

Education

(in progress) PhD	University of Edinburgh <i>Edinburgh, United Kingdom</i>	2025 (anticip.)	Food Systems
MS	Cornell University <i>Ithaca, New York, USA</i>	2021	Nutritional Epidemiology
RDN	Cornell University <i>Ithaca, New York, USA</i>	2020	Registered Dietitian Nutritionist
BS	Kansas State University <i>Manhattan, Kansas, USA</i>	2019	Dietetics and Nutrition
BA	Kansas State University <i>Manhattan, Kansas, USA</i>	2019	French Literature
Education Abroad	Université Lumière-Lyon-II <i>Lyon, Auvergne-Rhône-Alpes, France</i>	2018	French Art History

Research Experience

	<u>University of Edinburgh</u>
Sep 2022 -	<b>Doctoral Researcher</b> , Sustainable Food Systems Mentors: Dr Peter Alexander; Prof Lindsay Jaacks; Prof Geraldine McNeill; Dr Alexandra Bellows; and Dr Joe Kennedy <ul style="list-style-type: none"><li>- Simulation modelling to predict health and environmental impacts of diet transitions</li><li>- Integrated machine learning techniques for increased accuracy of diet—disease risk prediction</li><li>- Quantitative analysis; dietary patterns and substitution trends</li></ul>
Sep 2023 -	<b>Research Consultant</b> , ClimateXChange <ul style="list-style-type: none"><li>- Lead systematic review on trends in Scottish consumption patterns</li><li>- Assist with evaluation of direct and indirect environmental impacts from consumption</li></ul>
	<u>European Centre for Advanced Studies</u>
Apr 2023 -	<b>Doctoral Fellow</b> , Sustainable Food Systems Mentors: Prof Lindsay Jaacks (University of Edinburgh); Prof Sebastian Vollmer (University of Göttingen) <ul style="list-style-type: none"><li>- Policy development and analysis aligning with government strategies</li></ul>
	<u>Cornell University</u>
Jun 2020 - Aug 2022	<b>Graduate Research Assistant → Research Assistant</b> , Nutritional Epidemiology Mentors: Prof Patricia Cassano and Dr Bonnie Patchen

- Coordinated development of method pipeline for R01-level nutrigenomics assay
- Quantitative analysis (diet—lung function associations) and dietary pattern score coding

Apr 2021 - Dec 2023	<b>Cochrane Systematic Reviewer</b> , Vitamin D Supplementation and Asthma <ul style="list-style-type: none"> <li>- Screened 10,169 publications, extracted data from 40 publications, meta-analysis, interpretation of results, report writing, GRADE risk of bias assessment, and summary of findings</li> </ul>
Aug 2019 - Jun 2020	<b>Research Dietetic Intern</b> , Community Nutrition and Public Health Mentor: Dr Corinna Noel

## Honors, Awards, and Grants

### University of Edinburgh

Oct 2023 - Feb 2024	<b>Understanding the climate impact of food consumed in Scotland</b> , ClimateXChange Co-investigator	£50,000
Aug 2023	<b>TRAnsforming the DEbate about livestock systems transformation (TRADE)</b> , The Roslin Institute Sub-award; grant ref: BB/W018152/1	£7,200
May - Dec 2023	<b>Lower Saxony–Scotland Doctoral Fellowship</b> , European Centre for Advanced Studies	€5,600
Sep 2022 - Dec 2025	<b>Royal (Dick) School of Veterinary Studies and The Roslin Institute Doctoral Studentship</b> , Global Academy of Agriculture and Food Systems	~£200,000 (tuition + stipend)

### Cornell University

Aug 2020 - May 2021	<b>Graduate Teaching Assistantship</b> , Division of Nutritional Sciences	~\$80,000 (tuition + stipend)
May - Aug 2020	<b>Summer Research Fellowship</b> , Division of Nutritional Sciences	\$8,000

