

2020 Dietary Guidelines Advisory Committee

Chair Remarks

Barbara Schneeman, PhD

[DietaryGuidelines.gov](https://www.dietaryguidelines.gov)

Chair Remarks

- Review of topics discussed at Meeting 2
 - Subcommittee structure
 - Approaches to examine the evidence
 - Protocol elements:
 - NESR systematic reviews, including standard inclusion and exclusion criteria
 - Data analysis
- Progress since Meeting 2
- Agenda for Meeting 3



Chair Remarks

2020 Dietary Guidelines Advisory Committee: Meeting 3

2020 Dietary Guidelines Advisory Committee

Subcommittee Structure and Membership

Dietary Patterns	Pregnancy and Lactation	Birth to 24 Months	Beverages and Added Sugars	Dietary Fats and Seafood	Frequency of Eating
Chair: Carol Boushey	Chair: Sharon Donovan	Chair: Kay Dewey	Chair: Elizabeth Mayer-Davis	Chair: Linda Snetselaar	Chair: Steven Heymsfield
Chair/Vice Chair rep: Barbara Schneeman	Chair/Vice Chair rep: Ron Kleinman	Chair/Vice Chair rep: Ron Kleinman	Chair/Vice Chair rep: Barbara Schneeman	Chair/Vice Chair rep: Barbara Schneeman	Chair/Vice Chair rep: Ron Kleinman
Members: Jamy Ard Lydia Bazzano Steven Heymsfield Elizabeth Mayer-Davis Joan Sabate Linda Snetselaar Linda Van Horn	Members: Kay Dewey Rachel Novotny Jamie Stang Elsie Taveras	Members: Lydia Bazzano Teresa Davis Sharon Donovan Elsie Taveras	Members: Heather Leidy Richard Mattes Timothy Naimi Rachel Novotny	Members: Regan Bailey Joan Sabate Linda Van Horn	Members: Carol Boushey Heather Leidy Richard Mattes

Data Analysis and Food Pattern Modeling – Cross-Cutting Working Group	Chair: Regan Bailey Chair/Vice Chair rep: Barbara Schneeman	Members: Jamy Ard Teresa Davis Timothy Naimi Jamie Stang
--	---	--

Approaches to Examine the Evidence

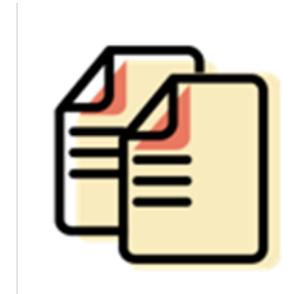
- Each approach uses a rigorous methodology
- Federal staff support the Committee, but the ultimate conclusions and recommendations are of the Committee



