## Some Research Links Sleep & School Start Times

California <u>passes law</u> to require all secondary schools to start later.

Research Brief for journal article below:

High school students' feelings: Discoveries from a large national survey and an experience sampling study <a href="https://www.sciencedirect.com/science/article/abs/pii/S0959475218304444#!">https://www.sciencedirect.com/science/article/abs/pii/S0959475218304444#!</a>

Jack S Peltz, Ronald D Rogge, Heidi Connolly, Parents still matter: the influence of parental enforcement of bedtime on adolescents' depressive symptoms, *Sleep*, , zsz287, https://doi.org/10.1093/sleep/zsz287

Article prepared by Dr. Max Van Gilder, NYS Coordinator for Start School Later, October 2019

August 2019 Washington Post <u>article</u>: "What's a 'normal" bedtime for a 5-year old?" <u>Bedtime Routines for School-Aged Children</u>, from healthychildren.org

12/12/2018 Article from NPR on Seattle public schools start time change.

Study that NPR article summarizes.

Interview of the study research lead

2/9/2019 Washington Post Article, "At these schools, later start times get an A-plus for youths needing more sleep"

Post from parenting website, "Grown&Flown"

Elementary students and start times-- WGBH story about one district (2018)

Minneapolis Public Schools Study about elementary start times (1998)

<u>Journal Report from National Sleep Foundation</u>: School start time changes and sleep patterns in elementary school students

American Academy of Pediatrics adolescent sleep <u>report</u>, and general sleep <u>recommendations</u> National Sleep Foundation <u>recommendations</u>

NYSSBA Position Statement (Scroll to VII.4)

Research Brief from Hanover Research

TED talk by Sleep Researcher, Wendy Troxel

National Organization: <u>StartSchoolLater</u>, and <u>their video</u> from the National Conference on Adolescent Sleep

- 1) http://time.com/4741147/school-start-time/
- 2) <a href="https://www.sciencedaily.com/releases/2017/01/170123115558.htm">https://www.sciencedaily.com/releases/2017/01/170123115558.htm</a>
- 3) https://sleepfoundation.org/sleep-news/backgrounder-later-school-start-times
- 4) <a href="https://www.rand.org/blog/2017/09/the-early-bird-catches-the-worm-probably-not-says-science">https://www.rand.org/blog/2017/09/the-early-bird-catches-the-worm-probably-not-says-science</a> <a href="e.html">e.html</a>
- 5) https://www.nytimes.com/2017/05/22/well/family/the-science-of-adolescent-sleep.html
- 6) <a href="https://www.cdc.gov/features/school-start-times/index.html">https://www.cdc.gov/features/school-start-times/index.html</a>
- 7)
  <a href="https://edexcellence.net/articles/delaying-school-start-times-you-snooze-you-win?utm\_source="fordham+Updates&utm\_campaign=d4153a4a17-EMAIL\_CAMPAIGN\_2017\_10\_25&utm\_medium=email&utm\_term=0\_d9e8246adf-d4153a4a17-71573573&mc\_cid=d4153a4a17&mc\_eid=2e367e2911">https://edexcellence.net/articles/delaying-school-start-times-you-snooze-you-win?utm\_source=Fordham+Updates&utm\_campaign=d4153a4a17-EMAIL\_CAMPAIGN\_2017\_10\_25&utm\_medium=email&utm\_term=0\_d9e8246adf-d4153a4a17-71573573&mc\_cid=d4153a4a17&mc\_eid=2e367e2911</a>
- 8) http://www.kappanonline.org/later-start-time-for-teens/
- 9)
  <a href="https://www.ted.com/talks/wendy\_troxel\_why\_school\_should\_start\_later\_for\_teens">https://www.ted.com/talks/wendy\_troxel\_why\_school\_should\_start\_later\_for\_teens</a>
  Her bio: <a href="https://www.ted.com/speakers/wendy\_troxel">https://www.ted.com/speakers/wendy\_troxel</a>
- 10) <a href="http://www.startschoollater.net/uploads/9/7/9/6/9796500/aasm\_position\_statement\_on\_delaying\_school\_start\_times.pdf">http://www.startschoollater.net/uploads/9/7/9/6/9796500/aasm\_position\_statement\_on\_delaying\_school\_start\_times.pdf</a>
- 11) Park City, Utah school district: <a href="http://www.pcschools.us/index.php?page=392.1">http://www.pcschools.us/index.php?page=392.1</a>
- 12) Videos? <a href="https://www.schoolstarttimeconference.org/">https://www.schoolstarttimeconference.org/</a>
- 13) <u>Healthy sleep habits for elementary students</u> with a guideline chart, along with the <u>controversy that the chart caused</u>.

14)

https://www.psychologytoday.com/us/blog/child-sleep-zzzs/201702/earlier-school-start-times-elementary-school-students

15)

Study of 9,000 secondary students