



Nominee Bio Questions

1. **Name & credentials:** Jessie Hoffman, PhD, RD, LD
2. **Current residence (city/town, state):** Indian Land, SC
3. **Education:**
 - BS Biology (Newberry College; 2013)
 - MS Nutrition (UNC Greensboro; 2015)
 - PhD Nutritional Sciences (University of Kentucky; 2018)
 - Dietetic Internship (Iowa State University; 2019)
4. **Present position:**
 - Assistant Professor of Human Nutrition at Winthrop University
 - Owner of Jessie Hoffman Nutrition LLC (private practice nutrition counseling and coaching)
5. **Previous positions:**
 - Post Doctoral Scholar (University of Kentucky; 2018-2020)
 - Research Assistant (University of Kentucky; 2015-2018)
 - Research Assistant (UNC Greensboro; 2013-2015)
6. **Professional activities (current):**
 - Food and Chemical Toxicology Journal Reviewer
 - South Carolina Academy of Nutrition & Dietetics Past Annual Meeting Chair
 - Catawba Pee-Dee Dietetics Association Past President
 - Women in Sport and Physical Activity Journal Reviewer
 - Winthrop University CAS Student Research Committee
 - Academy of Nutrition and Dietetics Foundation Grant Reviewer
 - Current Developments in Nutrition Reviewer
 - Advances in Nutrition Reviewer
 - Winthrop University Community Hunger & Education Work Force (CHEW)
 - Winthrop University Nutrition Education Garden and Farmers Market Organizer
 - Victory Garden International Professional Advisor and Volunteer
 - Winthrop University Food Pantry Program Organizer
 - American Society for Nutrition Student Interest Group Mentor



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- Legion Athletics Scientific Advisory Board Member
- Journal of the International Society for Sports Nutrition Editorial Board Member

7. Honors and awards:

- Lynn Harand Outstanding Advisor Award Nominee (2023 – 2024); College of Arts & Sciences, Winthrop University
- Recognized Young Dietitian of the Year (South Carolina) (2023); South Carolina Academy of Nutrition & Dietetics
- CAS Outstanding Undergraduate Research Mentor Award Nominee (2022); College of Arts & Sciences, Winthrop University
- Lynn Harand Outstanding Advisor Award Nominee (2021 – 2022); College of Arts & Sciences, Winthrop University
- Graduate Student of the Year (2017 – 2018); Department of Pharmacology & Nutritional Sciences, University of Kentucky
- American Society of Nutrition Elected Student Representative (2017 – 2018); Dietary Bioactive Components Research Interest Section
- T32 Predoctoral Scholar (2015 – 2017); NIH Training Grant on Metabolic Disease, University of Kentucky
- Jefferson Pilot Corporation Fellowship (2014 – 2015); Department of Nutrition, University of North Carolina at Greensboro

8. Certifications:

- Registered Dietitian Nutritionist (RD/RDN) # 86108296 (Commission on Dietetics Registration)
- Certificate in Effective Teaching Practice Framework (Association of College and University Educators)

9. Publications:

- Lima, H.K., Ganio Molinari, M., **Hoffman, J.B.**, Evans, K.I., Licata, A., Akers, L. 2023. Factors associated with provider practices related to infant feeding in primary care settings: results from a pilot survey. Nutrients. doi:10.3390/nu16020179.
- Police, S.A., **Hoffman, J.B.** Drug and Nutrient Interactions. 2023. University of Kentucky Libraries (Open Educational Resource) <https://saalck.pressbooks.pub/drug-and-nutrient-interactions/>.
- Agarwal, M.*, **Hoffman, J.B.***, Ngo Tenlep, S.Y., Santarossa, S., Pearson, K.J., Sitarik, A.R., Cassidy-Bushrow, A.E., Petriello, M.C. 2023. Maternal polychlorinated biphenyl (PCB 126) exposure modulates offspring gut microbiota irrespective of diet and exercise. Reprod Toxicol. doi:10.1016/j.reprotox.2023.108384.



