

UNT HEALTH SCIENCE CENTER

Beyond Short Sleep: What Role Does Sleep Play in Obesity?

Brandy M. Roane, PhD, CBSM Associate Professor Institute of Cardiovascular and Metabolic Diseases

Relevant Disclosure

Under Accreditation Council for Continuing Medical Education guidelines disclosure must be made regarding <u>relevant</u> financial relationships with commercial interests within the last 12 months.

Brandy M. Roane, PhD, CBSM

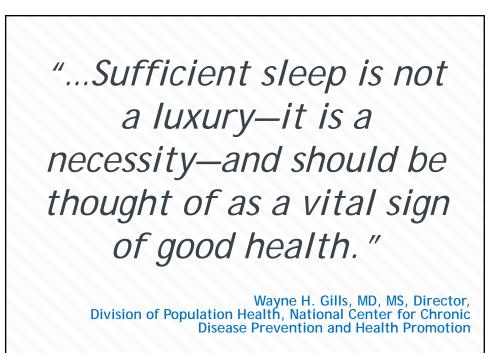
I have no relevant financial relationships or affiliations with commercial interests to disclose.



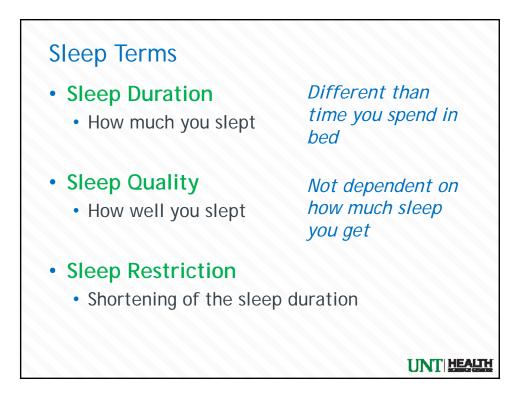
At the end of the presentation the audience should be able to:

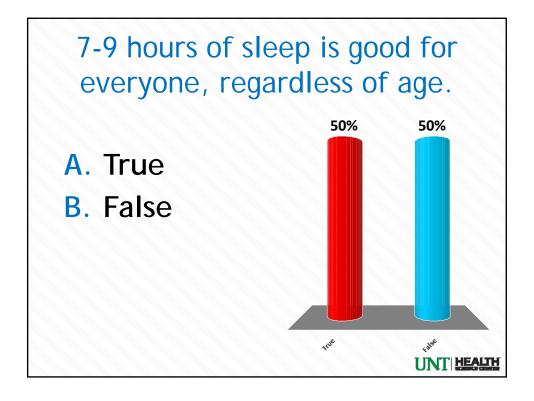
- 1. Differentiate key sleep parameters that influence obesity
- 2. Summarize how these sleep parameters contribute to obesity
- 3. Identify sleep parameters to target and external factors that need further consideration to reduce obesity rates

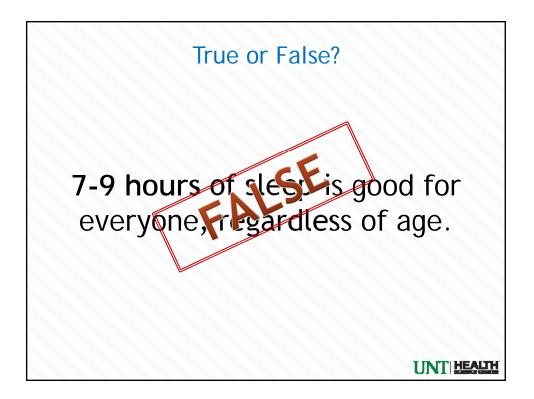
UNT HEALTH



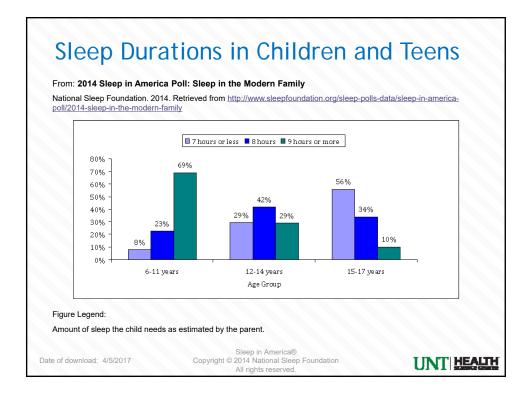
So, what do we mean by 'sufficient sleep'?



