

# Thomas P. Scharnitz, M.D.

Dermatology and Laser Center of Charleston  
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## EMPLOYMENT

**Dermatology and Laser Center of Charleston; Charleston, SC** (August 2020-current)  
Dermatology Physician, Board Eligible Dermatologist

## EDUCATION AND TRAINING

**Michigan Medicine at The University of Michigan; Ann Arbor, MI** (July 2017-July 2020)  
Resident Physician in Dermatology (PGY-2 through PGY-4)  
*Chair of Dermatology: John Voorhees, MD, FRCP and Christopher Bichakjian, MD*  
*Program Director: Yolanda Helfrich, MD*

**University of Virginia Health Systems; Charlottesville, VA** (June 2016-June 2017)  
Resident Physician Intern in Internal Medicine (PGY-1)

**The Pennsylvania State University College of Medicine; Hershey, PA** (August 2012-May 2016)  
Doctor of Medicine; graduated May 2016

**The Pennsylvania State University; University Park, PA** (August 2008-May 2012)  
B.S. in Biology, Minor in Sociology; graduated May 2012

## PROFESSIONAL MEMBERSHIPS:

American Academy of Dermatology (AAD)  
American Society for Dermatologic Surgery (ASDS)  
South Carolina Academy of Dermatology and Dermatologic Surgery (SCADDS)  
National Psoriasis Foundation (NPF)

## PUBLICATIONS AND PRESENTATIONS

### PEER-REVIEWED PUBLICATIONS:

- *(publication pending)* **Scharnitz, T.**, Koeppe, E, Cha, KB, Else, T. 2020. “Hereditary Leiomyomatosis and Renal Cell Cancer (HLRCC): a retrospective cohort study from a large academic institution”. 2019.
- **Scharnitz, T.**, Eilers. R., Gudjonsson, J., Hristov, A. “Diffuse cutaneous acanthamoebiasis in an immunodeficient patient”. Abstract, Journal of the American Academy of Dermatology
- Runge M, Williams K, **Scharnitz T**, et al. Iodine toxicity after iodinated contrast: New observations in iododerma. JAAD Case Rep. 2020;6(4):319-322.
- Novice T, Kariminia A, Del bel KL...**Scharnitz, T**, et al. A Germline Mutation in the C2 Domain of PLCγ2 Associated with Gain-of-Function Expands the Phenotype for PLCG2-Related Diseases. J Clin Immunol. 2019

- Tejasvi, T, Plaska, A, Ellis, C, Hesseler, M, **Scharnitz, T**. “Incidental melanoma detection following teledermatology consult”. Abstract, Journal of Investigative Dermatology, May 2019 Chicago; Abstract, World Congress of Dermatology, June 2019 Milan.
- Kirby JS, **Scharnitz T**, Seiverling EV, Ahrns H, Ferguson S. Actinic Keratosis Clinical Practice Guidelines: An Appraisal of Quality. *Dermatol Res Pract*. 2015;2015:456071.
- Lee YH, **Scharnitz T**, Muscat J, Chen A, Gupta-Elera G, Kirby JS. Laboratory Monitoring During Isotretinoin Therapy for Acne: A Systematic Review and Meta-analysis. *JAMA Dermatol*. 2016;152(1):35-44.
- Seiverling E, Foulke G, **Scharnitz T**. Annular Scaly Plaques. *Am Fam Physician*. 2016;93(10):865-6.

#### **ADDITIONAL PUBLICATIONS:**

- **Scharnitz, T**. “Focus on Psoriasis: A report from the 2019 European Society for Dermatological Research (ESDR) meeting. “The Mechanistic Model(s) of Psoriasis: Autoimmune and/or Autoinflammatory?”. September 2019. *International Psoriasis Council*. ([https://www.psoriasisCouncil.org/2019\\_esdr\\_congress\\_report.htm](https://www.psoriasisCouncil.org/2019_esdr_congress_report.htm))
- **Scharnitz, T**. “A scientific symposium presented by IPC’s research committee at the 2019 Society for Investigative Dermatology (SID) annual meeting”. July 2019. *International Psoriasis Council*. ([https://www.psoriasisCouncil.org/docs/ipc\\_review\\_2019\\_july\\_final\\_for\\_distribution.pdf](https://www.psoriasisCouncil.org/docs/ipc_review_2019_july_final_for_distribution.pdf))
- **Scharnitz, T**. “Focus on Psoriasis: A report from the 2018 European Academy of Dermatology and Venereology Congress in Paris, France”. IPC Website; Psoriasis Review Newsletter December 2018. *International Psoriasis Council*. ([https://www.psoriasisCouncil.org/2018\\_eadv\\_congress\\_report.htm](https://www.psoriasisCouncil.org/2018_eadv_congress_report.htm))
- **Scharnitz, T**. “Focus on Psoriasis: A report from the 7<sup>th</sup> International Investigative Dermatology (IID) 2018 Meeting”. IPC Psoriasis Review Newsletter July 2018. *International Psoriasis Council*. ([http://www.psoriasisCouncil.org/docs/ipc\\_review\\_2018\\_july\\_final\\_for\\_distribution.pdf](http://www.psoriasisCouncil.org/docs/ipc_review_2018_july_final_for_distribution.pdf))