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- McWhorter, N., Dhillon, J., & **Hoffman, J.B.** 2021. Preliminary investigation of microbiome and dietary differences in patients with phenylketonuria on enzyme replacement therapy compared to traditional therapies. J Acad Nutr Diet. doi:10.1016/j.jand.2021.12.011.
- Fundaro, G. & **Hoffman, J.B.** 2021. The Science of Gut Health: What the Research Really Says About Your Gut Microbiome. Renaissance Periodization (eBook).
- **Hoffman, J.B.**, Petriello, M.C., Morris, A.J., Mottaleb, M.A., Sui, Y., Zhou, C., Deng, P., Wang, C., Hennig, B. 2019. Prebiotic inulin consumption reduces dioxin-like PCB 126-mediated hepatotoxicity and gut dysbiosis in hyperlipidemic Ldlr deficient mice. Environ Pollut. doi:10.1016/j.envpol.2020.114183.
- Deng, P., **Hoffman, J.B.**, Petriello, M.C., Wang, C.Y., Li, X.S., Morris, A.J., Hennig, B. 2019. Dietary inulin decreases circulating ceramides by suppressing neutral sphingomyelinase expression and activity in mice. J. Lipid Res. doi:10.1194/jlr.RA119000346 PMID: 31604806.
- **Hoffman, J.B.**, Flythe, M., Hennig, B; 2018. Environmental pollutant-mediated disruption of gut microbial metabolism of the prebiotic inulin. Anaerobe. doi:10.1016/j.anaerobe.2018.11.008 PMID: 30447394.
- **Hoffman, J.B.**,* Petriello, M.C.,* Vsevolozhskaya, O., Morris, A.J., Hennig, B. 2018. Dioxin-like PCB 126 increases intestinal inflammation and disrupts gut microbiota and metabolic homeostasis. Environ Pollut. doi:10.1016/j.envpol.2018.07.039 PMID: 27155921.
- **Hoffman J.B.**, Hennig, B. 2017. Protective influence of healthful nutrition on mechanisms of environmental pollutant toxicity and disease risks. Ann NY Acad Sci. doi:10.1111/nyas.13365 PMID: 28574588.
- **Hoffman J.B.**, Petriello, M.C., Hennig, B. 2017. Impact of nutrition on pollutant toxicity: an update with new insights into epigenetic regulation. Rev Environ Health. doi:10.1515/reveh-2016-0041. PMID: 28076319.
- Petriello, M.C., **Hoffman, J.B.**, Morris, A.J., Hennig, B. 2016. Emerging roles of xenobiotic detoxification enzymes in metabolic diseases. Rev Environ Health. doi:10.1515/reveh-2016-0050 PMID: 27837601.
- Petriello, M.C., **Hoffman, J.B.**, Sunkara, M., Wahlang, B., Perkins, J.T., Morris, A.J., Hennig, B. 2016 Dioxin-like pollutants increase hepatic flavin containing monooxygenase (FMO3) expression to promote synthesis of the pro-atherogenic nutrient biomarker trimethylamine N-oxide from dietary precursors. J Nutr Biochem. Apr 1;(33):145-153. PMID: 27155921.
- **Hoffman, J.B.**,* Collins, B.,* Martinez, K., Grace, M., Lila, M.A., Cockrell, C., Nadimpalli, A., Chang, E., Chuang, C.C., Zhong, W., Cooney, P., Hopkins, R., McIntosh, M.K. 2016. An extractable polyphenol-rich fraction obtained from table grapes



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- decreases adiposity, insulin resistance, and markers of inflammation in high-fat fed C57BL/6J mice. J Nutr Biochem. May; 31: 150-65. PMID: 27133434.
- Collins, B., **Baldwin, J.**, Martinez, K, Lila, MA., McIntosh, MK. 2016. Grapes and Gastrointestinal Health: Implications with Intestinal and Systemic Diseases. In: Pezzuto, JM, editor. Grapes and Health. Springer; p.119-138. NLB ID: 101686657.
 - **Baldwin, J.**,* Collins, B.,* Wolf, P.G., Martinez, K., Shen, W., Chuang, C.C., Zhong, W., Cooney, P., Cockrell, C., Chang, E., Gaskins, H.R., McIntosh, M.K. 2016. Table grape consumption reduces adiposity and markers of hepatic lipogenesis and alters gut microbiota in butter fat-fed mice. J Nutr Biochem. Jan; 27: 123-35. PMID: 26423887.
 - Shen, W., **Baldwin, J.**, Collins, B., Hixson, L., Lee, K.T., Herberg, T., Starnes, J., Chuang, C.C., Reid, T., Gupta, S., McIntosh, M. 2015. Low level of trans-10, cis-12 conjugated linoleic acid decreases adiposity and increases browning independent of inflammatory signaling in overweight Sv129 mice. J Nutr Biochem. Jun;26(6):616-25. PMID: 25801353.

10. Statement of purpose:

I am honored to submit my nomination for the position of President-Elect of the South Carolina Academy of Nutrition and Dietetics (SCAND). With a passion for advancing the field of nutrition and dietetics, a strong background in academic leadership, and a commitment to service within our profession, I am eager to contribute to the continued growth and impact of SCAND.

As an Assistant Professor at Winthrop University, I have dedicated my career to education, professional development, and community outreach. My work in gastrointestinal health, dietary interventions, and the microbiome has positioned me as a leader in emerging areas of nutritional science, and I have shared my expertise widely through peer-reviewed publications, national and state conference presentations, and invited lectures. Through my research, teaching, and mentorship, I have been fortunate to help foster the next generation of nutrition professionals who will continue to shape our field and work to improve the health of individuals not only in the state of South Carolina but also around the country and world.

My leadership experience within SCAND and other professional organizations has prepared me perfectly for this role. As the Past President of the Catawba Pee-Dee Dietetics Association and Chair of the SCAND Annual Meeting, I have successfully organized educational events and worked to advance professional development opportunities for our members. My service on national editorial boards, research review



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committees, and as a mentor within the American Society for Nutrition reflects my dedication to both the academic and practical advancement of our field.

As President-Elect, following in the footsteps of instrumental and effective Presidents, I aim to support the important strides they have made in recent years. Thus, my vision for SCAND is to enhance member engagement, expand continuing education opportunities, and strengthen our advocacy efforts at the state and national levels. I aim to foster collaborations between educators, clinicians, and industry professionals to ensure that SCAND becomes a leader in shaping the future of nutrition and dietetics in South Carolina. Additionally, I am committed to supporting diversity and inclusion initiatives, improving accessibility of our profession, empowering early-career dietitians, and championing policies that protect and elevate our profession.

I would be honored to serve as President-Elect and to work alongside the members of SCAND to advance our shared mission. I appreciate your consideration of my nomination and look forward to the opportunity to contribute to the growth and success of our organization and profession.

11. Work address, phone, email:

- Address: Winthrop University; Rock Hill, SC 29733