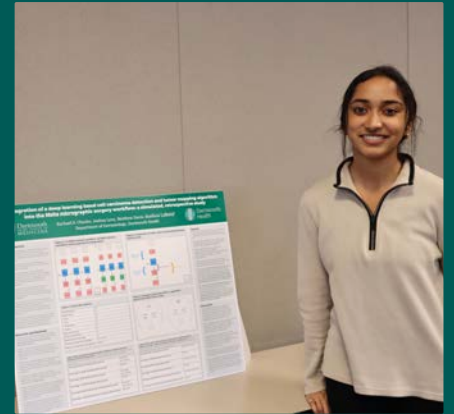
Karen Ly, MD
PGY-2, Dartmouth Dermatology Resident
Inhibitor Eruption Consistent with Lichen Planus and Hypertrophic Lichen Planus Associated with Squamous Cell Carcinomas



Top: Chenin Ryan, M3, Geisel
Bottom: James Feng, M3, Geisel



Top: Chiamaka Okorie, M3, Geisel
Bottom: Shahin Shahsavari, M3, Geisel



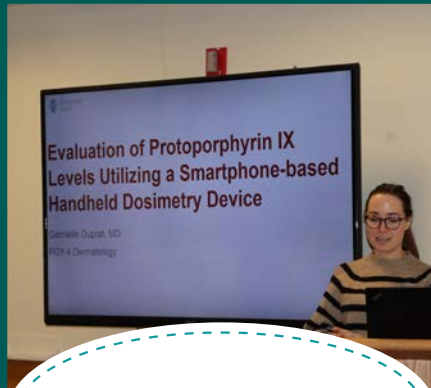
Top: Rachael Chacko, M3, Geisel
Bottom: Raven Bennett, M3, Geisel



Jamie Karp, M3, Geisel



Top: Karen Ly, MD, PGY-3
Bottom: Dhruvil Patel, MD, PGY-4



Top: Michelle Kerrigan, MD, PGY-4
Bottom: Gabrielle Duprat, MD, PGY-4



Top: Matthew Davis, MD, PGY-3
Bottom: David Grand, MD, PGY-2



M. Shane Chapman, MD, MBA
Professor and Chair, Dermatology



Katie Hixon, PhD
Assistant Professor of Engineering

PAST DERMATOLOGY RESEARCH DAY

2022

Brady Hunt, PhD

Data Scientist, Radiation Oncology, DHMC; Research Scientist, Thayer School of Engineering;
Instructor, Geisel School of Medicine at Dartmouth

A 3D Printed Smartphone Attachment for High-Resolution Fluorescence Dermoscopy

Andrew Scripture, MD PGY-4, DHMC Dermatology Resident

Improving Education in Dermatologic Procedures

Hayden Doughty, MD/MBA Candidate, Geisel Class of 2023

A Rare Presentation of Vesiculobullous Lyme Disease: A Case Series

Jessica Wilson, MD PGY-4, DHMC Dermatology Resident

Quality Improvement: Topical Vitamin C

Joshua Levy, PhD

Assistant Professor of Pathology and Laboratory Medicine, Dermatology and Epidemiology Dartmouth-
Hitchcock Medical Center and The Geisel School of Medicine at Dartmouth

Overview of the EDIT Machine Learning Internship

Zarif Azher, Thomas Jefferson High School for Science and Technology, Virginia

Brief Introduction to Machine Learning and Multimodal Modeling

Tarushii Goel, Akash Pamal, Irfan Nafi, Abhinav Angirekula, Thomas Jefferson High School for Science and
Technology, Virginia

Exploring Methods to Improve ArcticAI

Jack Greenburg, Middlebury College, Vermont

Detection of Underbilled Procedures in Pathology with Natural Language Processing

Jason Zavras, Dartmouth College

Assessment of Staining Reagent Variation for Deep Learning on Multi-Center Cohorts

Brody McNutt, MS, Recent Quantitative Biomedical Sciences Graduate, Geisel School of Medicine

Facilitating Inter-institutional Collaboration with Federated Learning

Marietta Montivero, Geisel MD-PhD student

Data Science from Medical Student's Perspective

Kelly Aschenbeck, MD, PGY-4, DHMC Dermatology Resident

Standardizing Medical Documentation Education in the Diverse Dermatology Clinic

PAST DERMATOLOGY RESEARCH DAY

2021

Department of Dermatology Student Research Presentations

March 17th, 2021 5:30 pm

Joshua J. Levy, Ph.D. Candidate, Guarini School, Quantitative Biomedical Sciences
Opportunities for Machine Learning Research

Frank Zhang, M.D. Candidate, Geisel Class of 2021
"Mango slice" Dermatitis: Pediatric allergic contact dermatitis to mango pulp and skin

Dylan Badin, M.D. Candidate, Geisel Class of 2021
Genetic Engineering for Drug Development

Cynthia Chan, M.D. Candidate, Geisel Class of 2021
Squamoid Eccrine Ductal Carcinoma: Report of Three Cases and Review of the Literature