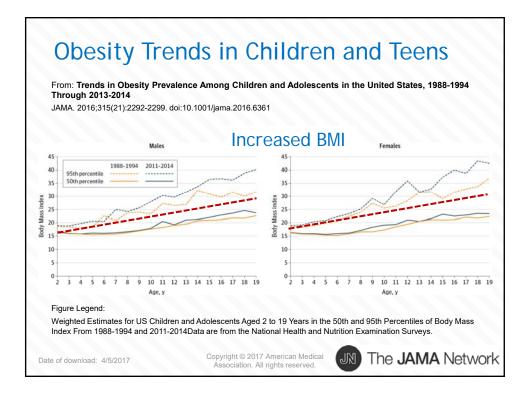


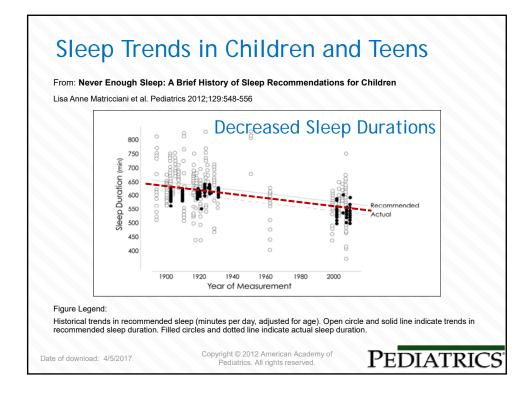


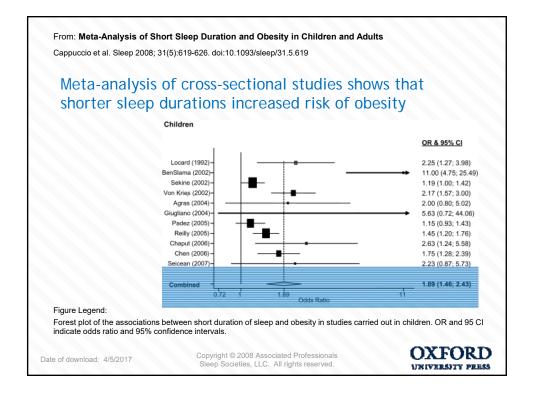
| The answer: It de | pends. |
|---------------------------------|-------------|
| Newborns | 16-18 hours |
| Toddlers | 13-15 hours |
| Preschool schoolers | 11-13 hours |
| Elementary schoolers | 11-12 hours |
| Middle schoolers | 10-11 hours |
| Teens | 9-10 hours |
| Adults (including Older Adults) | 7-9 hours |

