

# Daniel R. Taber, PhD, MPH

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## **CURRENT POSITIONS**

### **President**

Science By Design, LLC  
<http://www.science-by-design.com/>

### **Clinical Assistant Professor**

University of Washington

## **PROFESSIONAL EXPERIENCE**

### **Vice President of Research and Evaluation**

Healthy Food America

2016 – 2017

### **Assistant Professor**

Department of Health Promotion and Behavioral Sciences  
University of Texas Health Science Center at Houston

2013 – 2016

### **Visiting Scholar**

Global Obesity Prevention Center  
Johns Hopkins Bloomberg School of Public Health

May – July 2015

## **EDUCATION & TRAINING**

### **Postdoctoral fellowship**

Institute for Health Research and Policy, University of Illinois at Chicago

2010 – 2012

### **PhD, Epidemiology**

University of North Carolina at Chapel Hill

2005 – 2010

### **MPH, Health Services**

University of Washington

2003 – 2005

### **BA, Religious Studies**

Pomona College

1995 – 1999

## **PEER-REVIEWED PUBLICATIONS**

1. Olstad DL, Ancilotto R, Teychenne M, Minaker LM, **Taber DR**, Raine KD, Nykiforuk CI, Ball K. Can targeted policies reduce obesity and improve obesity-related behaviours in socioeconomically disadvantaged populations? A systematic review. *Obesity Reviews* (in press).
2. Auerbach B, Wolf F, Hikida A, Vallila-Buchman P, Littman A, Thompson D, Loudon D, **Taber D**, Krieger J. Fruit juice and change in body mass index: a meta-analysis. *Pediatrics* (in press).
3. Olstad DL, Teychenne M, Minaker LM, **Taber DR**, Raine KD, Nykiforuk CI, Ball K. Can policy ameliorate socioeconomic inequities in obesity and obesity-related behaviors? A systematic review of the impact of universal policies on adults and children. *Obesity Reviews*. 2016; 17:1198-1217.
4. **Taber DR**, Chriqui JF, Quinn CM, Rimkus LM, Chaloupka FJ. Cross-sector analysis of socioeconomic, racial/ethnic, and urban/rural disparities in food policy enactment in the United States. *Health & Place*. 2016; 42:47-53.
5. Gartner DR, **Taber DR**, Hirsch JA, Robinson WR. The spatial distribution of gender differences in obesity prevalence differs from overall obesity prevalence among US adults. *Annals of Epidemiology*. 2016; 26:293-8.
6. **Taber DR**, Robinson WR, Bleich SN, Wang YC. Oaxaca-Blinder decomposition of disparities in adolescent obesity: deconstructing both race and gender differences. *Obesity*. 2016; 24:719-26.
7. **Taber DR**, Chriqui JF, Vuillaume R, Kelder SH, Chaloupka FJ. The association between state bans on soda only and adolescent substitution with other sugar-sweetened beverages: a cross-sectional study. *International Journal of Behavioral Nutrition and Physical Activity*. 2015; 12:S7.
8. **Taber DR**, Chriqui JF, Powell LM, Perna FM, Robinson WR, Chaloupka FJ. Socioeconomic differences in the association between competitive food laws and the school food environment. *Journal of School Health*. 2015; 85:576-86.
9. **Taber DR**, Chriqui JF, Vuillaume R, Chaloupka FJ. How state taxes and policies targeting soda consumption modify the association between school vending machines and student dietary behaviors: a cross-sectional analysis. *PLOS ONE*. 2014; 9:e98249.
10. **Taber DR**, Pratt CA, Charneco EY, Phillips JA, Dowda M, Going SB. Participation in vigorous sports, not moderate sports, is positively associated with cardiorespiratory fitness among adolescent girls. *Journal of Physical Activity and Health*. 2014; 11:596-603.