Nicole Kordana, Ph.D. Candidate, Guarini School, Molecular and Cellular Biology
Genetic Engineering of CCR5: An Approach to Cure HIV

Keegan J. O'Hern, M.D. Candidate, Geisel Class of 2021
Isothiazolinones Common in Children's Toy Slime

Catherine Baker, MD, PGY1, Brigham and Women's Hospital, Geisel Class of 2020
Leveraging CRISPR-Cas12a for the Detection of HTLV-1

Daniel Cho, Dartmouth College Class of 2022
Improved Delivery of Gene Editing Technologies with AAV

Julia Hoffman, Presidential Scholar, Dartmouth College Class of 2022
Rapid Identification of Dermatophytes

Research Programs

CRISPR for Virus Editing

Cutaneous Microbiome

Melanoma In-situ Treatment

Inpatient TeleDermatology

Quality Improvement as a Weapon

Medical Student Teaching Initiative

Specialty Clinic Research

Down Syndrome Multi-Disciplinary Clinic

CLINICAL TRIALS

The department continues to partake in clinical trials in a variety of disease states despite the COVID-19 pandemic. We strive to provide access for patient to trials for conditions without FDA approved treatments such as hidradenitis suppurativa, prurigo nodularis and non-invasive treatments for skin cancers. At present we have multiple open and new studies coming online in the upcoming months for disease such as: psoriasis, atopic dermatitis, Hidradenitis etc.

The clinical trials arm of the department continues to grow with the addition of a dermatology research fellow this summer and a new clinical trials coordinator. I continue to meet with both large and small pharmaceutical companies to discuss potential future clinical trials leveraging our faculty expertise and niche patient populations seen in our 12 specialty clinics. We are excited for the future to provide high quality clinical trials options to our patients and excellent data for our industry partners to bring new and exciting treatments to market



Brian Simmons, MD, Director of clinical Trials

CURRENT CLINICAL TRIALS

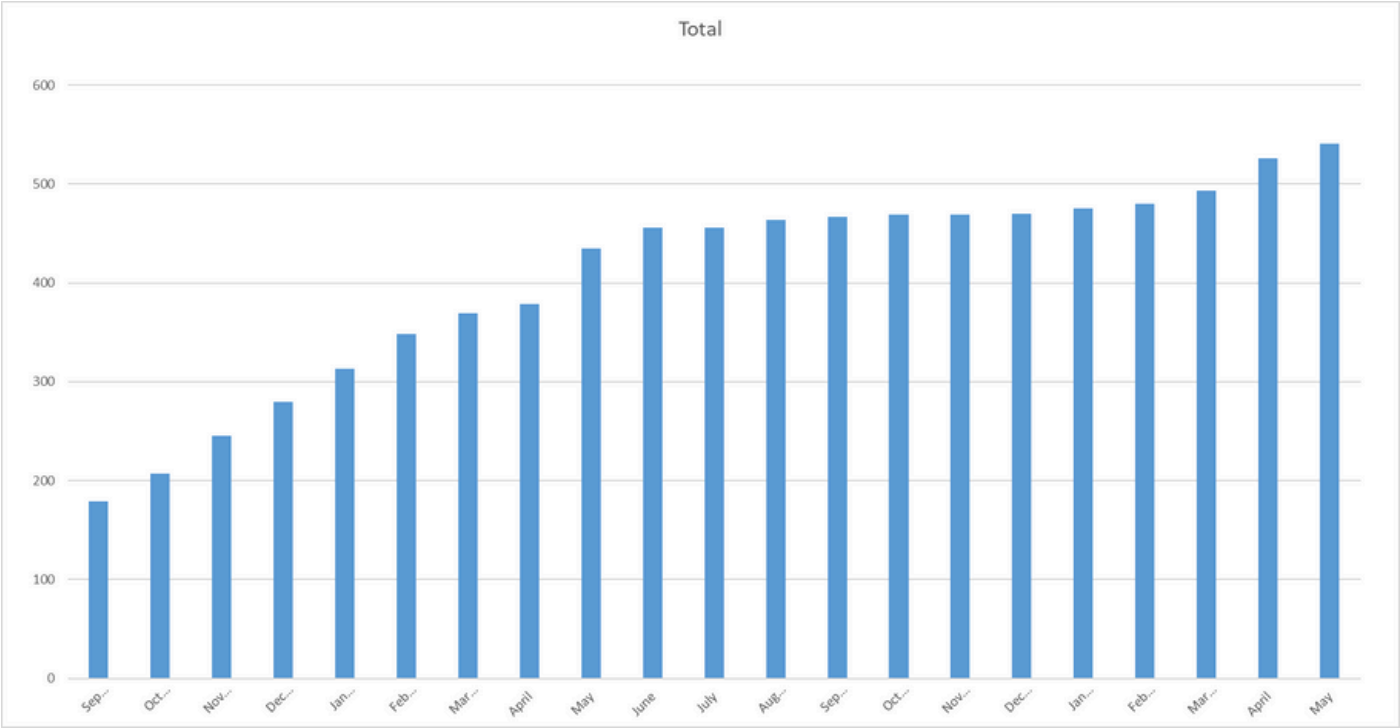
Study Desc & Status	Skin Condition	Investigational Product
AbbVie M16-047 Long term follow up	AD	Oral Upadacitinib
Target Derm Enrolling	AD, HS, AA, SCU	N/A
CRISPR Enrolling	Onychomycosis	N/A
Microbiome Enrolling	All Dermatological Conditions	N/A
Acelyrin HS 3b Closed to enrollment	HS	Izokibep, Injection
Eli & Lilly J2T-MC-KGBJ 6+ Closed to enrollment Still enrolling for 2-6 years	Atopic Dermatitis	
Takeda Opening very soon	Psoriasis	Oral TAK-279-3001
Smart Practice	Metal Allergens Study	N/A