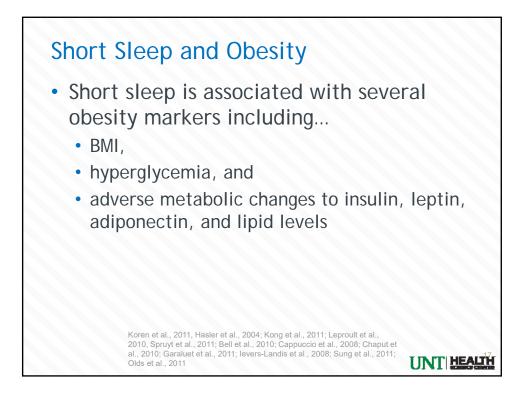


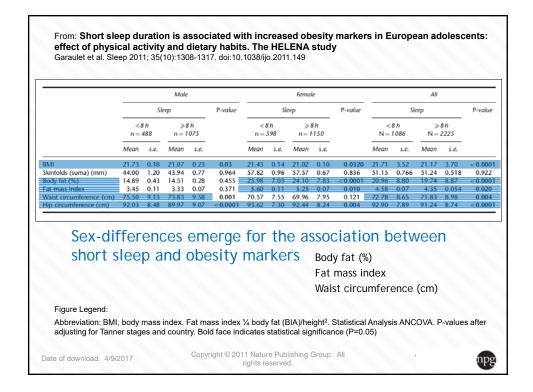


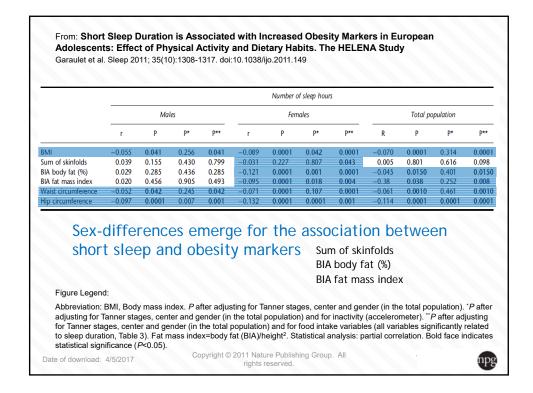


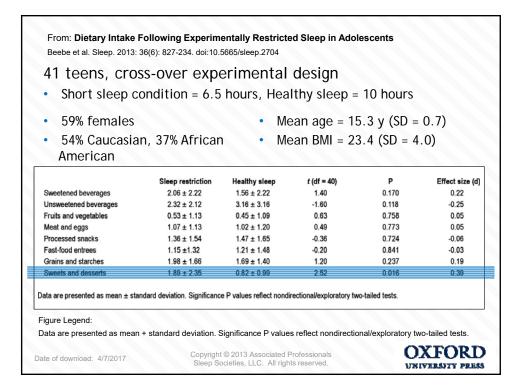




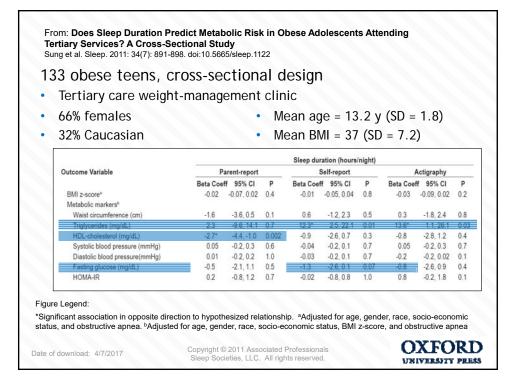


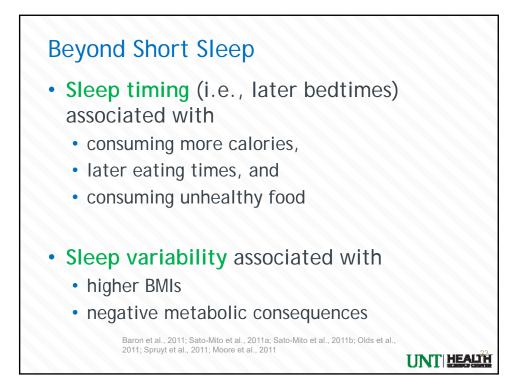


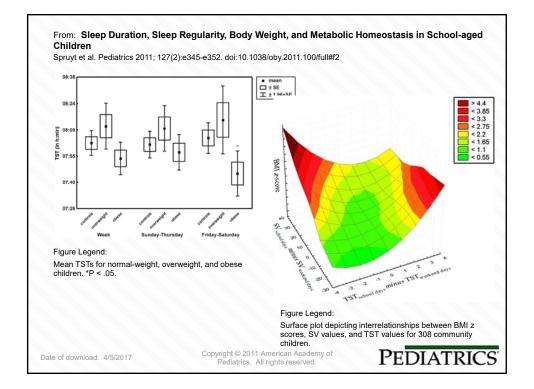


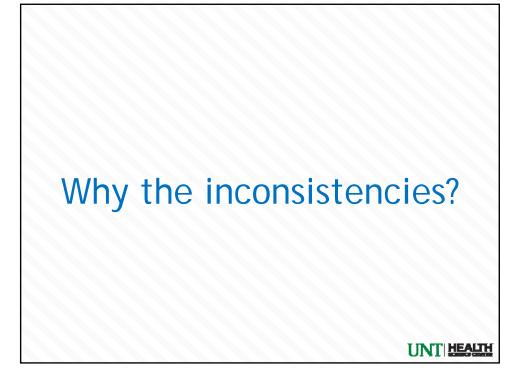


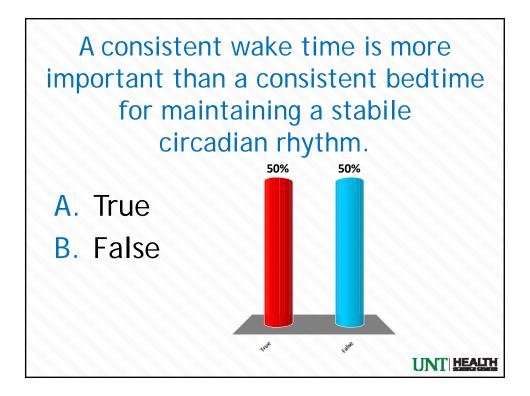
Association between short sleep and obesity not always significant.