11. **Taber DR**, Chriqui JF, Perna FM, Powell LM, Slater SJ, Chaloupka FJ. Association between state physical education (PE) requirements and PE attendance, physical activity, and body mass index change. *Preventive Medicine*. 2013; 57:629-33.
12. Chriqui JF, Turner L, **Taber DR**, Chaloupka FJ. District and state policies are contributing to improved U.S. public elementary school competitive food and beverage environments. *JAMA Pediatrics*. 2013; 167:714-22.
13. Hales DH, Stevens JS Murray DM, **Taber DR**, Roberts A. Identifying state-level policy and provision domains for physical education and physical activity in high school. *International Journal of Behavioral Nutrition and Physical Activity*. 2013; 10:86.
14. **Taber DR**, Chriqui JF, Powell LM, Chaloupka FJ. Association between state laws governing school meal nutrition content and student weight status. *JAMA Pediatrics*. 2013; 167:513-19.
15. **Taber DR**, Chriqui JF, Chaloupka FJ. State laws governing school meals and disparities in fruit/vegetable intake. *American Journal of Preventive Medicine*. 2013; 44:365-72.
16. **Taber DR**, Chriqui JF, Perna FM, Powell LM, Chaloupka FJ. Weight status among adolescents in states that govern competitive food nutrition content. *Pediatrics*. 2012; 130:437-44.
17. **Taber DR**, Chriqui JF, Chaloupka FJ. Differences in nutrient intake associated with state laws regarding fat, sugar, and caloric content of competitive foods. *Archives of Pediatrics & Adolescent Medicine*. 2012; 166:452-8.
18. **Taber DR**, Chriqui JF, Powell LM, Chaloupka FJ. Banning all sugar-sweetened beverages in middle schools: reduction of in-school access and purchasing but not overall consumption. *Archives of Pediatrics & Adolescent Medicine*. 2012; 166:256-62.
19. Chriqui JF, **Taber DR**, Slater SJ, Turner L, Lowrey KM, Chaloupka FJ. The impact of state laws related to infrastructure and safe routes to school on elementary school policies and practices related to walking and biking to school. *Health & Place*. 2012; 18:8-15.
20. **Taber DR**, Chriqui JF, Chaloupka FJ. Association and diffusion of nutrition and physical activity policies on the state and district level. *Journal of School Health*. 2012; 82:201-9.
21. **Taber DR**, Stevens J, Poole C, Maciejewski ML, Evenson KR, Ward DS. State disparities in time trends of adolescent BMI percentile and weight-related behaviors. *Journal of Community Health*. 2012; 37:242-52.
22. **Taber DR**, Chriqui JF, Chaloupka FJ. Geographic disparities in state and district policies targeting youth obesity from 2006-07 to 2008-09. *American Journal of Preventive Medicine*. 2011; 41:407-14.

23. **Taber DR**, Stevens J, Evenson KR, Ward DS, Poole C, Maciejewski, Murray DM, Brownson RC. State policies targeting junk food in schools: racial/ethnic differences in the effect of policy change on soda consumption. *American Journal of Public Health*. 2011; 101:1769-75.
24. **Taber DR**, Stevens J, Lytle LA, Foreman RD, Moody J, Parra-Medina D, Pratt CA. Comparison of school- and non-school-based activity programs in adolescent girls. *Journal of Physical Activity and Health*. 2011; 8:971-7.
25. **Taber DR**, Meischke H, Maciejewski ML. Testing social cognitive mechanisms of exercise in college students. *American Journal of Health Behavior*. 2010; 34:156-65.
26. **Taber DR**, Stevens J, Murray DM, Elder JP, Webber LS, Jobe JB, Lytle LA. The effect of a physical activity intervention on bias in self-reported activity. *Annals of Epidemiology*. 2009; 19:316-22.
27. Boone-Heinonen J, Evenson KR, **Taber DR**, Gordon-Larsen P. Walking for prevention of cardiovascular disease in men and women: a systematic review of observational studies. *Obesity Reviews*. 2009; 10:204-17.
28. Han E, Truesdale KP, **Taber DR**, Cai J, Juhaeri J, Stevens J. Impact of overweight and obesity on hospitalization: race and gender differences. *International Journal of Obesity*. 2009; 33:249-56.
29. Stevens J, **Taber DR**, Murray DM, Ward DS. Advances and controversies in the design of obesity prevention trials. *Obesity*. 2007; 15:2163-70.
30. Stevens J, **Taber DR**. Do's and don'ts of obesity prevention trials. Proceedings of the International Congress on Obesity, Sydney, Australia. Progress in Obesity Research 10, ISBN 978-0-646-47086-3.