CLINICAL TRIALS GROWTH



Overall Enrollments per month

Total (Start 2022)	
September	179
October	207
November	245
December	280
January	313
February	348
March	369
April	379
May	435
June	456
July	456
August	464
September	467
October	469
November	469
December	470
January	475
February	480
March	493
April	526
May	541



AWARDS

Innovations in Quality Improvement Award



Dr. Julianne Mann, is the 2024 recipient of the American Academy of Dermatology's Innovations in Quality Improvement Award for her work supporting dermatologists to get their chart notes signed during the work day. Many physicians spend 1-2 hours every evening (and on weekends) on the electronic health record completing chart notes that they were unable to sign during the busy clinics. This after-hours charting work interferes with rest and personal relationships and is one of the largest drivers of physician burnout. Physician burnout has reached record rates in the United States and is responsible for many physicians leaving the workforce or retiring early. Dr. Mann organized a two-part intervention for Dermatology faculty and residents to address this challenge: 1) Three sessions of group professional coaching delivered by a physician coach, followed by 2) Clinic workflow redesign led by physician-nurse dyads to support physicians to sign their notes in real time during clinic. Same-day chart completion rates, evening and weekend charting hours, and team morale were tracked before and after the intervention. Average same-day chart completion rates rose from a baseline rate of 51% to 83% over the 6 months following the intervention, and there was a significant reduction in weekend and evening charting hours by physicians in the department.

The Faculty Excellence in Career Advising Award

This award Recognizing a faculty specialty adviser for outstanding work in advising students during the residency application process, and in facilitating student professional development throughout their time at Geisel.



The Hitchcock Foundation Award



Katherine Bradley, M4, Geisel was awarded the Hitchcock Foundation Award!

The purpose of this award is to recognize academic excellence, increase awareness of research opportunities, encourage students to enter the field of biomedical research, and reward the best project with a cash prize. The award is designed to support a graduate or medical student's research project.

Katherine received this award for her project titled: Development of LAMP-CRISPR Assay for Identification of Dermatophytes in Onychomycosis

Student of Merit Award

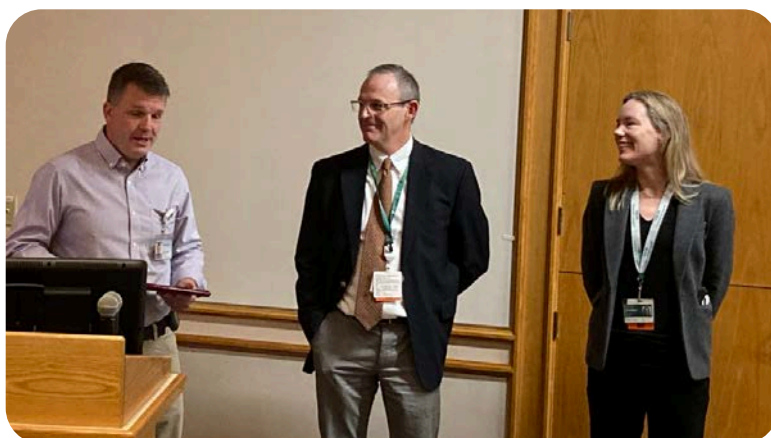


Chiamaka Okorie, M4, Geisel was awarded the Student of Merit Award on Martin Luther King Day for her role in fostering volunteers to accompany newly arrived refugees in the Upper Valley to their health/clinic appointments. This is in collaboration with community oartners Community Care of Lyme and Supporting and Helping Ashleee & Refugees (SHARe)
-2023

Department Research mentoring Award

The Department of Dermatology was awarded the Geisel School of Medicine Department Research Mentoring Award for being the department that best exemplifies the advancement of medical student research.

Dr. Timothy Gardner (left) presented the award to Chair, Dr. Shane Chapman (center) and Director of Medical Student Education, Dr. Alicia Dagrosa (right)



Baughman Teaching Award



Dr. Alicia Dagrosa was the recipient of the 2023 Richard Baughman Teaching Award. This award represents the Dermatology Faculty member that has nurtured, mentored and authentically cared for the Dermatology residents and resident teaching at Dartmouth Hitchcock Medical Center, with their time, energy and dedication.