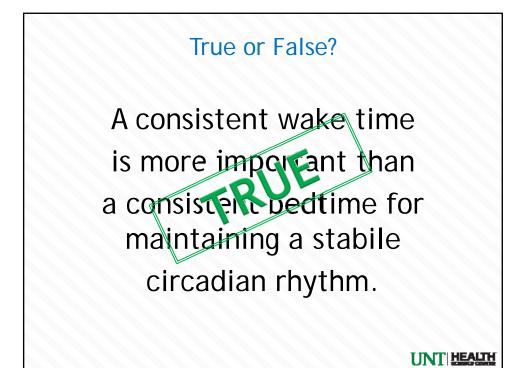


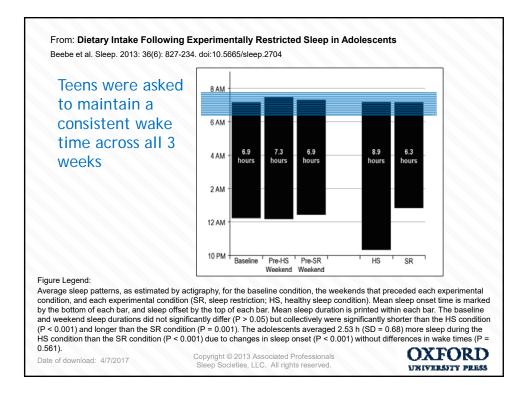


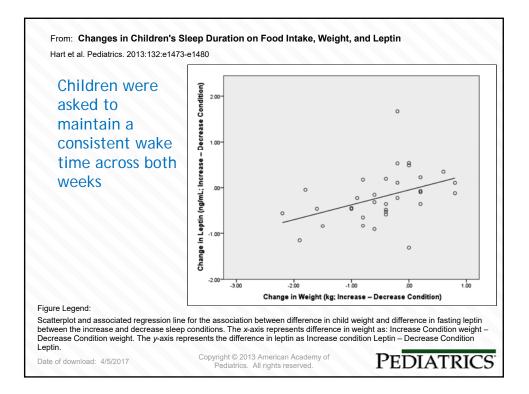


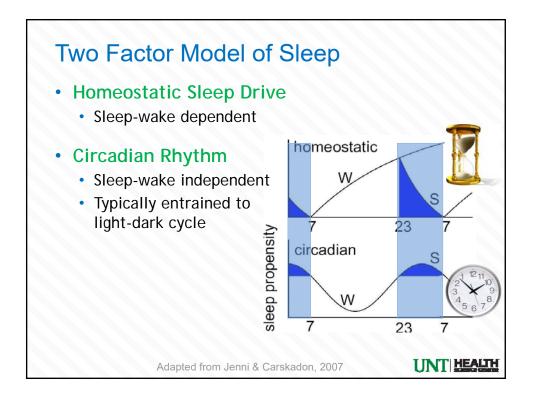


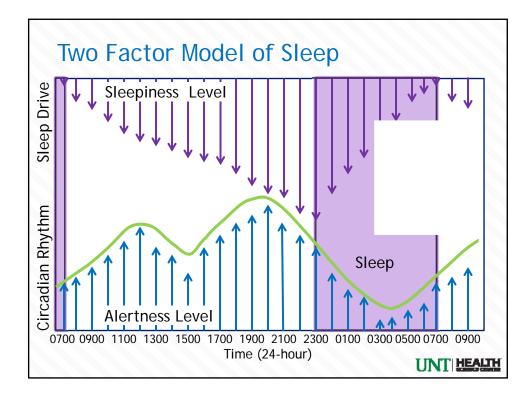


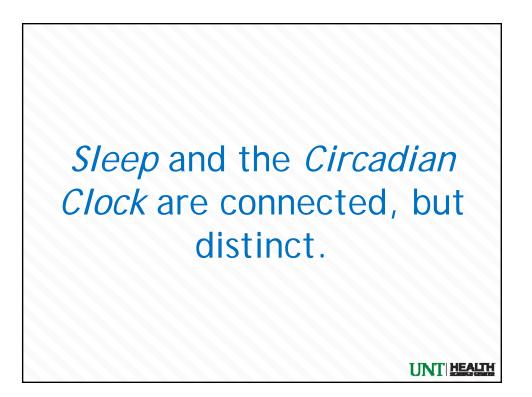


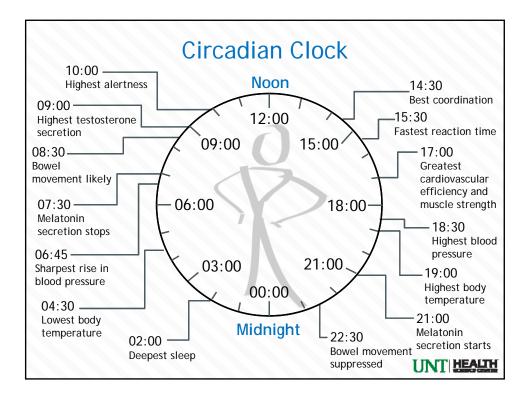