## **POLICY & RESEARCH BRIEFS**

1. **Taber DR**, Keita AD, Fallon M, Chaloupka FJ, Andreyeva T, Schwartz MB, Harris JL. Position Statement: Enact Taxes on Sugary Drinks to Prevent Chronic Disease. *Society of Behavioral Medicine*. March 2017. [http://www.sbm.org/UserFiles/file/drink-tax-statement\\_v11-lores.pdf](http://www.sbm.org/UserFiles/file/drink-tax-statement_v11-lores.pdf)
2. Trends in Sugary Drink Consumption in the U.S., 2005-12. *Healthy Food America*. March 2017.
3. The Health Harms of Artificially Sweetened Beverages. *Healthy Food America*. January 2017. [http://www.healthyfoodamerica.org/health\\_effects\\_of\\_diet\\_drinks\\_research\\_brief](http://www.healthyfoodamerica.org/health_effects_of_diet_drinks_research_brief)

## **FUNDING**

### *Past*

NICHD K99/R00 HD073271

7/20/2012 – 6/30/2016

Role: Principal Investigator

“How economic and neighborhood factors modify effects of school obesity policies”

## **CONFERENCE PRESENTATIONS and POSTERS**

*Presentation (discussant):* “The socioeconomic impacts of policy change: contrasting examples of how policy affects inequality,” International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2017 [Victoria, Canada]

*Presentation:* Olstad DL, Teychenne M, Minaker LM, **Taber DR**, Raine KD, Nykiforuk CI, Ball K. “Can policy ameliorate socioeconomic inequalities in obesity and obesity-related behaviors?” International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2017 [Victoria, Canada]

*Poster:* Nau C, **Taber DR**, Ellis H, Chriqui JF, Quinn CM, Chaloupka FJ. “Tailoring obesity prevention efforts: What makes an obesogenic environment in high and low income communities?” International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2016 [Cape Town, South Africa]

*Presentation (discussant):* “Food policy and systems change: how to monitor and evaluate changes in the global food supply,” International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2016 [Cape Town, South Africa]

*Poster:* **Taber DR**, Nau C, Ellis H, Quinn CM, Chaloupka FJ. “Using conditional random forests to identify determinants of obesogenic communities,” International Congress on Obesity, World Obesity Federation, 2016 [Vancouver, BC, Canada]

*Presentation:* **Taber DR**, Chriqui JF, Quinn CM, Rimkus LM, Chaloupka FJ. “Healthy food zoning and the neighborhood food environment: can permitted-use zoning promote healthier communities?” Society of Behavioral Medicine Annual Meeting, 2016 [Washington, D.C.]

*Presentation:* **Taber DR**, Robinson WR. “Are disparities in adolescent obesity attributable to environmental characteristics? An illustration of Oaxaca-Blinder decomposition.” Society for Epidemiologic Research Annual Meeting, 2015 [Denver, CO]

*Presentation:* **Taber DR**, Chriqui JF, Quinn CM, Rimkus L, Chaloupka FJ. “The association between school district nutrition policies and the neighborhood food environment: are different communities targeting different sectors?” International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2015 [Edinburgh, Scotland]

*Poster:* **Taber DR**. “Blinder-Oaxaca decomposition of racial disparities in adolescent obesity: are we looking at the wrong behaviors?” The Obesity Society Annual Scientific Meeting, 2014 [Boston, MA]

*Poster:* **Taber DR**, Chiqui JF, Kelder SH, Chaloupka FJ. “The association between state bans on soda only and adolescent substitution with other sugar-sweetened beverages,” International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2014 [San Diego, CA]

*Presentation:* **Taber DR**, Chiqui JF, Perna FM, Powell LM, Chaloupka FJ. “Timing is everything: how the immediate effects of competitive food laws are limited to schools in high-income areas,” International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2013 [Ghent, Belgium]

