

**Hannah Hetzel-Ebben Yarolimek**  
<https://www.hlhey.com>

## EDUCATION

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2016-2021	Florida State University Bachelor of Music <ul style="list-style-type: none"><li>• Major in Vocal Performance</li><li>• Minor in Biology and Chemistry</li><li>• GPA: 3.994</li></ul>
2021-present	Case Western Reserve University (CWRU) School of Medicine <ul style="list-style-type: none"><li>• Doctor of Medicine (expected 2025)</li><li>• Humanities Pathway</li></ul>

## HONORS AND AWARDS

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2023	Outstanding Poster Award at CWRU SOM Graduate and Medical Student Research Day
2021	Marcus L. Uramm Fellow and Alice and Russell True Fellowship- Phi Kappa Phi Recipient
2021	Florida State University Graduation <i>summa cum laude</i> in Vocal Performance
2018-2021	FSU Garnet and Gold Scholar
2016-2021	FSU Honors Program
2019-2020	FSU Community Ambassador Scholarship
2019	National Association of Teachers of Singing Semifinalist in Upper Collegiate Women's Classical Division

## WORK EXPERIENCE

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2018-2021	Seminole Sitters, Tallahassee, FL <ul style="list-style-type: none"><li>• Babysitter and long-term nanny for all ages</li><li>• <i>CPR and First-Aid certified</i></li></ul>
2018	Progressive Pediatric, Tallahassee, FL <ul style="list-style-type: none"><li>• Summer camp water play counselor for kids with physical and behavioral limitations</li><li>• Substitute Music Therapist</li></ul>
2016-2017	Elmwood Stock Farm, Lexington, KY <ul style="list-style-type: none"><li>• Worked at Farmer's Markets in Lexington, Georgetown, and Louisville KY</li><li>• Helped with sales, restocking, inventory, and Community Supported Agriculture over summers</li></ul>

## RESEARCH EXPERIENCE

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2022-present	Case Western Reserve University, Cleveland Clinic PI: Deborah Kwon, MD Project: To discover the diagnostic differences and uses of the cardiac MRI verses traditional echocardiogram. <ul style="list-style-type: none"><li>• Poster presentation: "Sex-Based Differences in Left Ventricular Remodeling Between Aortic Regurgitation, Aortic Stenosis, and Mitral Regurgitation" presented at CWRU SOM Graduate and Medical Student Research Day</li></ul>
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- **Awarded Outstanding Poster award for top 10% of posters at research day**
- **Presented a Moderated Poster at the American College of Cardiology Conference in April 2024**
- **Presenting a poster at ACC 2025**
- Anticipated first author publication in Spring 2025

2024-present	<p>Case Western Reserve University, University Hospital          PI: Rebecca Flyckt, MD          Project: To discover the current practice patterns of fertility practices in regards to prescribing Ozempic for fertility and PCOS patients</p> <ul style="list-style-type: none"> <li>• Poster at PCRS on fresh versus frozen donor egg embryo transfer outcomes</li> <li>• Second author on invited commentary on vaginal strictures in uterine transplantation</li> </ul>
2020-2021	<p>Florida State University Department of Biology          PI: P. B. Chase, PhD          Project: "Mandibular muscle troponin of the Florida carpenter ant <i>Camponotus floridanus</i>: extending our insights into invertebrate Ca<sup>2+</sup> regulation"</p> <ul style="list-style-type: none"> <li>• Analyzed Ca<sup>2+</sup> sensitivity in muscle fibers</li> <li>• Examined the troponin subunits from mandibular muscle</li> <li>• Authored one manuscript (third author)</li> <li>• Submitted mRNA and protein sequences into GenBank</li> </ul>
2018-2019	<p>Florida State University Department of Psychology          PI: Christopher Lonigan, PhD          Project: "An Examination Between the Relation of Executive Function Skills and Pre-Academic Skills: A Meta-Analysis"</p> <ul style="list-style-type: none"> <li>• Examined the effects of short term memory versus working memory</li> <li>• Administered computer and Woodcock Johnson tests for second and third grade students</li> <li>• Conducted independent research project culminating in poster presentation</li> </ul>
2018-2019	<p>Florida State University Department of Psychology          PI: Michael Kaschak, PhD          Project: "Examining the factors that affect structural repetition in question answering"</p> <ul style="list-style-type: none"> <li>• Made calls to assess linguistic mirroring and assisted in speech analysis of participants</li> <li>• Authored one manuscript (second author)</li> </ul>
2018	<p>Florida State University College of Music          Project: "The Choral Community Success Impacting Societal Success"</p> <ul style="list-style-type: none"> <li>• Researched the impact of language and body language on choral success</li> <li>• Presented at the Undergraduate Research Symposium on Music</li> </ul>