Excellence in Nursing Leadership Award



Caitlin Yazel, APRN, Dermatology Nurse Manager received the Excellence in Nursing Leadership award during Nurses Appreciation Month in 2022. She was presented this award for her outstanding leadership skills and ability to engage our nursing staff.
-2022

Medical Assistant of the Year Award



Gabriella Sapp, MA was awarded the Medical Assistant of the year award. She was granted this award for her work on creating a competency for MA's to inject lidocaine in our clinic.
-2021

COMMUNITY SERVICE

Ojibwe Tribe: Sun Protection/Safety



In collaboration with the Boise Forte tribe, Geisel School of Medicine, and L'Oreal, we were invited to provide sun safety and skin cancer education at the Boise Forte Powwow. Dr. Glass and two Geisel Medical Students, Chenin Ryan and Rich Rosato, provided printed and culturally sensitive educational materials on sun safety and skin cancer and distributed samples of tinted mineral sunscreen donated by L'Oreal to adults and children. It was also an opportunity to talk to people directly about their skin, their skin cancer risks, how to use tinted sunscreens on skin of color, and other sun protection tools. Dr. Glass and the medical students are taking lessons learned to develop more targeted and culturally relevant media campaigns to powwows in the Ojibwe Nation and at Dartmouth.

Good Neighbor Health Clinic



In collaboration with the Good Neighbor Health Clinic and Geisel School of Medicine, Dartmouth dermatology faculty staff a monthly, medical student organized, referral-based community outreach specialty clinic for Good Neighbor Clinic patients. It's primary objective is to provide dermatology care to underserved patients who cannot otherwise afford medical and dental care. The secondary objective is to teach interested medical students about Dermatology history taking, examination, terminology, disease pathology, and biopsy technique-in a clinic setting. This is an opportunity for medical students to take a more direct and interactive role in the care of patients

COMMUNITY SERVICE

Oasis Teen Shelter



Faculty, residents and medical student volunteers have made multiple visits to the Oasis Teen Shelter in Claremont NH. Oasis has six generously-sized bedrooms, four full bathrooms, an office, common living space and two kitchens. They house individuals ages 16-21 (and their infant children, if applicable) while supporting their own educational growth, mental health, well-being and preparedness to transition into adulthood. Our volunteers have gone to Oasis to teach about self-care and wellness, personal hygiene basics, and interview and social skills. We provide dinner for the teens as well as personal hygiene samples.



Bill S. 187 Passed in Vermont



Congratulations to our Geisel Senior and future DHMC Dermatology Resident, Jamie Karch! Jamie's diligent efforts have paid off as Bill S.187 has been successfully passed with the support of the Vermont legislature. This significant achievement means that students in Vermont schools will now have the freedom to apply sunscreen, a practice previously restricted. The journey to this accomplishment was long and challenging, but we're thrilled that Governor Phil Scott recognizes the vital role sunscreen plays in safeguarding our youth. Exceptional work, Jamie! Onward to New Hampshire!



COMMUNITY SERVICE

Dartmouth College Certified as a Skin Smart Campus

In October 2023, the National Council on Skin Cancer Prevention presented the platinum level Skin Smart Campus Award to Dartmouth College. This award recognizes Dartmouth's commitment to supporting the physical wellness of the campus community through environmental and educational preventative methods. Dartmouth pledges to keep indoor tanning devices off the campus and out of all affiliated buildings. In addition, Dartmouth promotes skin cancer prevention and UV safety education.

The journey to join the Skin Smart Campus Initiative (SSC) began when Jamie Karch, RN, BSN, then a

second-year medical student at the Geisel School of Medicine at Dartmouth, encountered this initiative during her research on methods of advocating for healthy skin habits. Her introduction to the initiative stemmed from her active involvement in Dartmouth's Dermatology Interest Group (DIG), where she serves as the Director of Community Outreach.