### Kansas State University

May 2019	<b>Outstanding Senior Award in Research and Creative Inquiry</b> , College of Human Ecology	
Aug 2018	<b>Hollis &amp; Johnston Scholarship</b> , Department of Modern Languages	\$1,000
May 2018	<b>Summer Research Scholarship</b> , Kansas State University	\$1,000
Apr 2018 -	<b>Pi Delta Phi (ΠΔΦ)</b> , La Société d'Honneur de Français (The National French Honor Society)	
May 2018	<b>Foreign Language Travel Scholarship</b> , Department of Modern Languages	\$200
Mar 2018	<b>Kansas Nutrition Council Scholarship</b>	\$1,000
Nov 2017	<b>Education Foundation Scholarship</b> , International Facility Management Association	\$1,500
Aug 2016 - May 2019	<b>Vanier Family Scholarship</b> , Kansas State University (recurring yearly)	\$5,700
Aug 2015 - May 2019	<b>Kansas Comprehensive Grant</b> , Kansas State University (recurring yearly)	\$6,000
Aug 2015 - May 2018	<b>Bluemont Grant</b> , Kansas State University (recurring yearly)	\$5,500
Aug 2015	<b>M. Hal &amp; Janice J. Taylor Scholarship</b> , College of Human Ecology	\$500
Aug 2015	<b>Patrice Sollenberger Choral Scholarship</b>	\$500

## Work and Professional Experience

Apr - Aug 2021	<b>WHO/Cochrane/Cornell Institute for Systematic Reviews in Nutrition for Global Policy Making</b> <ul style="list-style-type: none"> <li>- Developed skills and knowledge of systematic reviews, policy making, and evidence assessment</li> </ul>
Aug 2020 - May 2021	<b>Graduate Teaching Assistant</b> , Division of Nutritional Sciences   Cornell University

*Nutrition, Health, and Vegetarian Diets (NS 3030)*  
*Nutrition and Disease (NS 4410)*

Jan - Jul 2020	<b>Clinical Dietetic Intern</b> , Strong Memorial Hospital   Rochester, New York - Specialty rotations in: ICU, Oncology, Pediatrics (+PICU & NICU), Cardiac, Endocrine, Transplant
Aug - Dec 2019	<b>Community Dietetic Intern</b> , Foodlink   Rochester, New York - Assisted in the development/implementation of Healthy Pantry Initiative for regional food pantries
Jul 2017 - Aug 2019	<b>Teaching Assistant</b> , College of Human Ecology   Kansas State University <i>Nutrition and Health (FNDH 599/340)</i> <i>Food Production Management (FNDH 342)</i>
Jan 2019	<b>Externship</b> , Hôpitaux Universitaires de Strasbourg   Strasbourg, Grand Est, France - Patient population: post-operative gastroenterology and outpatient weight management
May 2017 - Aug 2019	<b>Recipe Developer &amp; Management Assistant</b> , Derby & Kramer Dining Centers   Kansas State University - Developed recipes and nutrition education, encouraging sustainable and healthy food choices
Aug 2018 - Aug 2019	<b>Private French Tutor</b>   Manhattan, Kansas

## Professional Activities

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Aug 2023 -	<b>Journal Club Lead</b> , Global Academy of Agriculture and Food Systems
Apr - Sep 2023	<b>Executive Committee (Secretary)</b> , University of Edinburgh Chamber Choir
Nov 2021 - May 2022	<b>Competency Assurance Panel (CAP)</b> , Commission on Dietetic Registration 'Activity Type' Taskforce (subgroup within CAP)
Jun 2021 - Nov 2021	<b>Competency Standards Workgroup</b> , Commission on Dietetic Registration
Jun 2020 - Jun 2021	<b>Professional Issues Chair</b> , Southern Tier Academy of Nutrition and Dietetics (New York State)
May 2018 - Jul 2019	<b>President</b> , La Société Française, Kansas State University
Jan - Apr 2019	<b>Event Planning and Graphic Design</b> , Kansas Academy of Nutrition and Dietetics 2019 Conference
Jan - Apr 2018/2019	<b>Event Planning and Graphic Design</b> , Kansas Nutrition Council 2018 and 2019 Conferences