## BIBLIOGRAPHY

### Peer Reviewed Articles

1. Haering C, **Hetzel H**, Flyckt R, Closing in on vaginal stricture incidence and management after uterine transplantation, *Fertility and Sterility* (2024), doi: <https://doi.org/10.1016/j.fertnstert.2024.07.006>.
2. Shi, Y., Bethea, J. P., **Hetzel-Ebben, H. L.**, Landim-Vieira, M., Mayper, R. J., Williams, R. L., Kessler, L. E., Ruiz, A. M., Gargiulo, K., Rose, J. S. M., Platt, G., Pinto, J. R., Washburn, B. K., and Chase, P. B. (2021). Mandibular muscle troponin of the Florida carpenter ant *Camponotus floridanus*: extending our

insights into invertebrate  $\text{Ca}^{2+}$  regulation. J. Muscle Res. Cell Motil. 42, 399-417. doi: 10.1007/s10974-021-09606-w

3. Chia K, **Hetzel-Ebben** H, Adolph M, et al. “Examining the factors that affect structural repetition in question answering” (published online ahead of print, 2020 Apr 22). Mem Cognit. 2020;10.3758/s13421-020-01036-2. doi:10.3758/s13421-020-01036-2

#### Poster Presentations

1. **Hannah H.E. Yarolimek**, Amy Zhou, Nada Hentati, Ryan Brown, Tom Kai, Ming Wang, Laurie Ann Moennich, Katy Rutkowski, Richard A. Grimm, Zoran Popovic, IV, L. Leonardo Rodriguez, David Chen, Christopher Nguyen, Deborah Kwon, DIFFERENTIAL LEFT ATRIAL AND LEFT VENTRICULAR REMODELING IN AORTIC REGURGITATION AND MITRAL REGURGITATION: IMPACT OF SEX, Journal of the American College of Cardiology, 2025
2. Evelina Manvelyan, MD, **Hannah HE Yarolimek, BM**, Kathryn Coyne, MD, Isabelle, Mason, MD, Lauren Palavos, BS, James Hamrick, BS, Santiago Chaparro, BS, Joseph Findley, MD, Rachel Weinerman, MD, Rebecca Flyckt, MD, Sung Tae Kim, PhD, HCLD, IVF OUTCOMES IN COUPLES UTILIZING FRESH OR FROZEN DONOR OOCYTES: A RETROSPECTIVE COHORT STUDY, Pacific Coast Reproductive Society 2025
3. Amy Zhou, Nada Hentati, **Hannah H.E. Yarolimek**, Ryan Brown, Tom Kai, Ming Wang, Laurie Ann Moennich, Katy Rutkowski, Richard A. Grimm, Zoran Popovic, IV, L. Leonardo Rodriguez, David Chen, Christopher Nguyen, Deborah Kwon, COMPARISON OF LEFT ATRIAL SIZE IN MITRAL REGURGITATION, AORTIC REGURGITATION, AND AORTIC STENOSIS: ECHOCARDIOGRAPHY VS CARDIAC MAGNETIC RESONANCE, Journal of the American College of Cardiology, 2025
4. **Hannah H.E. Yarolimek**, Tom Kai Ming Wang, Richard A. Grimm, Zoran Popovic, David Chen, Christopher Nguyen, Deborah Kwon, SEX-BASED DIFFERENCES IN LEFT VENTRICULAR REMODELING BETWEEN AORTIC REGURGITATION, AORTIC STENOSIS AND MITRAL REGURGITATION, Journal of the American College of Cardiology, Volume 83, Issue 13, Supplement, 2024, Page 1380, ISSN 0735-1097, [https://doi.org/10.1016/S0735-1097\(24\)03370-9](https://doi.org/10.1016/S0735-1097(24)03370-9).
5. **H.E. Yarolimek, H.**, (2023, December). Sex-Based Differences in Left Ventricular Remodeling Between Aortic Regurgitation, Aortic Stenosis, and Mitral Regurgitation. Poster presented at CWRU SOM Graduate and Medical Student Research Day, Cleveland, OH.
6. Shi, Y., Bethea, J. P., **Hetzel-Ebben, H. L.**, Landim-Vieira, M., Mayper, R. J., Williams, R. L., Kessler, L. E., Ruiz, A. M., Gargiulo, K., Rose, J. S. M., Platt, G., Pinto, J. R., Washburn, B. K., and Chase, P. B. (2021). Mandibular muscle troponin of the Florida carpenter ant *Camponotus floridanus*: extending our insights into invertebrate  $\text{Ca}^{2+}$  regulation. Biophysical Society Annual Meeting, Volume 120, Issue 3, 62a. DOI: 10.1016/j.bpj.2020.11.607
7. **Hetzel-Ebben, H.**, Bauermeister, N., Spiegel, J.A. (2018, March). An Examination Between the Relation of Executive Function Skills and Pre-Academic Skills: A Meta-Analysis. Poster presented at FSU Undergraduate Research Day, Tallahassee, FL.
8. Bauermeister, N., **Hetzel-Ebben, H.**, Spiegel, J.A. (2018, April). An Examination Between the Relation of Executive Function Skills and Pre-Academic Skills: A Meta-Analysis. Poster presented at FSU Department of Psychology Undergraduate Research Day, Tallahassee, FL.