#### **PRESENTATIONS:**

- Friedland, M.; **Scharnitz, T**. “Granulomatous plaques in Ataxia-Telangiectasia”. *Michigan Dermatological Society; Ann Arbor, MI. April 2020*.
- **Scharnitz, T.**; Eilers. R.; Gudjonsson, J.; Hristov, A. “Diffuse cutaneous acanthamoebiasis in an immunodeficient patient”. *Verbal Presentation, Gross and Micro Symposium, American Academy of Dermatology 2020. Denver, Colorado. March 2020*.
- Tejasvi, T.; Plaska, A.; Ellis, C.; Hesseler, M.; **Scharnitz, T**. “Incidental melanoma detection following teledermatology consult”. *2019 World Congress of Dermatology; Milan, Italy June 2019*.
- **Scharnitz, T.**; Tejasvi, T.; Plaska, A.; Ellis, C.; Hesseler, M. “Incidental melanoma detection following teledermatology consult”. *77<sup>th</sup> Annual Society for Investigative Dermatology (SID) Conference; Chicago, IL. May 2019*.

- Bledea, R.; **Scharnitz, T.** “Iododerma”. *Michigan Dermatological Society; Ann Arbor, MI. May 2019.*
- **Scharnitz, T.**; Novice, T. “Multifocal cutaneous leishmaniasis”. *Michigan Dermatological Society; Ann Arbor, MI. May 2019.*
- **Scharnitz, T.**; Novice, T. “Graft-versus-host disease-associated angiomatosis, with significant response to therapy”. *Michigan Dermatological Society; Ann Arbor, MI. May 2019.*
- **Scharnitz, T.**; Novice, T.; Rizzo, J.; Zacur, J. “A novel hypermorphic missense mutation in PLCG2 gene, resulting in the autosomal dominant immunodeficiency ‘APLAID syndrome’, with recurrent polymorphic rash”. *International Investigative Dermatology (IID) Conference; Orlando, FL. May 2018. Michigan Dermatological Society; Ann Arbor, MI. May 2019.*
- **Scharnitz, T.** Autoinflammatory and Autoimmune Dermatoses. *Michigan Medicine Department of Dermatology, January 2019, and February 2020.*
- **Scharnitz, T.** Rickettsial and Mycobacterial Dermatoses. *Michigan Medicine Department of Dermatology, January 2019, and February 2020.*
- **Scharnitz, T.** HPV, HSV, and other Viral Dermatoses. *Michigan Medicine Department of Dermatology, October 2018, and October 2019.*
- **Scharnitz, T.**; Novice, T.; Tejasvi, T.; McClean, K. “Dermoscopic features of amelanotic melanoma”. *Michigan Dermatological Society; Ann Arbor, MI. April 2018*
- **Scharnitz, T.**; Novice, T.; Tejasvi, T. “ALK-1 positive anaplastic large cell lymphoma, mimicking leishmaniasis”. *Michigan Dermatological Society; Ann Arbor, MI. April 2018*
- **Scharnitz, T.**; Lee, Y.; Muscat, J.; Gupta-Elera, G.; Kirby, J. “Laboratory monitoring during isotretinoin therapy: A systematic review and meta-analysis”. *Society for Investigative Dermatology; Atlanta, GA. May 2015.*
- **Scharnitz, T.**; Lee, Y.; Scharnitz, T.; Muscat, J.; Gupta-Elera, G.; Kirby, J. “Laboratory monitoring during isotretinoin therapy: A systematic review and meta-analysis”. *Atlantic Dermatology Conference; Philadelphia, PA. April 2015.*
- Kirby, J.; **Scharnitz, T.**; Seiverling, E.; Ahrns, H.; Ferguson, S. “Actinic keratosis clinical practice guidelines: An appraisal of quality”. *Society for Investigative Dermatology; Atlanta, GA. May 2015.*

## ADDITIONAL RESEARCH EXPERIENCE

- **Michigan Medicine, Department of Dermatology; Ann Arbor, MI (2019-2020)**
  - Physician Investigator; Clinical Pharmacology Unit (CPU) research; evaluated patients for research studies and pharmaceutical trials. Advisor: Yolanda Helfrich, MD.
    - A Study to Evaluate the Efficacy and Safety of ANB019 in Subjects With Palmoplantar Pustulosis (PPP). PI: Johann Gudjonsson MD, PhD
    - A Study to Evaluate the Efficacy and Safety of ANB019 in Subjects With Generalized Pustular Psoriasis (GPP). PI: Johann Gudjonsson, MD, PhD

