

# Tyler Drake Menge

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## EDUCATION AND TRAINING

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- **University of Michigan Health System, Ann Arbor, MI** **07/2020 – 06/30/21**  
*Fellow-Dermatopathology*
- **Harvard Combined Dermatology Residency Training Program, Boston, MA** **07/2017 – 06/30/20**  
*Resident Physician*
  - Chief Resident (2019-2020)
- **Saint Joseph Mercy Health System, Ann Arbor, MI** **06/2016 – 06/2017**  
*Intern-Transitional Year*
- **University of Michigan Medical School, Ann Arbor, MI** **08/2012 – 05/2016**  
*Doctor of Medicine*
  - Academic Achievement Award – Ranked #1 in Graduating Class
  - Dean's Merit Scholar
  - Alpha Omega Alpha
- **University of Colorado, Boulder, CO** **08/2006 – 05/2010**  
*Bachelor of Arts-Molecular, Cellular, and Developmental Biology; Neuroscience Certificate*
  - Chancellor's Recognition Award – 4.00 Cumulative GPA

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## UNITED STATES MEDICAL LICENSING EXAMINATIONS

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- Step 1: **277**
- Step 2 CK: **275**
- Step 2 CS: **Pass**
- Step 3: **257**

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## PAPERS AND PUBLICATIONS

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- Danesh M., **Menge T.**, Helliwell L., Mahalingam M., Waldman A. *Adherence to the National Comprehensive Cancer Network (NCCN) criteria of complete circumferential peripheral and deep margin assessment (CCPDMA) in treatment of high-risk basal and squamous cell carcinoma.* *Derm Surg.* In Press.
- Haitz K., Khosravi H., Lin J.Y., **Menge T.**, Nambudiri V. *Review of talimogene laherparepvec (T-VEC): A first in class oncolytic viral treatment of advanced melanoma.* *J Am Acad Dermatol.* In Press.
- Holcomb Z.E., Yu S.H., **Menge T.D.**, Nazarian R.M., Jessup C.J. *A newborn female with a diffuse rash.* *Dermatopathology (Basel).* 2019, Sep;6(3):189-194.
- Yu Z., Dee E., **Menge T.**, Ward A., Song, P. *Skin-limited idiopathic hypereosinophilic syndrome (HES) presenting with retiform purpura.* *JAAD Case Reports.* 2019, Aug;5(8):742-745.
- **Menge T.D.**, Hibler B.P., Mack L.A., Busam K.J., Rossi A.M. *Rapidly enlarging spindle cell neoplasm of the face.* *Cutis.* 2019, Jun;103(06):E28-E30.
- Yan B.Y., Hibler B.P., **Menge T.**, Dunn L., Ho A.L., Rossi A.M. *Sonic hedgehog pathway inhibitors: from clinical trials to clinical practice.* *Br J Dermatol.* 2019, May;180(5): 1260-1261.
- **Menge T.D.**, Hibler B.P., Cordova M.A., Rossi A.M. *Reflectance confocal microscopy for margin assessment and management of lentigo maligna.* *Curr Derm Rep.* 2017; 6(3): 222.
- **Menge T.D.**, Pellacani G. *Advances in noninvasive imaging of melanoma.* *Semin Cutan Med Surg.* 2016, Mar; 35(1):18-24.
- **Menge T.D.**, Hibler B.P., Cordova M.A., Nehal K.S., Rossi A.M. *Concordance of handheld reflectance confocal microscopy with histopathology in the diagnosis of lentigo maligna: A prospective study.* *J Am Acad Dermatol.* 2016, Jun; 74(6): 1114-20.