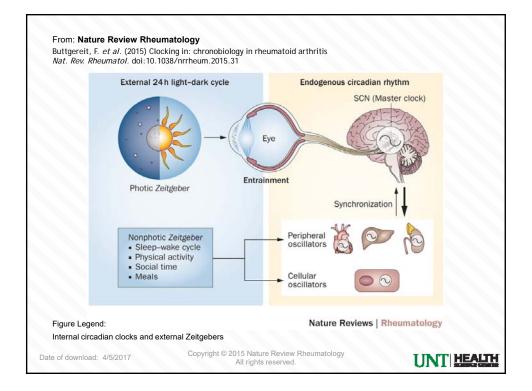


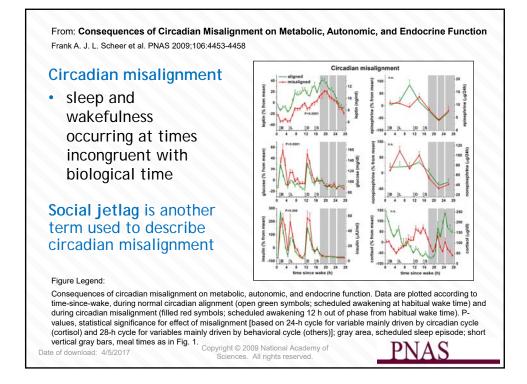


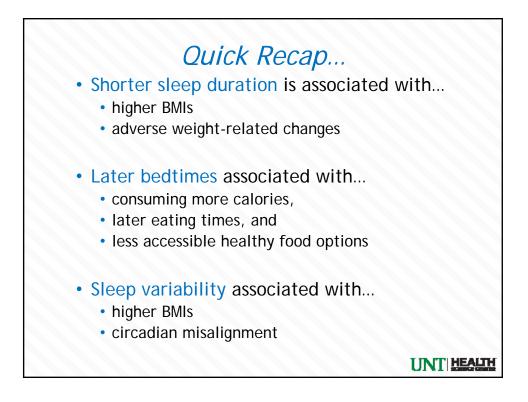


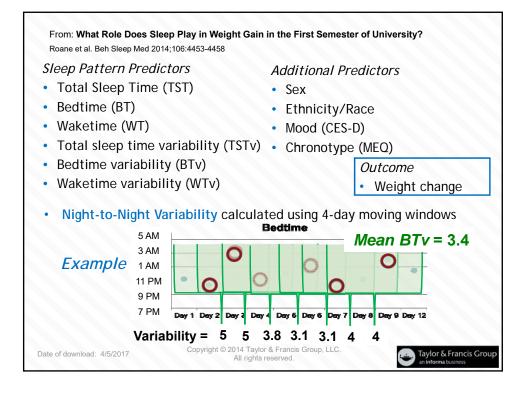


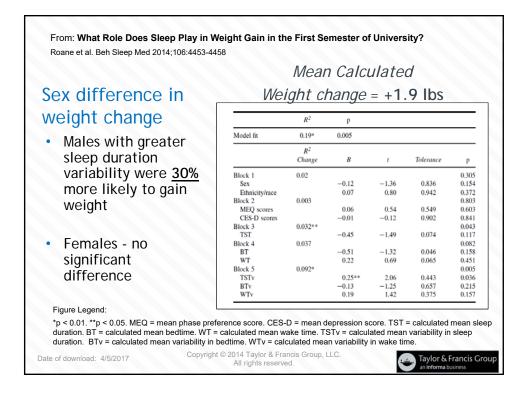












Still unsure which sleep parameters need to be targeted to improve obesity markers