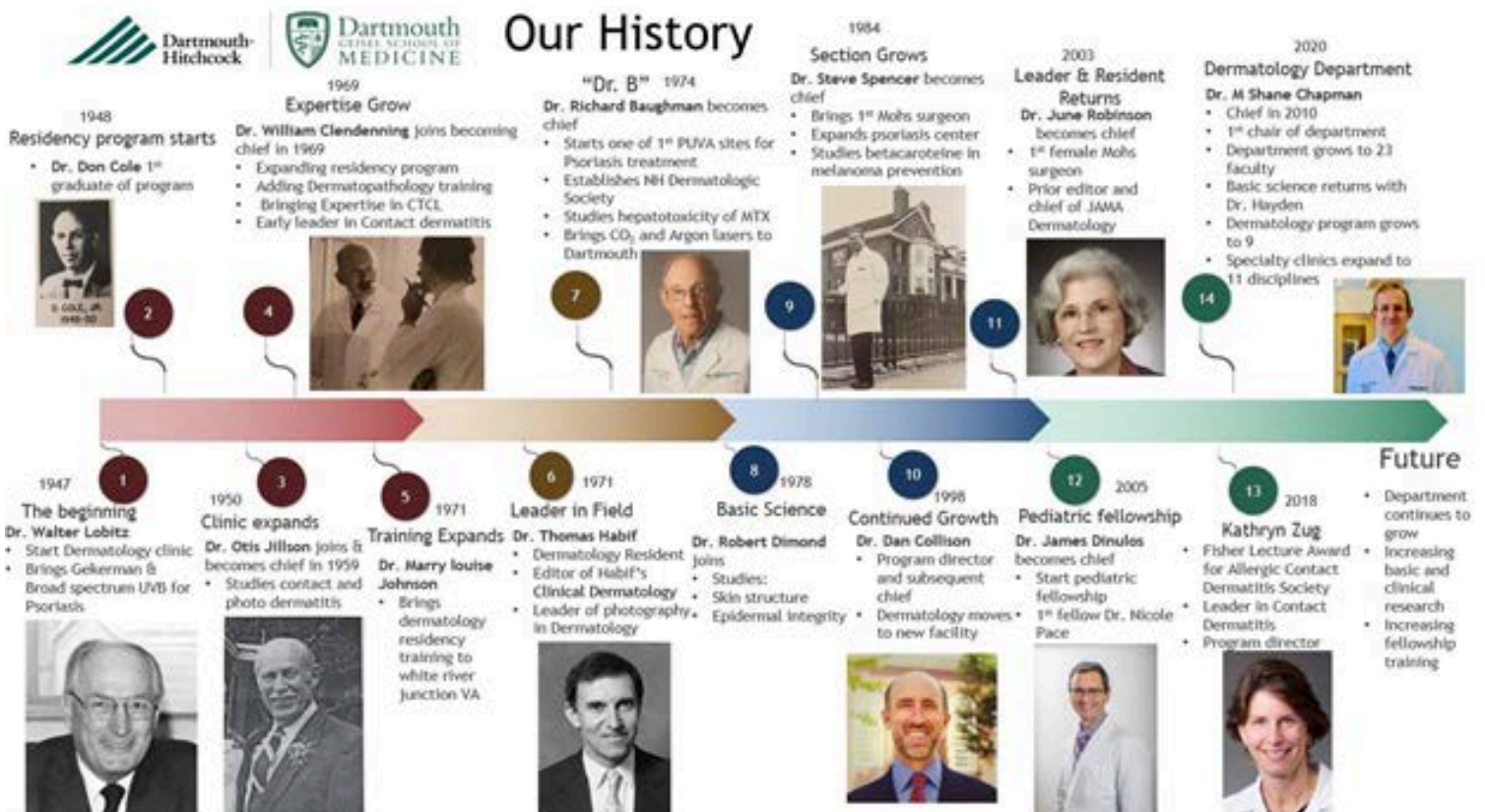
The Skin Smart Campus Initiative appealed to Jamie as an ideal platform for Geisel to expand its engagement in the Dartmouth community, with a focus on emphasizing the importance of sunscreen application and promoting healthy skin practices.

The National Council on Skin Cancer Prevention's esteemed Platinum Award includes two complimentary sunscreen dispensers and the first year's supply of sunscreen. Building upon this recognition, in collaboration with VTAAC and the Dartmouth Cancer Center, an additional sunscreen dispenser has been acquired, bringing the total to three. These dispensers are now installed at the Ledyard Canoe Club, the swim dock, and the Dartmouth Skiway, thanks to the dedication of the Skiway's General Manager, Mark Adamczyk, and Dartmouth Outing Club's General Manager, Rory Gawler, who oversaw the installation and maintenance of the dispensers.

The initiative was further made possible by the generous funding from the Joe O'Donnell Fund, enabling two years' worth of sunscreen refills for all dispensers. Acknowledgement extends to the dedicated efforts of Chiamaka Okorie, a fourth-year medical student at Geisel, and Christopher Fey, a fourth-year medical student at UMass.



OUR PROGRAM'S HISTORY



Creation: The Lobitz and Jillson Years (1947-1967)

Dr. Walter C. Lobitz Jr. played an integral role in the inception of Dartmouth's dermatology program. Born in 1911 in Cincinnati, Ohio, he enrolled in medical school at the University of Cincinnati. Soon after beginning his medical training, he developed a severe case of generalized morphea, forcing him to withdraw from his studies for three years. His personal experience of dealing with a skin disease and his penchant for visual learning ultimately led him to pursue dermatology as his medical focus. After completing a residency in internal medicine at Cincinnati General Hospital, he joined the Mayo Clinic as a dermatology fellow. Despite an enticing offer to remain at the Mayo Clinic to head a new research division, Dr. Lobitz chose to create a dermatology program in Hanover, New Hampshire. Dermatology at the Hitchcock Clinic was founded in 1947 and organized in a similar fashion to the Mayo Clinic. Aside from a New York City-based dermatologist who visited Burlington, Vermont, one day a month, Dr. Lobitz became the only full-time dermatologist between Boston and Montreal. Dr. Lobitz was also an enthusiastic mentor for the Dartmouth residents. In the words of one former Dartmouth dermatology resident, Dr. Richard Baughman, Dr. Lobitz was described as a "one-man band whose greatest strength was his ability to recruit and bring out the best in people."