*Presentation:* **Taber DR**, Chiqui JF, Perna FM, Slater S, Powell LM, Chaloupka FJ. “Comprehensive effect of PE and competitive food laws: why researchers and policymakers must consider both sides of the energy balance equation,” American Public Health Association Annual Meeting, 2012 [San Francisco, CA]

*Presentation:* **Taber DR**, Chiqui JF, Chaloupka FJ. “How school meal nutrition laws may offset disadvantages in healthy food availability within the home,” The Obesity Society Annual Scientific Meeting, 2012 [San Antonio, TX]

*Poster:* **Taber DR**, Chiqui JF, Powell LM, Chaloupka FJ. “Association between state laws governing school meal nutrition content and obesity: a difference-in-difference analysis,” The Obesity Society Annual Scientific Meeting, 2012 [San Antonio, TX]

*Presentation:* **Taber DR**, Chiqui JF, Slater S, Powell LM, Chaloupka FJ. “Showing up to class is not enough: policies that only require PE attendance do not reduce socioeconomic disparities in physical activity,” Active Living Research Annual Conference, 2012 [San Diego, CA]

*Presentation:* **Taber DR**, Chiqui JF, Powell LM, Chaloupka FJ. “Do students compensate for school beverage laws? Evidence that removing sodas from schools is not enough,” American Public Health Association Annual Meeting, 2011 [Washington, D.C.]

*Presentation:* **Taber DR**, Chiqui JF, Perna FM, Powell LM, Chaloupka FJ. “Longitudinal association between state policies governing the school food environment and within-student weight change,” The Obesity Society Annual Scientific Meeting, 2011 [Orlando, FL]

*Poster:* Hales D, Stevens J, **Taber DR**, Murray D. “State-level physical education/activity policy change and student physical activity levels,” The Obesity Society Annual Scientific Meeting, 2011 [Orlando, FL]

*Presentation:* Chiqui JF, Turner L, **Taber DR**, Slater S, Chaloupka F. “The impact of state laws related to infrastructure and safe routes to school on elementary school policies and practices related to walking and biking to school,” Active Living Research Annual Conference, 2011 [San Diego, CA]

*Presentation:* **Taber DR**, Stevens J, Evenson KR, Ward DS, Poole C, Maciejewski ML, Murray DM, Brownson RC. "State policies targeting junk food in schools: racial/ethnic differences in the effect of policy change on soda consumption," The Obesity Society Annual Scientific Meeting, 2010 [San Diego, CA]

*Poster:* **Taber DR**, Stevens J, Poole C, Maciejewski ML, Evenson KR, Ward DS. "State disparities in time trends of adolescent adiposity and weight-related behaviors," Society for Epidemiologic Research Annual Meeting, 2010 [Seattle, WA]

*Poster:* **Taber DR**, Charneco EY, Pratt CA, Phillips JA, Dowd M, Going SB. "Association between physical fitness and sports participation among adolescent girls," The Obesity Society Annual Scientific Meeting, 2009 [Washington, D.C.]

*Poster:* **Taber DR**, Stevens J, Lytle LA, Foreman RD, Moody J, Parra-Medina D, Pratt CA. "School versus non-school-based programs in their effect on adolescent activity," The Obesity Society Annual Scientific Meeting, 2008 [Phoenix, AZ]

*Presentation:* Saksvig BI, Neumark-Stzainer D, Felton GM, Sothorn M, Reeves J, Cohen S, **Taber DR**. "A behavioral skills intervention to promote physical activity in adolescent girls: impact on self-efficacy, social support, perceived barriers, self-management strategies, and outcome expectancies," International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2008 [Banff, Canada]

*Presentation:* Han E, Stevens J, Truesdale KP, **Taber DR**, Cai J. "Impact of overweight and obesity on all-cause hospitalizations in African American and White men and women," The Obesity Society Annual Scientific Meeting, 2007 [New Orleans, LA]

*Poster:* **Taber DR**, Stevens J, Murray DM, Elder JP, Webber LS, Lytle LA. "Effect of physical activity intervention on self-report bias: Trial of Activity for Adolescent Girls (TAAG)," The Obesity Society Annual Scientific Meeting, 2007 [New Orleans, LA]

