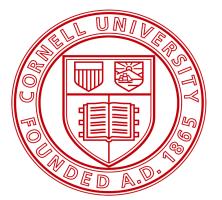
**DIVISION OF NUTRITIONAL SCIENCES** 



College of Human Ecology | College of Agriculture and Life Sciences

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### **Research Background**

- Socially disadvantaged populations are disproportionately affected by nutritionrelated chronic diseases
- There is a need to provide easily accessible, translated, trustworthy, relevant health and nutrition data to socioeconomically disadvantaged communities

### Objectives

- The Patient Activated Learning System (PALS) is a web-based resource that provides engaging, easily understood, and well-researched medical and nutrition information to the public
- Evidence-based data is presented through the creation of reusable knowledge objects (RKOS) that are displayed on a single-objective webpage

### Methods

Multidisciplinary Partnership: Cornell University Division of Nutritional Science, Cornell 000 Cooperative Extension and New York State EFNEP, Weill Cornell General Internal Medicine, PALS

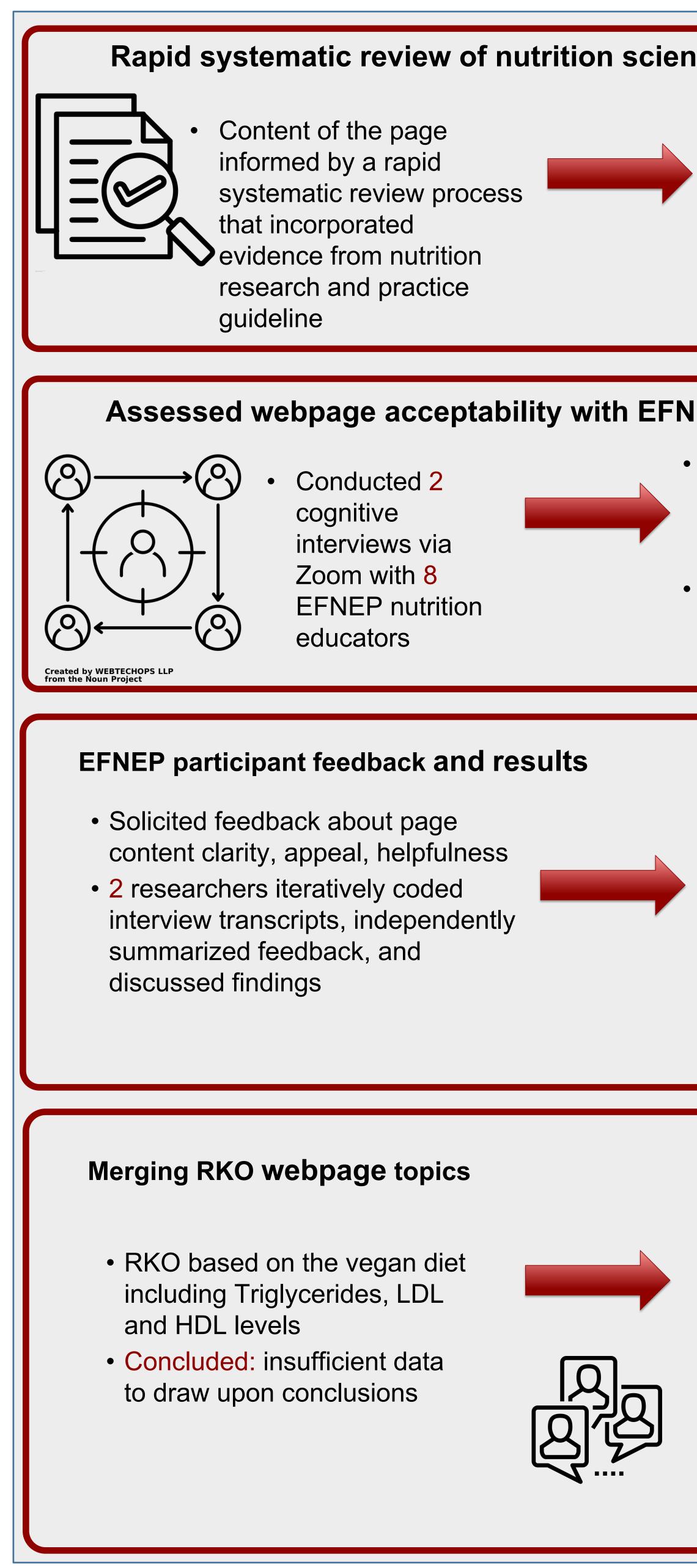
- Conducted research protocols using PALS manual
- Researched PubMed, non-PubMed and primary literature reviews using PALS replicable research manual



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# Delivery of Medical and Nutritional Data Patient Activated Learning System (PALS)