In 1949, Dr. Lobitz met Dr. Otis F. Jillson during a visit to the Togus (Maine) VA facility. The pair created a friendship, and after a fortuitous Nor'easter snowed them in, Dr. Lobitz convinced Dr. Jillson to join the Dartmouth program. Dr. Jillson trained in Boston and New York City and had a background in immunology, mycology, and contact dermatitis. He excelled as both a clinician and a teacher. Together, they established a residency training program and inpatient dermatology at Winifred Raven House, the program's flagship, emphasizing psoriasis treatment with tar and ultraviolet radiation. As a testament to the leadership skills of Dr. Jillson and Dr. Lobitz, four of their first 18 residents would go on to become heads of dermatology programs at institutions around the country.

Although the dermatology program was flourishing, Dr. Lobitz departed in 1959 due to research limitations. He would go on to become the head of dermatology at the University of Oregon Medical School (now The Oregon Health and Sciences University) and a prolific leader within the field of dermatology both nationally and internationally. Dr. Jillson would later return to individual practice in his beloved state of Maine.

Consensus: The Baughman-Clendenning-Spencer Era (1968-1998)

After Dr. Jillson's departure, Dr. William Clendenning was recruited from Case Western Reserve to head the program. He brought his expertise in Cutaneous T-Cell Lymphoma and Dermatopathology from Cleveland via the NIH. He was also an active member of the North American Contact Dermatitis Group and developed a series of exposure lists to common contact allergens, which members of the American Academy of Dermatology widely used. By the early 1970s, the Dartmouth residency had doubled in size to 6 residents under his leadership. The dermatopathology service was formalized, and the Winifred Raven House inpatient dermatology area was redesigned to be a new 16-bed self-contained unit. In 1973, Dr. Clendenning resigned from his administrative duties and chose to fully devote his time to clinical practice, research and teaching, and inpatient dermatology.

Dr. Richard Baughman, a graduate of the program in 1964, became the new chair the following year. Dr. Baughman introduced photochemotherapy (PUVA) and Cyclosporin for psoriasis, established outreach clinics, extended activities at the VA hospital, introduced dictation and transcription of records, and went on to establish the New Hampshire Dermatologic Society. Dr. Stephen Spencer, having come from the Mayo Clinic in 1970, became chairman in 1983 and brought the program into the modern surgical arena with the addition of Mohs surgery through the expertise of Dr. Christine Miller and Dr. Dan Collison. Dr. Spencer broadened the program's surgical aspects with a transition away from inpatient medical dermatology. Dr. Spencer also planned clinic facilities as the new hospital and clinic were erected in Lebanon. The trio of Clendenning, Baughman, and Spencer functioned effectively and fostered an era of harmony and growth.

Change: The Collison-Robinson-Klaus-Dinulos Era (1998-2010)

Dr. Dan Collison was the program's first full-time dermatologic surgeon and had a 5-year term as section chief. Recruited from Henry Ford Dermatology in Detroit, he strengthened Mohs and non-Mohs surgery, and his computer literacy softened the introduction of the electronic medical record. However, as his term closed, administrative lapses delayed the recruitment of new leadership. Dr. June Robinson, the first female graduate of the program and the first female fellowship-trained Mohs surgeon, was eventually recruited to develop a dermatology research program and facilitate achieving department status. Unfortunately, due to a lack of support for those expectations, she left the program to continue her research and editorial activities in Chicago.

Dr. Sid Klaus, an expert in pigmentary disorders and tropical medicine, served briefly as interim Section Chief for two years. Then, Dr. James Dinulos, the program's first pediatric dermatologist, was appointed acting Section Chief and established a pediatric dermatology fellowship. However, due to a decade of central institutional administrative inattention, the dermatology program underwent a total in-depth review and was transferred from the Department of Medicine to the Department of Surgery. From this event, the department began to strive towards fulfilling the criteria for full-department status.

Culminations: The Present (2011-2022)

From a national search, one of Dartmouth Dermatology's own graduates, Dr. Shane Chapman, was selected as Section Chief in 2010. Dr. Chapman earned his MBA from MIT, and through his leadership skills, he unified the program. He orchestrated the expansion and move of the program to Heater Road and facilitated the program's transition from the Department of Surgery to a stand-alone Department of Dermatology in 2020. The current faculty has grown to 15, with 2 Mohs surgeons and 2 Pediatric Dermatologists. The residency, which began in 1948 with one resident, has now grown to 9 residents. By the end of 2022, the department will have graduated 114 dermatologists. Although a lot has changed over 75 years, the program continues to focus on providing excellent patient care, fostering a positive educational environment for residents and medical students, and advancing care through basic science and clinical research.