*Poster:* Stevens J, **Taber DR**, Murray DM, Ward DS. "Hazards of over-interpretation of pilot studies in intervention research," International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2007 [Oslo, Norway]

*Poster:* Han E, Truesdale KP, **Taber DR**, Juhaeri, Stevens J. "The effect of obesity on hospitalizations: The ARIC Study," Academy of Health conference, 2007 [Orlando, FL]

*Presentation:* Stevens J, **Taber DR**. "Do's and don'ts of obesity prevention trials," Proceedings of International Congress of Obesity, 2006 [Sydney, Australia]

*Presentation:* **Taber DR**, Meischke H, Maciejewski ML. "Taking social cognitive theory to a new level: understanding the mechanisms that influence college students to be physically active," International Society of Behavioral Nutrition and Physical Activity Annual Meeting, 2006 [Boston, MA]

## **INVITED TALKS**

“The truth we don’t want to hear: have policies increased obesity disparities?” – The Obesity Society Annual Scientific Meeting, November 2016

“Developing your ‘brand’ as an early career scientist: research doesn’t speak for itself” – University of Washington, October 2016

“How we translate research into policy” – National Institutes of Health, September 2016

“Systems science – the bridge between epidemiology and policy?” – University of North Carolina at Chapel Hill, March 2016

“Developing your ‘brand’ as an early career scientist” – University of North Carolina at Chapel Hill, March 2016

“Competitive food policies ‘work’ ... but where?” – Smart School Foods Coalition, August 2015

“Food policy resistance: using system dynamics to explore why policies fail” – Johns Hopkins University Global Obesity Prevention Center, June 2015

“Childhood obesity prevention: translating science into policy and systems change” – Michael & Susan Dell Community Collaborative for Child Health, October 2014

Panelist for summit on Latino childhood obesity – Congressional Hispanic Caucus Institute, April 2014

“Public health strategies for obesity prevention and control: experience in the United States of America” – Mexican National Conference of Governors, February 2014

“Reducing childhood obesity through public policy: are schools the wrong target?” – Temple University Center for Obesity Research and Education, January 2014

“The need for systems thinking in obesity policy research: could school nutrition policies backfire?” – University of Minnesota, January 2014

“Unintended consequences: do school nutrition policies result in more consumption of soda or fast food?” – The Obesity Society Annual Scientific Meeting, November 2013

“Childhood obesity: does policy matter?” – Furman University, October 2013

“The need for systems thinking in school nutrition policy research” – University of Wisconsin-Madison, April 2013

“The price we pay to reduce obesity: are school nutrition and PE policies making health disparities worse?” – New York University, September 2012



“Will USDA school meal reforms reduce adolescent obesity? Evidence from a difference-in-difference analysis.” – University of Texas School of Public Health-Austin Regional Campus, March 2012

“Racial/ethnic differences in the effects of state policies targeting junk food in schools” – Department of Preventive Medicine and Epidemiology, Loyola University of Chicago Stritch School of Medicine, September 2010

## **TEACHING**

### **Instructor**

“*Systems Science and Obesity*” 2016  
Johns Hopkins University Bloomberg School of Public Health

“*Systems Thinking in Public Health*” Fall 2015  
University of Texas School of Public Health

“*Complex Systems and Obesity in Human Populations*” Summer 2015  
Johns Hopkins University Bloomberg School of Public Health

“*Research Seminar in Health Promotion & Behavioral Sciences*” Spring 2015  
University of Texas School of Public Health

“*Independent Study in Health Promotion & Behavioral Sciences*” 2015 – 2016  
University of Texas School of Public Health

### **Guest lecturer**

“*Social Epidemiology: Concepts and Measures*,” University of North Carolina at Chapel Hill – February 2014, February 2016, April 2017

“*Public Health Nutrition*,” University of Texas School of Public Health – March 2014, March 2015, April 2016

“*Research Seminar in Health Promotion & Behavioral Sciences*,” University of Texas School of Public Health – September 2013 and March 2016

“*Social Network Analysis*,” University of Texas School of Public Health – October 2015