Data Analysis



**Food Pattern
Modeling**



**NESR
Systematic Reviews**

Protocols

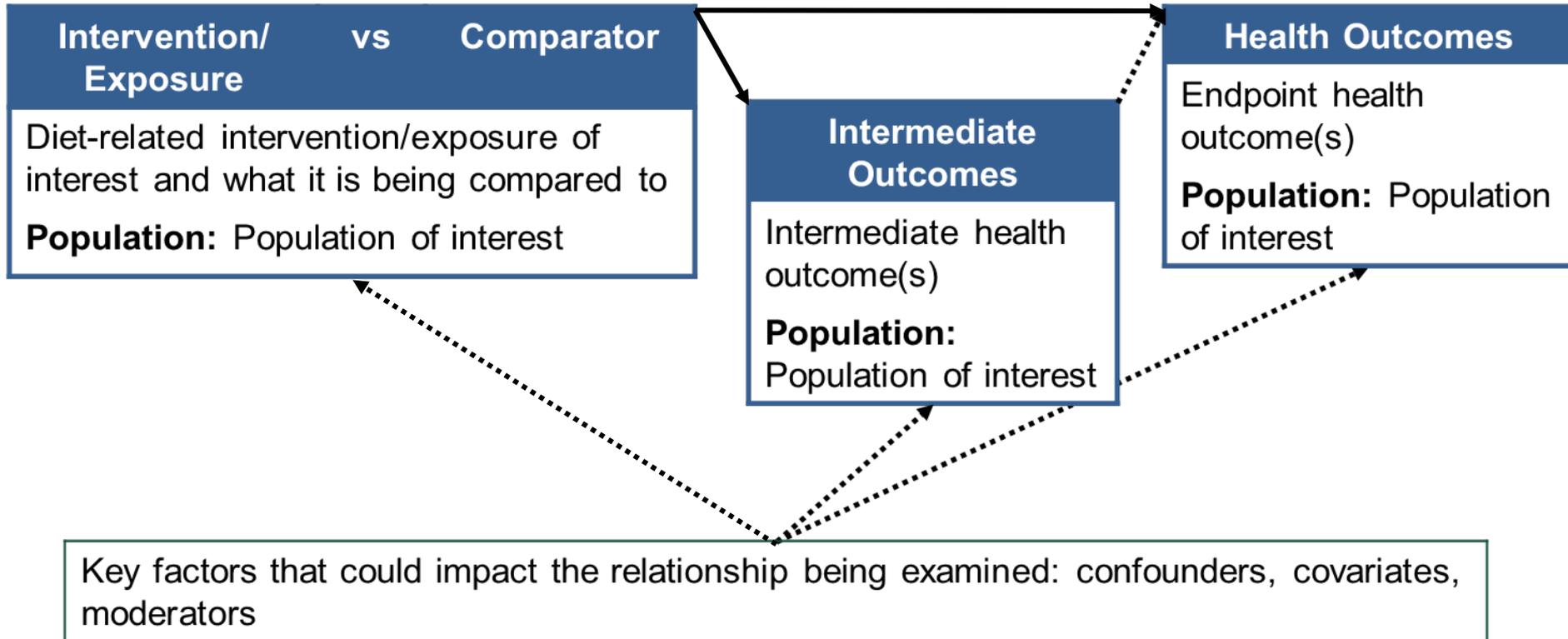
- A protocol is a plan for how one of the scientific approaches will be used to examine evidence related to one question.
- The Committee creates a protocol for each question before we examine any evidence.
- Protocols are posted online for the public to view to better understand the approach used to answer a specific scientific question.

NESR Systematic Review Protocols

- Analytic framework
- Inclusion and exclusion criteria
- Search strategy (databases)
- *Flowchart of literature search and screening results**
- *Included articles**
- *Excluded articles with rationale**

**After search results are available, these sections will be added to the protocol document*

Components of a NESR Analytic Framework



Key definitions

[Term] – [definition]

[Term] – [definition]

[Term] – [definition]

Legend



The relationship of interest in the systematic review



Factors that may impact the relationship of interest in the systematic review

NESR Inclusion and Exclusion Criteria

- Established by the Committee up front to provide an objective, consistent, and transparent framework for identifying articles to include in each review
- Framed around relevancy to U.S. Federal policy
- Standard criteria have been applied to the extent possible
- Some criteria are tailored to the specific review, such as:
 - Diet-related intervention/exposure of interest
 - Health outcomes, endpoint and/or intermediate
 - Date of publication
 - Size of study groups
 - Study duration
 - Age of study participants

Standard NESR Inclusion and Exclusion Criteria

Category	Inclusion Criteria	Exclusion Criteria
Study design	<ul style="list-style-type: none"> • Randomized controlled trials • Non-randomized controlled trials, including quasi-experimental and controlled before-and-after studies • Prospective cohort studies • Retrospective cohort studies • Nested case-control studies 	<ul style="list-style-type: none"> • Uncontrolled trials • Case-control studies • Cross-sectional studies • Uncontrolled before-and-after studies
Publication status	Peer-reviewed articles	Non-peer-reviewed articles (e.g., unpublished data, manuscripts, pre-prints, reports, abstracts, and conference proceedings)
Language of publication	English	Languages other than English
Country	Very High or High Human Development (based on the year the study was conducted)	Medium or lower Human Development
Study participants	Humans, males and females	Non-human participants (e.g., animal or in-vitro models)

Standard NESR Inclusion and Exclusion Criteria

Category	Inclusion Criteria	Exclusion Criteria
Health status of study participants*	<p>Studies that enroll:</p> <ul style="list-style-type: none"> • participants who are healthy and/or at risk for chronic disease, <i>including those with obesity</i> • some participants diagnosed with a disease or with the health outcome of interest • infants born full-term (≥ 37 weeks and 0/7 days gestational age), • some infants born preterm full-term (≥ 37 weeks and 0/7 days gestational age), or low birth weight ($< 2500\text{g}$), or small for gestational age 	<p>Studies that <i>exclusively</i> enroll:</p> <ul style="list-style-type: none"> • participants diagnosed with a disease, or hospitalized with an illness or injury (For this criterion, studies that exclusively enroll participants with obesity will <i>not</i> be excluded) • participants with the outcome of interest (i.e., studies that aim to treat participants who have already been diagnosed with the outcome of interest) • infants born preterm, or low birth weight ($< 2500\text{g}$), or small for gestational age