SPECIAL EVENTS

Melanoma May Skin Cancer Screening Day

Melanoma Monday

SPOTS Program

50k Celebration

Physical Diagnosis Day

Prouty

CHaD Hero

Dermatology Olympics

Halloween in Dermatology

Holiday Party

Solar Eclipse 2024

MELANOMA MAY SKIN CANCER SCREENING

2024

On Wednesday, May 8, 2024 the Department of Dermatology conducted its 7th annual Free Skin Cancer Screening. This year volunteers screened the Lebanon and Hanover Fire Departments for Melanoma and Skin Cancer Awareness Month.



MELANOMA MAY SKIN CANCER SCREENING

2023

On Wednesday, May 31st, 2023 the Department of Dermatology conducted it's 6th annual Free Skin Cancer Screening. This year their volunteers screened the employees of Lebanon Middle School for Melanoma and Skin Cancer Awareness Month. The middle school has graciously allowed our Geisel medical students to teach their health classes on the important of sun protection. This was our opportunity to thank them for welcoming us into their community and further educate the teachers as well.



MELANOMA MAY SKIN CANCER SCREENING

2022

On Wednesday, May 18th, 2022 the Department of Dermatology conducted it's annual Free Skin Cancer Screening for the Hanover Fire and Police Departments for Melanoma and Skin Cancer Awareness Month. The skin screening event was founded by Alumni, Joanny Paul, MD. The Department of Dermatology continues this annual event in honor of Jerryl Frankenfield Sr. who had a 42 year career with the Hanover Fire Department holding various roles. Jerry passed away from Melanoma September 13, 2015. Jerry's wife Pat is a Melanoma screening activist & supports awareness of the importance of sun protection.

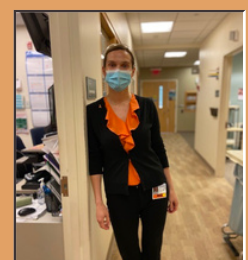
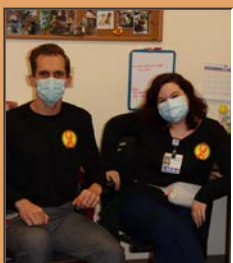




MELANOMA

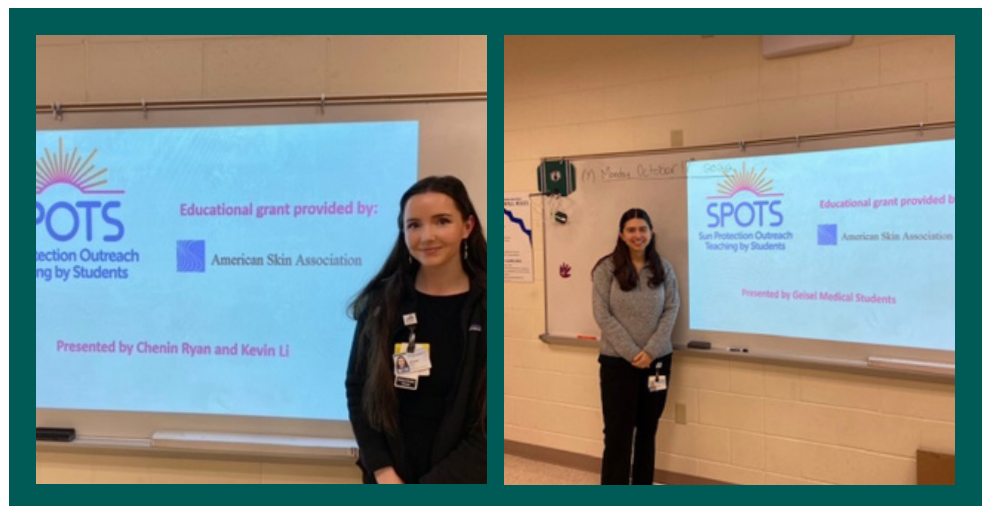


MONDAY



SPOTS

Members from our D.I.G (Dermatology Interest Group) volunteered to teach students at the Lebanon Middle School on sun protection and skin cancer prevention, through the SPOTS program. They taught over 12 health classes throughout the year!





DERMATOLOGY HITS 50K!

In July 2021 the Department of Dermatology reached 50,000 patient visits for that fiscal year. Staff celebrated with having a 50's themed ice cream social.

Calendar Year	Appointments
2012	23285
2013	28064
2014	31490
2015	41996
2016	48257
2017	51627
2018	49189
2019	45840
2020	42641
2021	54056

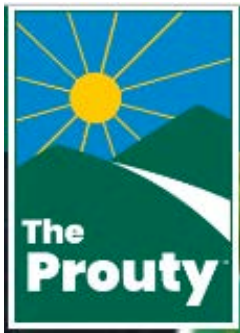


PHYSICAL DIAGNOSIS DAY

The teaching continued with welcoming Geisel Medical Students for our annual Physical Diagnosis Day. This is a great opportunity for the students to learn about and see skin conditions in real time. This educational day was planned by Dr. Alicia Dagrosa and our Faculty and Residents participated in the teaching.