“*Food Policy*,” University of Texas School of Public Health – October 2014

“*Fundamentals of Public Health*,” Furman University – October 2013

### **Teaching Assistant**

“*Introduction to Logic and Probability Logic in Epidemiology*” 2009  
University of North Carolina – Chapel Hill

“*Theory and Quantitative Methods in Epidemiology*” 2009  
University of North Carolina – Chapel Hill

“*Evidence-Based Medicine I*” 2007 – 2009  
Duke University School of Medicine

### **AWARDS and HONORS**

**Citation Abstract** 2016  
*Society of Behavioral Medicine*

**Science Communications residency** 2015  
*The Banff Centre*  
Two-week competitive program to promote science communications and outreach

**Early Career Award – poster** 2014  
*International Society for Behavioral Nutrition and Physical Activity*

**NIH Health Disparities Research Loan Repayment Program** 2012 – 2016  
*National Institute on Minority Health and Health Disparities*

**Ethan Sims Young Investigator Award Finalist** 2011  
*The Obesity Society*

**Caroline H. and Thomas S. Royster Fellowship** 2005 – 2010  
*University of North Carolina – Chapel Hill*  
Five-year fellowship covering tuition, fees, stipend, and funds for professional travel.

**Healthy People scholarship** 2005  
*University of Washington*  
Scholarship to attend Healthy People 2005 conference

**Theta Alpha Kappa** 1999  
*National honor society for Religious Studies and Theology*

**Senior Thesis with Distinction** 1999  
*Department of Religious Studies, Pomona College*

### **PROFESSIONAL ACTIVITIES**

#### **Peer reviewer**

*JAMA Pediatrics*

*Pediatrics*

*Epidemiology*

*American Journal of Epidemiology*

*American Journal of Public Health*

*American Journal of Preventive Medicine*

*PLOS ONE*

*Health & Place*

*Nutrition & Metabolism*

*Journal of Adolescent Health*

*Social Science & Medicine*  
*Preventive Medicine*  
*IJBNPA*  
*Preventing Chronic Disease*  
*Health Education & Behavior*

*Journal of Physical Activity & Health*  
*Journal of School Health*  
*Medicine & Science in Sports & Exercise*  
*Research Quarterly for Exercise and Sport*  
*The Social Science Journal*

### **Academic service**

<i>Grading Committee, Health Promotion/Behavioral Sciences doctoral exam</i> University of Texas School of Public Health	2014 – 2015
<i>Annual Program Committee (Population Health/Policy track)</i> The Obesity Society	2014 – 2015
<i>Opportunity Forum</i> University of Texas at Austin	2014 – 2015
<i>Innovation Committee</i> University of Texas School of Public Health	2013 – 2014
<i>Judge, Student Research Forum</i> University of Illinois at Chicago	2011
<i>Graduate intern supervisor</i> Department of Nutrition, University of North Carolina at Chapel Hill	2007
<i>Research assistant supervisor</i> Department of Family and Child Nursing, University of Washington	2004 – 2005
<i>MPH Admissions Committee</i> Department of Health Services, University of Washington	2004

### **Non-academic service**

<i>Advisory board member, “Inside School Food”</i> National radio show on school nutrition services	2014 – present
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### **SELECTED POPULAR PRESS**

**October 2016:** [Bloomberg](#), [Newsworks](#)

**August 2015:** [Texas Tribune](#)

**June 2015:** [Beyond Chron](#)

**May 2015:** [Beyond Chron](#)

**March 2015:** [Beyond Chron](#)

**April 2013:** [Reuters](#), [U.S. News and World Report](#), [Los Angeles Times](#), [Healthline](#), [Marketplace](#)

**March 2013:** [Science Daily](#)

**August 2012:** [New York Times](#), [AP](#), [NPR](#), [Reuters](#), [TIME](#)

**May 2012:** [New York Times](#), [Los Angeles Times](#), [CNN](#), [NPR](#), [Reuters](#)

**January 2012:** [Science News](#)

**November 2011:** [New York Times](#), [Wall Street Journal](#), [Boston Globe](#), [CNN](#), [Reuters](#), [TIME](#), [The Atlantic](#)