- Zhao Y., Gibb S.L., Zhao J., Moore A.N., Hylin M., **Menge T.**, Xue H., Baimukanova G., Potter D., Johnson E.M., Holcomb J.B., Cox C.S. Jr., Dash P.K., Pati S. *Wnt3a, a protein secreted by Mesenchymal Stem Cells is neuroprotective and promotes neurocognitive recovery following traumatic brain injury.* Stem Cells. 2016, May; 34(5): 1263-72.
- Leavens J., **Menge T.**, Swabash T. *Viewpoint: The true cost of the free tan next door.* The Michigan Daily. 2015, Sep 15.
- Wataha K., **Menge T.**, Deng X., Shah A., Bode A., Holcomb J.B., Potter D., Kozar R., Spinella P.C., Pati S. *Spray-dried plasma and fresh frozen plasma modulate permeability and inflammation in vitro in vascular endothelial cells.* Transfusion. 2013, Jan; 53(S1): 80S-90S.
- **Menge T.**, Gerber M., Wataha K., Reid W., Guha S., Cox C.S. Jr., Dash P., Reitz M.S. Jr., Khakoo A.Y., Pati S. *Human mesenchymal stem cells inhibit endothelial proliferation and angiogenesis via cell-cell contact through modulation of the VE-Cadherin/Beta-catenin signaling pathway.* Stem Cells and Development. 2013, Jan; 22(1): 148-157.
- **Menge T.**, Zhao Y., Zhao J., Wataha K., Gerber M., Zhang J., Letourneau P., Redell J., Shen L., Wang J., Peng Z., Xue H., Kozar R., Cox C.S. Jr., Khakoo A.Y., Holcomb J.B., Dash P.K., Pati S. *Mesenchymal stem cells regulate blood-brain barrier integrity through TIMP3 release after traumatic brain injury.* Science Translational Medicine. 2012, Nov; 4(161): 161ra150.
- Letourneau P.A., **Menge T.D.**, Wataha K.A., Wade C.E., Cox C.S. Jr., Holcomb J.B., Pati S. *Human bone marrow derived mesenchymal stem cells regulate leukocyte-endothelial interactions and activation of transcription factor NF-Kappa B.* Journal of Tissue Science & Engineering. 2011, Jul; Suppl(3): 001..
- Pati S., Gerber M.H., **Menge T.D.**, Wataha K.A., Zhao Y., Baumgartner J.A., Zhao J., Letourneau P.A., Huby M.P., Baer L.A., Salsbury J.R., Kozar R.A., Wade C.E., Walker P.A., Dash P.K., Cox C.S. Jr., Doursout M.F., Holcomb J.B. *Bone marrow derived mesenchymal stem cells inhibit inflammation and preserve vascular endothelial integrity in the lungs after hemorrhagic shock.* PLoS One. 2011, Sep; 6(9): e25171.
- Haywood-Watson R.J., Holcomb J.B., Gonzalez E.A., Peng Z., Park P.W., Wang W., Zaske A.M., **Menge T.**, Kozar R.A. *Modulation of syndecan-1 shedding after hemorrhagic shock and resuscitation.* PLoS One. 2011, Aug; 6(8): e23530.

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#### ABSTRACTS, POSTERS, AND PRESENTATIONS

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- **Menge T.**, Azimi E., Luffman C., Faulkner-Jones B., Song P. *Eosinophilic annular erythema: A case of metastatic carcinoma presenting as a rare figurate erythema.* Gross and Micro, 2020 American Academy of Dermatology Annual Meeting, Denver, CO, March 20-24, 2020.
- Xue Y., **Menge T.**, Hafeez F., Imadojemu S. *Asymptomatic scrotal ulcers in an immunocompromised patient.* Poster Presentation, ASDP 56<sup>th</sup> Annual Meeting, San Diego, CA, October 16-20, 2019.
- **Menge T.**, Rush P., Butler D., Bigby M., Song P., Ward A. *A case of idiopathic hypereosinophilic syndrome presenting as retiform purpura: clinicopathologic correlation of a rare diagnosis.* Oral Presentation, Duel in Dermatopathology Resident Abstract Competition, ASDP 55<sup>th</sup> Annual Meeting, Chicago, IL, November 8-11, 2018.
- **Menge T.**, Song P., Reynolds R. *Dermatomyositis.* Presentation, Beth Israel Deaconess Medical Center Department of Medicine Blumgart Firm Conference, Boston, MA, April 27, 2018.
- **Menge T.**, Durham A., Fullen D., Andea A. *Unusual pattern of infiltration of solar elastosis in recurrent malignant melanoma.* Poster Presentation, 2017 American Academy of Dermatology Annual Meeting, Orlando, FL, March 3-7, 2017.
- Baruch J., Santen S.A., Mangrulkar R.S., **Menge T.D.**, Hayes K.D.G., Ross P.T. *Medical Student Professional Behavior and Self-Regulation: Review of Honor Council Cases at the University of Michigan.* Poster Presentation, 2016 University of Michigan Health Professions Education Day, Ann Arbor, MI, June 1, 2016.
- **Menge T.D.**, Hibler B.P., Cordova M.A., Rossi A.M. *Concordance of reflectance confocal microscopy with histopathology in the diagnosis of lentigo maligna.* Poster Presentation, 2016 American Academy of Dermatology Annual Meeting, Washington, DC, March 4-8, 2016.
- **Menge T.**, Mitchell M., Jewell E., Blum J. *Lung Injury after Heart Repair: Identifying Incidence and Monitoring Outcomes in Patients at Risk for Acute Respiratory Distress Syndrome after Cardiac Surgery.* Poster Presentation, 2013 American Society of Anesthesiologists Annual Meeting, San Francisco, CA, Oct 15, 2013.