### Professional Memberships

Mar 2023 -	The Nutrition Society
Dec 2020 -	American Society for Nutrition
Apr 2018 -	Pi Delta Phi (ΠΔΦ), La Société d'Honneur de Français, Kappa Zeta
Aug 2016 -	Academy of Nutrition and Dietetics

## Theses

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(in progress)	<b>Doctoral Dissertation</b> , Global Academy of Agriculture and Food Systems, University of Edinburgh <i>Health and environmental impact of sustainable diet transitions in the UK</i> Committee: Dr Peter Alexander; Prof Lindsay Jaacks; Prof Geraldine McNeill; Prof Rosemary Green (external adviser, London School of Hygiene and Tropical Medicine); and Prof Rob Ogden (dept. chair)
Aug 2021	<b>Master's Thesis</b> , Division of Nutritional Sciences, Cornell University <i>The Association of Dietary Pattern with Lung Function Decline in a Prospective Cohort Study</i> Committee: Prof Patricia Cassano and Prof Saurabh Mehta

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| Jun 2020 | <b>Practicum Project</b> , Division of Nutritional Sciences, Cornell University<br><i>Assessing the Need for Food Safety Training in Western New York State</i><br>Mentor: Dr Corinna Noel                          |
| May 2019 | <b>Bachelor's Capstone</b> , Department of Modern Languages, Kansas State University<br><i>The Cultures of Nutrition in France and the United States: Differing Perspectives</i><br>Mentor: Prof Kathleen Antonioli |

## Publications

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### Peer-reviewed publications

1. **Vonderschmidt A**, Arendarczyk B, Jaacks LM, Bellows AL, Alexander P. Analysis combining the multiple FAO Food Balance Sheet datasets may produce incorrect results. *In press, Lancet Planetary Health, available Feb 6, 2024*

### Government reports

2. Jaacks LM, Frank S, **Vonderschmidt A**, Stewart C, Runions R, Kennedy J, McNeill G, Alexander P. *Evidence Assessment - understanding the climate impact of food consumed in Scotland*. ClimateXChange in collaboration with the University of Edinburgh; December 2023. *In press, available spring 2024*
3. Comrie F, Jaacks LM, Kennedy J, McDonald A, McNeill G, Runions R, Stewart C, **Vonderschmidt A**. *Approaches to modelling impact of reduction in meat and dairy intakes on micronutrient intakes and disease risk*. Food Standards Scotland in collaboration with the University of Edinburgh; August 2023. *In press, available spring 2024*

### Current projects

4. Patchen BK, Best CM, Boiteau JM, Solvik BS, **Vonderschmidt A**, Xu J, Cohen R, Cassano PA. Vitamin D supplementation in pregnant or breastfeeding women or young children for preventing asthma. *In review, Cochrane Database of Systematic Reviews*
5. Jaacks LM, Amoutzopoulos B, Runions R, **Vonderschmidt A**, McNeill G, Comrie F, McDonald A, Page P, Stewart C. Disaggregation of dairy in composite dishes in the UK. *In review, Current Developments in Nutrition*
6. **Vonderschmidt A**, Bellows A, Jaacks LM, Alexander P, Green R, Stewart C. Contribution of meat-free days, meat-free meals, and portion sizes to declines in meat consumption in the UK. *In review, Nature Food*
7. **Vonderschmidt A**, Patchen BK, Bass K, Arnold KB, Shiroma E, Simonsick E, Hancock DB, Cassano PA. Is dietary pattern associated with rate of lung function decline? *In preparation*
8. Stehl J, **Vonderschmidt A**, Alexander P, Vollmer S, Jaacks LM. Assessing self-sufficiency: an analysis of national food production vs. nutritional requirements. *In preparation*