THE PROUTY 2023



DERMATOLOGY OLYMPICS HOLIDAY THEME!

2023



Team Halloween



Team Valentines Day



Team 4th of July



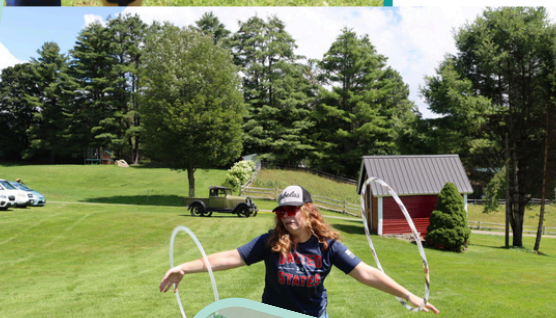
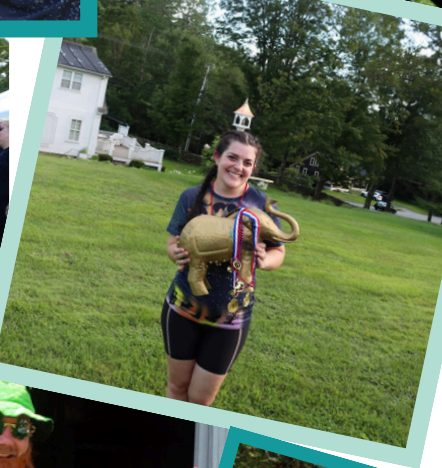
Team Thanksgiving



Team St. Patrick's Day



Team New Years



DERMATOLOGY OLYMPICS DECADE STYLE!

2022



Team 1920's



Team 1950's



Team 1960's



Team 1980's



Team 1990's





CHAD HERO 5K

The CHaD HERO is a fundraising and athletic event benefiting CHaD: Children's Hospital at Dartmouth-Hitchcock. Each year the Department of Dermatology organizes a team to raise money and compete in various races in Hanover, NH. It was a great turnout this year and we were able to raise \$3374.00





HALLOWEEN IN DERMATOLOGY



HOLIDAY PARTY

2023



SOLAR ECLIPSE

2024



OUR DEPARTMENT OF DERMATOLOGY ALUMNI



DEPARTMENT PHILANTHROPY

PHOTO BY: JEAN HENRY

PHILANTHROPY

OUR DEPARTMENT IS GROWING AND WE NEED YOUR SUPPORT

The Dartmouth Hitchcock Medical Center (DHMC) Dermatology Residency Program

is expanding, and your financial support can make a difference in the education and research capabilities of our residents.

The Dermatology Residency Program Fund now supports nine residents and three fellows, making it possible for them to participate in many activities that augment their education. Your donation will support resident participation in:

Conferences: These events provide opportunities for researchers to present their posters. The fund offsets the expenses for statistical assessments, airfare, hotel, meals and poster printing.

Research analysis: Statisticians help residents analyze the results of their research, a crucial element in the advancement of medicine. This assistance can cost more than \$1,000 per month; the fund supports ongoing resident and statistician collaboration.

Publishing: In our digital age, a journal may accept a resident's paper and charge a steep fee to publish it. Donations to the fund support the publishing of resident research.

These are only a few examples of how the Dermatology Residency Program Fund fosters Dermatology residents' education and development.

To discuss making a gift in support of DHMC dermatology residents, contact Dorothy Behlen Heinrichs, the director of Patient and Family Giving, at Dorothy.B.Heinrichs@Hitchcock.org or 203-257-2689.

Richard Baughman, MD, HS'60-64, is proud that the Department of Dermatology has become a stand-alone department at Dartmouth Hitchcock Medical Center.

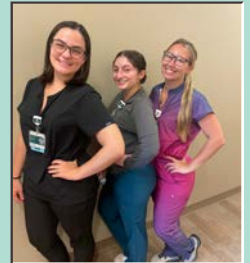
A GIFT FROM RICHARD BAUGHMAN

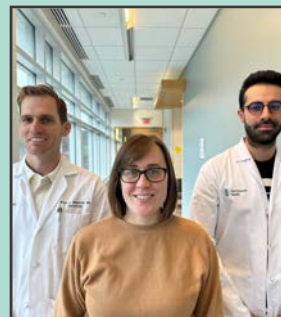
Richard (Dick) Baughman, MD, HS'60-64, an emeritus professor of Dermatology, made a bequest of \$25,000 in his will for two reasons: to show his gratitude and to advance the future of the Department of Dermatology. He hopes other graduates—and anyone who values dermatology education—will join him in supporting the department in their gift planning.

"I am so grateful to the dermatology program at DHMC for the education I received," Baughman said. "I wanted to make a pledge to show the importance of the whole specialty program within the medical center and achieving recognition for what we have accomplished. I encourage other graduates, faculty and potential donors to contribute to the future of the department like I did."

"I am so grateful to the dermatology program at DHMC for the education I received."

Richard (Dick) Baughman, MD, HS'60-64





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