

Heidi Elizabeth Steiner, PSM

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EDUCATION

- | | |
|---------------------|--|
| Aug 2019 - Current | Doctor of Philosophy (Expected Matriculation: May 2023)
Clinical Translational Sciences (Advisor: Dr. Jason Karnes)
College of Medicine
The University of Arizona |
| Jan 2017 - May 2019 | Professional Science Masters (PSM)
Diagnostic Laboratory Sciences
Graduate Interdisciplinary Program
The University of Arizona |
| Aug 2010 - Dec 2013 | Bachelor of Science (BS), Biology
College of Agriculture and Life Sciences
The University of Wisconsin |

EMPLOYMENT

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| Feb 2016 - May 2019 | Laboratory Assistant
<i>The University of Arizona, College of Pharmacy, Department of Pharmacy Practice and Science, Tucson, Arizona</i> <ul style="list-style-type: none">Conducted experiments including: isolation of peripheral blood cells and DNA extractionManaged all parts of human subject's research from Institutional Review Board application to subject enrollment to statistical analysisLed laboratory staff trainings, inventory purchases, equipment maintenance, chemical and biosafety approvals |
| Jan 2012 - Dec 2013 | Undergraduate Researcher
<i>The University of Wisconsin, College of Agriculture and Life Sciences, Genetics Department, Madison, Wisconsin</i> <ul style="list-style-type: none">Conducted bench work including assembling effector plasmids, transfecting Drosophila S2 cells, running report assays and purifying band-shift assaysComplied data for lab meetings |

PUBLICATIONS

- Karnes, J. H., Wiener H.W., Schwantes-An T.H., Natarajan, B., Sweatt, A.J., Chaturvedi, A., Arora, A., Batai, K., Nair, V., Steiner, H.E., ... Desai, A.A. (2020). "Genetic Admixture and Survival in Diverse Populations with Pulmonary Arterial Hypertension." *Am J Respir Crit Care Med*.
- Patanwala, A. E., Norwood, C., **Steiner, H.**, Morrison, D., Li, M., Walsh, K., ... Karnes, J. H. (2019). Psychological and Genetic Predictors of Pain Tolerance. *Clin Transl Sci*.

3. Kaye, J. B., Schultz, L. E., **Steiner, H. E.**, Kittles, R. A., Cavallari, L. H., & Karnes, J. H. (2017). Warfarin Pharmacogenomics in Diverse Populations. *Pharmacotherapy*.
4. Karnes, J. H., Shaffer, C. M., Cronin, R., Bastarache, L., Gaudieri, S., James, I., Pavlos, R, **Steiner, H. E.**, . . . Roden, D. M. (2017). Influence of Human Leukocyte Antigen (HLA) Alleles and Killer Cell Immunoglobulin-Like Receptors (KIR) Types on Heparin-Induced Thrombocytopenia (HIT). *Pharmacotherapy*.
5. Karnes, J. H., Shaffer, C. M., Bastarache, L., Gaudieri, S., Glazer, A. M., **Steiner, H. E.**, . . . Roden, D. M. (2017). Comparison of HLA allelic imputation programs. *PLoS One*.

PEER-REVIEWED ABSTRACTS

1. Karnes Jason, H., et al. (2019). "Abstract 10124: Genetic Admixture and Survival in Diverse Populations With Pulmonary Arterial Hypertension (PAH)." *Circulation* 140(Suppl_1): A10124-A10124.
2. El Rouby, N., Marcatto, K., Claudio, L. Tavares, L., **Steiner, H.**, Botton, M.R., Lubtiz, S., Scot, S., Karnes, J., Cavallari, L., Santos, P.C.J.L., Ducong, J. *Multi-site investigation of genetic determinants of warfarin dose variability among Latinos*. American Society for Clinical Pharmacology & Therapeutics Annual Meeting, Washington D.C. Mar. 2019
3. Karnes, J. H., Wiener, H., Schwantes-An, T.-H., Natarajan, B., Chaturvedi, A., Arora, A. H., Nair, V., **Steiner, H.**, . . . Desai, A. (2019). Abstract 10124: Genetic Admixture and Survival in Diverse Populations With Pulmonary Arterial Hypertension (PAH). *Circulation*.
4. Kaye, J.B., **Steiner, H.E.**, Wahl, J., Sweitzer, N., Karnes, J. *Warfarin Pharmacogenomics in a Hispanic Population: A Candidate SNP Study*. (2018). JACCP: JOURNAL OF THE AMERICAN COLLEGE OF CLINICAL PHARMACY, 1(2), 122-353.
5. **Steiner, H.**, Larriva, M., Campbell, P., Nix, D.E., Quinn, D., Klimecki, W., Karnes, J. *Educational Benefit of Personal Pharmacogenomic Testing in the Pharmacy Curriculum*. American College of Clinical Pharmacy Global Conference, Seattle, WA. Oct. 2018.
6. Karnes, J. H., Batai, K., Arora, A., Kaye, J., **Steiner, H.**, Nair, V., . . . Desai, A. (2017). Abstract 24015: Genome-Wide Association Study of Vasodilator Response in Pulmonary Arterial Hypertension. *Circulation*.
7. Kaye, J.B., Schultz, L.E., **Steiner, H.E.**, Kittles, R.A., Cavallari, L.H., Karnes, J.H. *Performance of Warfarin Pharmacogenetic Dosing Algorithms in United States Minority Groups*. American Indian Science and Engineering Society (AISES) National Conference, Minneapolis, MN, November 2016.
8. Bastarache, L., Shaffer, C.M., Gaudieri, S., Glazer, A.M., **Steiner, H.**, . . . Roden, D.M. *Comparison of HLA Allelic Imputation Programs*. American Society of Human Genetics Annual Meeting, Vancouver, BC, CA, October 2016.

POSTER PRESENTATIONS

1. Steiner, H., Kaye, J.B., Peralta, A., Karnes, J. *Warfarin Pharmacogenomics in Hispanics and Latinos of Tucson, AZ* Graduate Student Professional Council Annual Student Showcase. The University of Arizona, Tucson, AZ. Feb. 2019
2. Steiner, H., Kaye, J.B., Peralta, A., Karnes, J. *Warfarin Pharmacogenomics in Hispanics and Latinos of Tucson, AZ: A Candidate Gene Study* Graduate Interdisciplinary Programs Student Research Showcase. The University of Arizona, Tucson, AZ. Dec. 2018

PRESENTATIONS

Invited:

- Dec 2019 “Publication Quality Figures in ggplot2”
- Led a two-hour workshop of tips and tricks for plot manipulation in the ggplot2 package in R
 - R-Ladies Tucson meetup, a group to increase diversity in R coding
- May 2019 “Genome-wide association study of warfarin stable dose in Hispanics and Latinos”
- Invited talk summarizing current work
 - Arizona Biomedical Research Conference, Phoenix Arizona

AWARDS AND HONORS

- 2019 2nd Place Student**
Best Poster Human Health Category
Graduate Professional Student
- 2019 Advanced Leader Bronze**
Toastmasters International

PROFESSIONAL AFFILIATIONS & LEADERSHIP

Toastmasters International

Leadership

- 2016-2018 President
- Run weekly meetings
 - Send weekly club update newsletters

Events

- 2016-2018 Toastmasters Leadership Institute
- Biannual meeting to develop training and facilitating skills

American College of Clinical Pharmacy

Events

- Oct. 2018 Global Conference
- Extensive programing and networking opportunities featuring sessions to facilitate exchange of experiences and advances in practice and education
 - Presented at poster session (#372)