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## CURRENT/ONGOING PROJECTS

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- Significance of loss of chromosome X in female patients with malignant melanoma, **Mentor:** Dr. Aleodor Andea, University of Michigan
- The Potential Impact of Same-Class Substitution of Topical Steroids on Healthcare Spending, **Mentor:** Dr. Arash Mostaghimi, Brigham and Women's Hospital

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## TEACHING, SERVICE, AND OTHER PROFESSIONAL EXPERIENCE

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- Resident Member, AAD Dermatopathology Rapid Response Committee 11/2018 – Present
- Chief Resident, Harvard Dermatology 01/2019 – 06/2020
- Dermatopathology Leader, Harvard Dermatology 07/2018 – 06/2020
- Member, Harvard Dermatology Program Diversity Committee 11/2017 – 06/2020
- Co-Coordinator, Project Phoenix Tattoo Removal Clinic 09/2017 – 06/2020
- Member, Harvard Dermatology Program Education Committee 08/2017 – 06/2020
- Reviewer, JAMA Dermatology 11/2018
- Participant, Partners Centers of Expertise Health Policy and Management Course 03/2018
- Volunteer Cook, Food Gatherers Community Kitchen 08/2012 – 06/2017
- Member, UMMS Admission Committee 08/2013 – 05/2016
- Member, UMHS Medical Arts Program 01/2013 – 05/2016
- Class Representative, UMMS Honor Council 08/2012 – 05/2016
- Class Representative, UMMS Academic Review Board 08/2012 – 05/2016
- Class Representative, Curriculum Planning Work Group: M-Home 08/2014 – 05/2015
- Research Assistant, Dr. Shibani Pati Lab 06/2010 – 07/2012
- Volunteer, Young Friends of Ronald McDonald House 08/2010 – 12/2011
- Teaching Assistant, General Chemistry 1 01/2010 – 05/2010
- Independent Study, Community Health and Spanish Language in Costa Rica 01/2009 – 05/2009
- Director of Adjudication, University of Colorado Honor Code 02/2008 – 02/2010
- Teaching Assistant, General Chemistry 2 08/2008 – 12/2008
- Youth Mentor, I Have a Dream Foundation 09/2007 – 05/2010

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## HONORS AND AWARDS

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- University of Michigan Medical School Academic Achievement Award 2016
  - Ranked #1 in Graduating Class
- University of Michigan Medical School Graduate with Distinction in Research Award 2016
- University of Michigan Medical School Excellence in Clinical Skills and the Art of Medicine Award 2016
- Alpha Omega Alpha 2015
- University of Michigan Health System Making a Difference Award 2014
- Foundation for Anesthesia Education and Research Medical Student Anesthesia Research Fellow 2013
- Michigan Institute for Clinical Health and Research Summer Program 2013
- University of Michigan Medical School Dean's Merit Scholar 2012
- University of Colorado Chancellor's Recognition Award 2010
  - 4.00 Cumulative GPA
- Phi Beta Kappa 2009
- Howard Hughes Medical Institute/CU Biological Sciences Initiative Research Grant 2009
- University of Colorado Cancer Center Research Fellowship 2008
- Kittredge Honors Scholar 2006

† - Indicates co-first authorship

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#### PROFESSIONAL SOCIETY MEMBERSHIPS

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- American Society of Dermatopathology (ASDP) 09/2017 – Present
  - American Academy of Dermatology (AAD) 07/2017 – Present
  - International Dermoscopy Society (IDS) 04/2017 – Present
  - American Medical Association (AMA) 08/2012 – Present
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#### PERSONAL INTERESTS

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- Ice hockey, running, cooking, travel, spending time with my wife, daughter, and our dogs