**In each protocol, this criterion has been tailored specifically for the outcomes being examined*

Data Analysis Protocols

The Committee's protocols provide:

- analytic framework - describes the overall scope of the question
- analytic plan - details the data and subsequent included analyses
- analysis results - *includes reports that describe the analytic methods and summarize results (e.g. data tables and figures)**

**After the analytic plan has been finalized and implemented, the methods and results will be added to the protocol document*

Chair Remarks

2020 Dietary Guidelines Advisory Committee: Meeting 3

Question Status is Available at DietaryGuidelines.gov

Topics and Questions Under Review by the Committee

Still to Come Developing the Plan Implementing the Plan Draft Conclusion

<input type="checkbox"/>	Review of this question is still to come. Check back for updates.
<input type="checkbox"/>	The subcommittee is developing the plan for reviewing the evidence to answer the question. For systematic review questions, this includes defining terms, identifying inclusion and exclusion criteria, and determining databases to search.
<input type="checkbox"/>	The question is under review. For systematic review questions, this means the search, screening, and review have begun. For other approaches, this means analysis is under way. Over time, draft systematic review protocols will be updated to include search results and lists of included and excluded articles.
<input type="checkbox"/>	The subcommittee has developed a draft answer to the question. Draft conclusions are not considered final until they have been deliberated with and decided upon by the full Committee and published in the Committee's report.

Progress Since 2nd Meeting

- Subcommittees have refined many of the 40 protocols presented at Meeting 2 based on Committee discussion at the meeting and consideration of public comments
- Across the subcommittees:
 - “Other factors to be considered” have been added for transparency
 - “Key confounders” have been aligned for consistency
- Edits made for clarity are available online, and substantive edits will be brought to the full Committee at Meeting 3

Progress Since 2nd Meeting

- Of the 40 protocols presented at Meeting 2:
 - More than half of the NESR systematic review protocols and 5 of the data analysis protocols have moved into implementation
 - NESR staff have been screening a total of over 220,000 articles identified by electronic searches
 - Additional searches are under way and planned in the coming months
 - A few conclusion statements have been drafted
- Subcommittees have drafted 19 new protocols
 - Available at DietaryGuidelines.gov

Meeting 3: Purpose

- Describe the status and provide updates on the work of the Committee; most findings are still to come
- Each subcommittee will have up to 90 minutes, including discussion
- Agenda available at [DietaryGuidelines.gov](https://www.dietaryguidelines.gov); specific times are tentative and subject to change



Chair Remarks

2020 Dietary Guidelines Advisory Committee: Meeting 3

Meeting 3: Today's Agenda

- Opening Remarks
- NESR Synthesis of the Evidence
- Subcommittee Updates:
 - Dietary Patterns Subcommittee
 - Dietary Fats and Seafood Subcommittee
 - Beverages and Added Sugars Subcommittee
- Committee Discussion

Chair Remarks

2020 Dietary Guidelines Advisory Committee: *Meeting 3*

Meeting 3: Tomorrow's Agenda

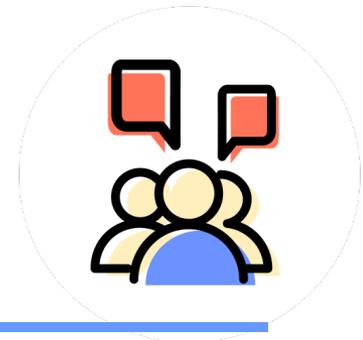
- Opening Remarks
- Subcommittee Updates, Continued:
 - Birth to 24 Months Subcommittee
 - Pregnancy and Lactation Subcommittee
 - Frequency of Eating Subcommittee
 - Data Analysis and Food Pattern Modeling Working Group
- Committee Discussion
- Closing Remarks

Chair Remarks

2020 Dietary Guidelines Advisory Committee: *Meeting 3*

Public Comments to the Committee

- The Committee has received approximately 16,000 written public comments since March 12, 2019.
- If the public has comments specific to the NEW protocols discussed today, please submit them to the Committee by Wednesday, November 7.
- Written public comment period will remain open throughout the Committee's work, ending in 2020.



DietaryGuidelines.gov

2020 Dietary Guidelines Advisory Committee

Chair Remarks

Barbara Schneeman, PhD

[DietaryGuidelines.gov](https://www.dietaryguidelines.gov)