

# 2020 Dietary Guidelines Advisory Committee

## Chair Remarks

*Barbara Schneeman, PhD*

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

# Chair Remarks

- Overview
  - Subcommittee structure
  - Approaches to examine the evidence
  - Information to be discussed
- Subcommittee status
- Agenda for Meeting 4



# 2020 Dietary Guidelines Advisory Committee

## *Subcommittee Structure and Membership*

<b>Dietary Patterns</b>	<b>Pregnancy and Lactation</b>	<b>Birth to 24 Months</b>	<b>Beverages and Added Sugars</b>	<b>Dietary Fats and Seafood</b>	<b>Frequency of Eating</b>
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

<b>Data Analysis and Food Pattern Modeling – Cross-Cutting Working Group</b>	Chair: Regan Bailey  Chair/Vice Chair rep: Barbara Schneeman	Members: Jamy Ard Teresa Davis Timothy Naimi Jamie Stang
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# Approaches to Examine the Evidence



**Data Analysis**



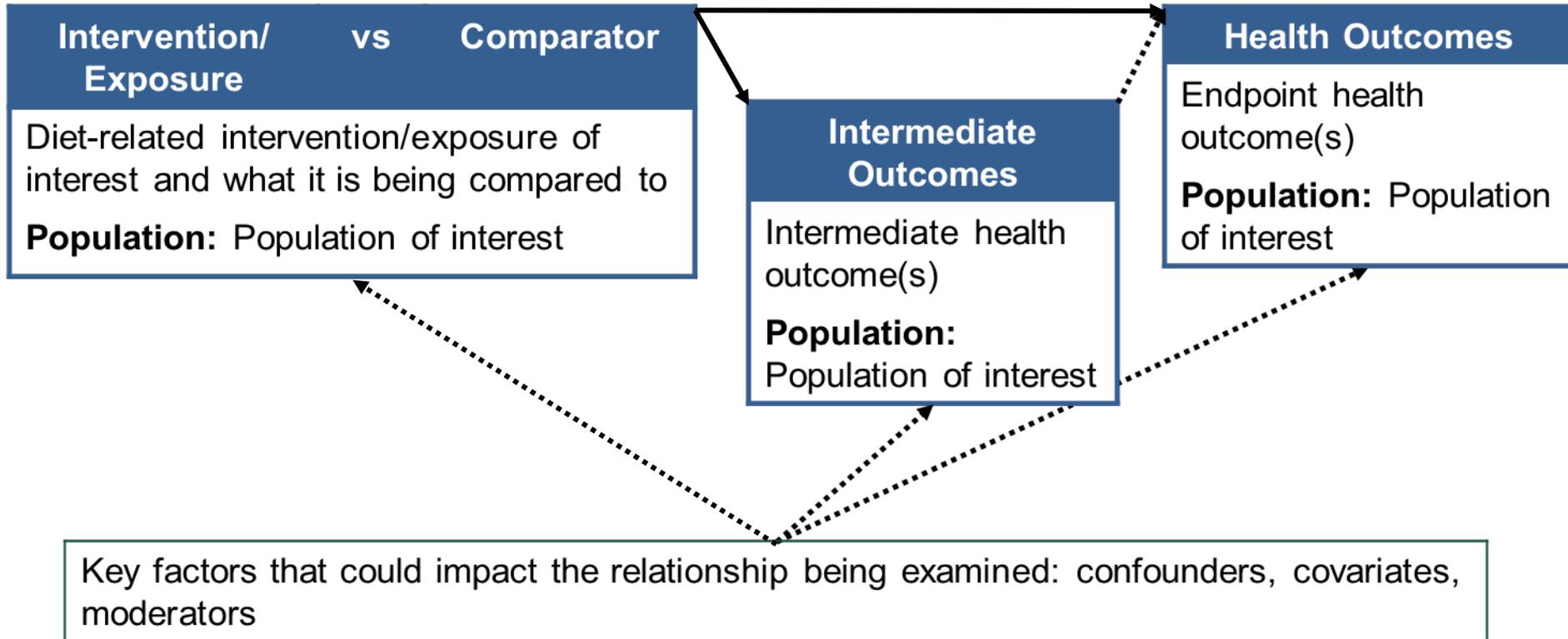
**Food Pattern  
Modeling**



**NESR  
Systematic Reviews**

- A “protocol” is a plan for how one of the scientific approaches will be used to examine evidence related to one question.