**Process and Results** 











<ul> <li>ntific evidence &amp; practice guidelines</li> <li>This influences PALS webpage contents:</li> <li>Evidence Review Summary for professionals</li> <li>Public-facing content at the 6-8 grade reading level</li> <li>Manualized the evidence review process</li> </ul>	Answer
<ul> <li>NEP educators</li> <li>Qualitative coding and analysis of focus group and interview transcripts (through CISER research platform)</li> <li>Revise RKO based on focus group interviews and team edits</li> </ul>	Foods High Dietary Pa Higher Fib
<ul> <li>Pages offer relevant, easily digestible content</li> <li>Demonstrated understanding of content</li> <li>Most found content helpful and would return to PALS, citing clarity of information and perceived trustworthiness of source</li> </ul>	Creation         a cou         a cou         evide
<ul> <li>Redefined Vegan diet RKO and determined a more applicable question to define the Vegan diet</li> <li>Used the PALS protocol to redefine the vegan diet</li> <li>"Is the Vegan diet heart health?"</li> <li>Included HDL, LDL, blood pressure, C-RP, triglycerides</li> </ul>	

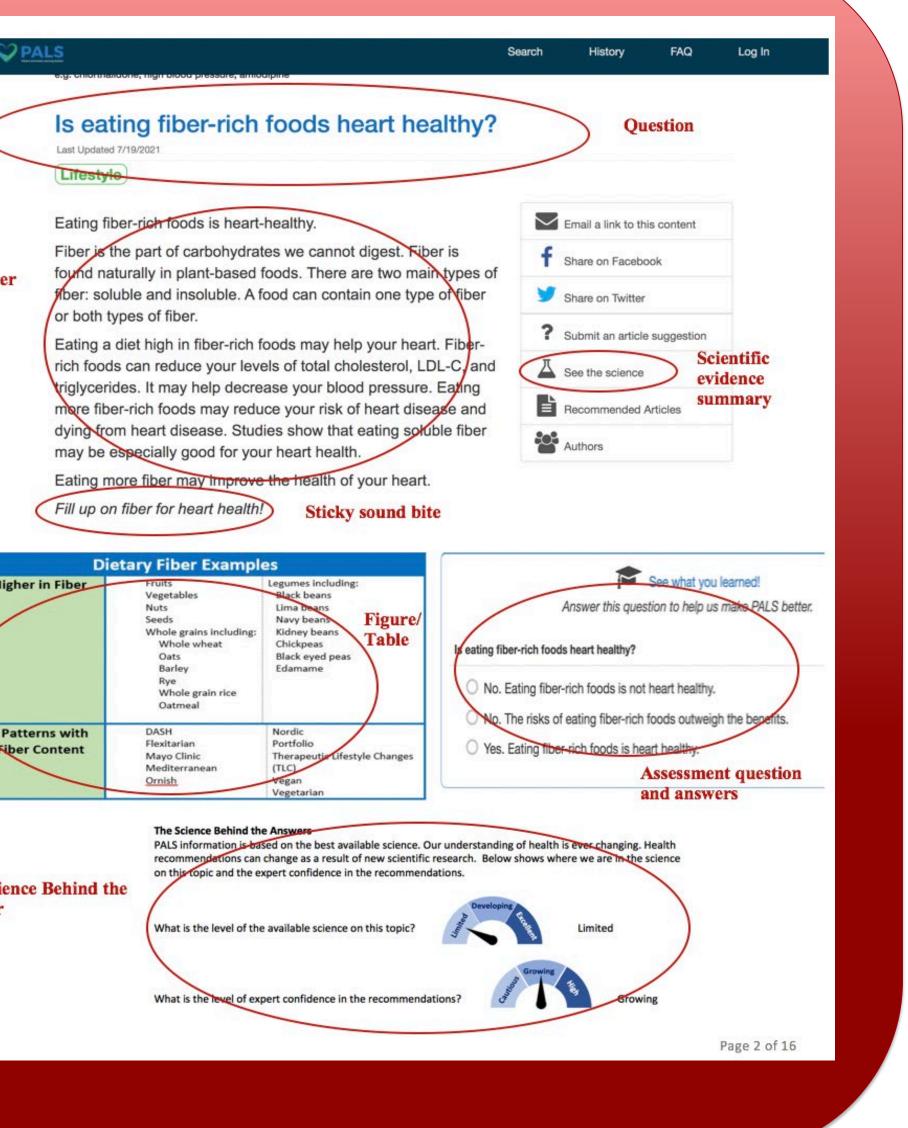








## Webpage Interface



#### Conclusions

ate a strong pipeline to produce nutritioned PALS content, including development of urse to teach the replicable process for ence review and knowledge translation.



PALS Course 2020



Cornell Brooks Public Policy