- A Study to Evaluate Upadacitinib in Adolescent and Adult Subjects With Moderate to Severe Atopic Dermatitis (Measure Up 2). PI: Milad Eshaq, MD
- A Study of PRN1008 in Patients With Pemphigus. PI: Milad Eshaq, MD
- Personalized Medicine through Integration of Immune Phenotypes in Autoimmune Skin Disease. PI: J. Michelle Kahlenberg, MD, PhD
- Open Label Extension Study of Dupilumab for  $\geq 6$  months to  $< 18$  Years of Age With Atopic Dermatitis. PI: Michael Goldfarb, MD
- Gastrointestinal Bacterial Colonization Biomarker in Rosacea. PI: Yolanda Helfrich, MD
- Biological Effects of Genetic Variation in IL23 Associated Genes in Psoriasis. PI: Johann Gudjonsson, MD, PhD
- Dupilumab  $\geq 6$  months to  $< 6$  years for Severe Atopic Dermatitis. PI: Michael Goldfarb, MD
- Impact of Staphylococcus aureus on Cutaneous Lupus. PI: Johann Gudjonsson, MD, PhD
- Quality Improvement projects:
  - Practical resource allocation in response to the national lidocaine shortage (2017-2019)
  - Safety and efficiency in the Veterans Affairs Dermatology Consult Service (2020)
- **Pennsylvania State University Hershey Medical Center, Dept of Dermatology; Hershey, PA**
  - Penn State Hershey Medical Center Department of Dermatology: Leadership Theory Meta-Analysis (2015-2016); PI: Joslyn Kirby, MD
  - Laboratory Intern (2011); P.I.: Hua Cheng, MD, PhD; studying neoplastic autophagy
- **The Pennsylvania State University; University Park, PA**
  - Undergraduate Research Assistant (2010); PI: Katriona Shea, PhD; studying invasive species
  - Undergraduate Research Assistant (2011); PI: Peter Hudson, PhD; studying infectious disease

## **LEADERSHIP, COMMUNITY SERVICE, AND AWARDS**

### **Michigan Medicine Department of Dermatology; Ann Arbor, MI (2017-2020)**

- Elected to the Michigan Medicine House Officer Quality & Safety Council (HOQSC) (2018-2020)
- “Making a Difference” Award Recipient, recognizing outstanding values (2017, 2018, 2019, 2020)
- Restructured Michigan Medicine Dermatology isotretinoin lab monitoring guidelines (2018)
- Resident Dermatology instructor to medical students, resident physicians, and fellows
- Updated the standardized Electronic Medical Record (EMR) notes for dermatology department, streamlining and improving documentation efficiency for patient encounters
- Standardized patient sign-out for consult and on-call resident physicians, to ensure efficient communication and improve patient safety

- Hope Clinic Volunteer; provided pro bono dermatology care for local underserved patients

**The Pennsylvania State University College of Medicine; Hershey, PA (2012-2016)**

- Penn State Alumni Society and College of Medicine Endowed Scholarship 2015 Recipient
- Alliance Medical Education Scholarship (AMES) Fund Scholarship 2015 Recipient
- Student Council, Class of 2016; Admissions Co-Chair and Community Service Co-Chair
- Penn State Blue and White Alumni Society; Medical Student Relations and Development
- Penn State College of Medicine, Careers in Medicine Executive Committee; Tutor Chair
- Penn State College of Medicine Wellness Program; Student Interest and Interdisciplinary Liaison
- PSU College of Medicine Interest Group for the Penn State Dance Marathon, ‘THON’
  - Penn State Dance Marathon 2014 Chair; led medical campus fundraising efforts of \$12,000
  - Penn State Dance Marathon 2015 participant, completed the 46-hour dance marathon
- LionCare Clinic Volunteer; provided pro bono medical care for local underserved patients

**The Pennsylvania State University (undergraduate); University Park, PA (2008-2012)**

- Penn State Dance Marathon ‘THON’, annual fundraising campaign for pediatric cancer.
  - Executive Committee 2012 Hospitality Director; one of fifteen executive committee members leading more than 16,000 student volunteers; raising \$10.6 million. Hospitality Captain 2011. Morale Committee 2010.
- Parmi Nous Senior Honor Society; Penn State’s first established “*Honor and Tradition*” service society, one of only 15 elected undergraduates (Inducted 2011)
- Alpha Epsilon Delta (AED) National Health Professions Honor Society (Inducted 2011)
- Phi Eta Sigma National Honor Society (Inducted 2010)