# 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: Standard

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	Peer-reviewed articles	Non-peer-reviewed articles (e.g., unpublished data, manuscripts, pre-prints, reports, abstracts, and conference proceedings)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

# NESR Inclusion and Exclusion Criteria: Standard, continued

Category	Inclusion Criteria	Exclusion Criteria
<b>Health status of study participants*</b>	<p>Studies that enroll:</p> <ul style="list-style-type: none"> <li>• participants who are healthy and/or at risk for chronic disease, <i>including those with obesity</i></li> <li>• <b>some</b> participants diagnosed with a disease or with the health outcome of interest</li> <li>• infants born full-term (<math>\geq 37</math> weeks and 0/7 days gestational age),</li> <li>• <b>some</b> infants born preterm full-term (<math>\geq 37</math> weeks and 0/7 days gestational age), or low birth weight (<math>&lt; 2500</math>g), or small for gestational age</li> </ul>	<p>Studies that <b><i>exclusively</i></b> enroll:</p> <ul style="list-style-type: none"> <li>• 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)</li> <li>• participants with the outcome of interest (i.e., studies that aim to treat participants who have already been diagnosed with the outcome of interest)</li> <li>• infants born preterm, or low birth weight (<math>&lt; 2500</math>g), or small for gestational age</li> </ul>

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

# NESR Inclusion and Exclusion Criteria: Tailored

- 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

# NESR Systematic Reviews: Additional Elements Presented

- Flow chart of literature search and screening results
- Description of the evidence
- Summary of the evidence synthesis
- DRAFT Conclusion Statement and Grade

# Data Analysis Questions

Include similar elements:

- Analytic framework
- Analytic plan
- Results
- DRAFT Conclusion Statement(s)

# DRAFT Conclusion Statements

- Answer to the question based on the evidence reviewed
- Drafted by the subcommittees and brought to the full Committee for discussion at the public meetings
- Considered draft until the Committee submits its report to the Secretaries

# NESR Systematic Reviews: Peer-Review

- After conclusion statements are discussed by the Committee at public meetings, NESR systematic reviews will go through peer-review
- Peer-review is being coordinated by USDA's Agricultural Research Service
- Draft conclusion statements will be posted online after peer-review is completed

# Subcommittee Status

- Draft conclusions for approximately 30 questions will be presented during this meeting, including NESR systematic reviews and data analysis
- To date, across the subcommittees, NESR has screened over 265,000 articles and extracted data and assessed risk of bias of over 500 articles
- Utilizing nearly 50 different types of data analyses from NHANES What We Eat in America
- Food pattern modeling work has begun
- We have refined the report outline and are beginning to prepare report content
- Task at hand is large
- Members and staff have worked to refine, streamline, and prioritize remaining work

Chair Remarks

2020 Dietary Guidelines Advisory Committee: Meeting 4

# Meeting 4: Purpose

- Describe the status and provide updates on the work of the Committee
- Agenda available at [DietaryGuidelines.gov](https://www.dietaryguidelines.gov)
- Today and tomorrow:
  - Meeting will begin at 9:00 am Central time
  - Afternoon session will begin at 1:00 pm Central time
  - Breaks are not set for specific times, but will be taken as they fit within the discussion



**Chair Remarks**

**2020 Dietary Guidelines Advisory Committee: Meeting 4**

# Meeting 4: Today's Agenda

- Opening Remarks
- Subcommittee Updates:
  - Birth to 24 Months Subcommittee
  - Pregnancy and Lactation Subcommittee
  - Dietary Fats and Seafood Subcommittee
  - Beverages and Added Sugars Subcommittee
  - Data Analysis and Food Pattern Modeling Cross-Cutting Working Group
- Committee Discussion

Chair Remarks

2020 Dietary Guidelines Advisory Committee: *Meeting 4*

# Meeting 4: Tomorrow's Agenda

- Opening Remarks
- Subcommittee Updates, Continued:
  - Dietary Patterns Subcommittee
  - Frequency of Eating Subcommittee
- Committee Discussion
- Public Comments

Chair Remarks

2020 Dietary Guidelines Advisory Committee: *Meeting 4*

# Public Comments to the Committee

- The Committee has received approximately 17,775 written public comments since March 12, 2019.
- If the public has comments specific to the NEW protocols discussed during this meeting, submit them to the Committee by Friday, February 7.
- Written public comment period will remain open throughout the Committee's work, ending in May 2020.