#### Humanities Publications

1. **Hetzel Hetzel-Ebben, H.** (Spring 2022). Everybody has a story. *The Health Humanities Journal of University of North Carolina at Chapel Hill*, 10–11.
2. **Yarolimek, H.** (Projected Spring/Summer 2024). *Reflections: An anthology of first experiences in human dissection*

## COMMUNITY SERVICE

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2022-2023 2024-2025	CWRUSOM Interview Committee
2021-2023	Cleveland Heights High School Outreach Program <ul style="list-style-type: none"><li>• Co-President</li><li>• The Cleveland Heights High School Outreach Program talks to students during their lunch hours about any health questions they are curious about with a focus on sexual health, COVID-19, and vaccine hesitancy</li></ul>
2021-2024	Doc Opera, CWRU SOM <ul style="list-style-type: none"><li>• GARLA LA Land, December 2021 (Dancer)</li><li>• Stich Perfect, December 2022 (DocAppella Leader)</li><li>• Pokémon, Gotta Match Em' All 2024 (DocAppella)</li></ul>
2021- 2023	Opening Minds through Arts, Cleveland, OH <ul style="list-style-type: none"><li>• Volunteer musician for people experiencing dementia</li></ul>
2020-2021	Big Bend Hospice <ul style="list-style-type: none"><li>• Volunteer in the Hospice House</li><li>• Founder for the collaborative project between heARTS and BBH, "Arts for the Soul" which brings arts and crafts to patients, family members, and volunteers</li></ul>
2017-2021	Tallahassee Memorial Hospital <ul style="list-style-type: none"><li>• Volunteer in Internal Medicine Unit</li><li>• Assists with daily tasks, restock rooms, get patients water, sit with patients with dementia, help keep patients comfortable</li></ul>
2017-2019	Progressive Pediatric <ul style="list-style-type: none"><li>• Volunteer as teacher in 3-year-old room</li><li>• Help children with variety of mental and physical limitations</li></ul>

## LEADERSHIP

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2022-2023	DocAppella <ul style="list-style-type: none"><li>• Co-Director</li></ul>
2021-2023	Cleveland Heights High School Outreach Program <ul style="list-style-type: none"><li>• Co-President</li></ul>
2013-2021	heARTS Incorporated, 501(c)(3) non-profit organization National Projects Manager <ul style="list-style-type: none"><li>• donates arts supplies and musical instruments to schools all over the country</li><li>• <i>Arts for Alzheimer's</i>: donates arts supplies and iPods to patients in TMH suffering from memory disorders, helped set up volunteer program in Internal Medicine Unit to complete arts and crafts with patients</li><li>• <i>STEAM Day</i>: provided science and art activities to children with mental and physical disabilities at Progressive Pediatrics (collaboration with 6 FSU organizations)</li></ul>

- *Arts for the Soul*: virtual program at Big Bend Hospice for patients, family members, and volunteers which offers a creative outlet and safe space during the COVID-19 pandemic
- *Bridge Together Tallahassee*: event geared toward unifying Tallahassee and the importance of Black Lives Matter

## MEMBERSHIPS

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American Medical Association  
American College of Cardiology  
American College of Gynecology

**Languages:** beginner in Spanish, Italian, German, and French

**Interests:** hiking, painting, singing