## Presentations

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1. Stehl J, **Vonderschmidt A** (2023). Assessing Self-Sufficiency: Analyzing the Gap Between National Food Production and Nutritional Requirements. *Lower Saxony – Scotland Joint Forum 2023*, Hannover, Germany | Oral Presentation
2. **Vonderschmidt A**, Bellows A, Jaacks LM, Alexander P, Stewart C (2023). Contribution of meat-free days, meat-free meals, and portion sizes to UK meat consumption declines. *European Public Health Conference, Dublin, Ireland* | Oral Presentation
3. Jaacks LM, Kennedy J, Runions R, Stewart C, **Vonderschmidt A**, McNeill G (2023). Disaggregating foods consumed in Scotland. *Scottish Government Lunchtime Learning Session*. Edinburgh, UK | Panel Presentation

4. **Vonderschmidt A**, Kennedy J, Blair K (2023). Meat consumption, health and sustainable livestock systems: understanding the future of meat. *LandSyMM Core Developer Meeting* | Invited Seminar/Panel Discussion
5. **Vonderschmidt A**, Bellows A, Jaacks LM, Alexander P, Stewart C (2023). Contribution of meat-free days, meat-free meals, and portion sizes to declines in meat consumption in the UK. *R(D)SVS Research Student Day* | Oral & poster Presentation
6. **Vonderschmidt A** (2022). Impact on population and environmental health of the UK National Food Strategy goal for reducing meat consumption. *Global Academy of Agriculture and Food Systems Young Researchers Seminar* | Invited Lecture
7. **Vonderschmidt A**, Bass K, Patchen BK, Arnold KB, Shiroma E, Simonsick E, Hancock DB, Cassano PA (2022). Is the Healthy Eating Index-2015 Associated With Rate of Decline in Lung Function. *American Society for Nutrition 2022 Conference* | Poster Presentation
8. **Vonderschmidt A** (2021). Quantitative Data: Coding and Analysis. *Introduction to Community Nutrition Research for Dietetic Interns (NS 6350)*, Cornell University | Invited Guest Lecture
9. **Vonderschmidt A** (2021). Processed Meat Intake and Risk of Chronic Obstructive Pulmonary Disease among Middle-aged Women (Varraso et al., 2019). *Seminar in Nutritional Sciences (NS 7030)*, Cornell University | Analytical Review  
Advising Mentor: Prof Saurabh Mehta
10. Bass K, **Vonderschmidt A**, Patchen BK, Cassano PA, (2021). Does Adherence to the HEI-2015 and AMED Predict Subsequent Rate of Lung Function Decline. *Cornell Undergraduate Research Board (CURB) Spring Symposium, Cornell University* | Poster Presentation
11. **Vonderschmidt A** (2020). Assessing the Need for Food Safety Training in Western New York State. *University of Rochester Medical Center Dietetic Intern Research Symposium* | Poster Presentation
12. **Vonderschmidt A** (2020). Assessing the Need for Food Safety Training in Western New York State. *New York Academy of Nutrition and Dietetics 2020 Conference (cancelled; COVID-19)* | Poster Presentation
13. **Vonderschmidt A** (2019). The Cultures of Nutrition in France and the United States: Differing Perspectives. *Kansas Academy of Nutrition and Dietetics 2019 Conference* | Poster Presentation
14. **Vonderschmidt A** (2019). The Cultures of Nutrition in France and the United States: Differing Perspectives. *Kansas State University Modern Languages 2019 Initials: Student Research Forum* | Poster Presentation

## Certifications

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Jul 2020 - **Registered Dietitian Nutritionist**, Commission on Dietetic Registration (certification #86106159)

## Proficiencies

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Language	<b>English</b> , native/C2   <b>French</b> , fluent/C2   <b>German</b> , novice/B1
Coding & Analysis	<u>GitHub</u> - <b>R</b> , <b>Python</b> , <b>html</b> , <b>SAS</b> , <b>Covidence</b> & <b>RevMan</b> , <b>Quanto</b> , <b>JMP</b>

Strategic | Activator | Futuristic | Communication | Individualization

(Clifton Strengths - Gallup)