

# PAUL T. VON HIPPEL

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LBJ School of Public Affairs

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## EMPLOYMENT

Fellow of the Richter Chair in Global Health Policy	LBJ School of Public Affairs University of Texas, Austin	2020-21
Associate Professor	LBJ School of Public Affairs University of Texas, Austin Affiliations and courtesy appointments: <ul style="list-style-type: none"><li>• Center for Health and Social Policy</li><li>• Statistics and Data Science</li><li>• Population Research Center</li><li>• Sociology</li></ul>	2016-
Assistant Professor	LBJ School of Public Affairs University of Texas, Austin	2010-16
Data scientist	JPMorgan Chase and CheckFree Corp, Fraud detection and risk management.	2006-2010
Statistician	Sociology and Population Research Ohio State University.	2002-2006
Postdoc	Cognitive and Systematic Musicology Ohio State University.	1998-2001

## EDUCATION

Mini-MBA	Abilitie Leadership Development	2020
Ph.D., Sociology	Ohio State University	2010
M.S., Statistics	Ohio State University	2001
Ph.D., Music psychology	Stanford University	1998
B.A., Music	Yale University	1990

## AWARDS

### Major

Leo Goodman Award.	2019
“For contributions to sociological methodology or innovative uses of sociological methodology by a scholar within 15 years of the PhD.” Methodology Section, American Sociological Association.	

Winner (one of 5), annual <i>Obesity</i> Journal Symposium. The Obesity Society. (For “From Kindergarten Through Second Grade, US Children’s Obesity Prevalence Grows Only During Summer Vacations.”)	2016
James Coleman Award for best article in the past two years. Education section, American Sociological Association. (For “Are ‘Failing’ Schools Really Failing?”)	2009
Clifford Clogg Award for year’s best article by a graduate student. Methodology section, American Sociological Association. (For “Regression with Missing Ys.”)	2007
Columbus Literary Award for Fiction. \$5,000 Thurber House, Columbus, Ohio.	2007
Willard Waller Award for best article in the past three years. Education section, American Sociological Association. (For “Are Schools the Great Equalizer?”)	2005

### Minor

Honorable mention, James Coleman Award for best article in the past two years. (For “Inequality in reading and math forms mainly before kindergarten.”)	2019
Best poster award, Population Association of America. (For “Why are educated adults slim?”)	2012
Lieberman Dissertation Fellowship, Stanford University. Awarded to eleven students in a university-wide competition.	1996-7
Centennial Teaching Assistant Award, Stanford University.	1995
Bing Teaching Initiative Grants, Stanford University.	1994 1995

## **PUBLICATIONS**

### Peer-reviewed journal articles (†current or former student, ††postdoc)

1. von Hippel, P. T. & Bartlett, J. (2020). “[Maximum likelihood multiple imputation: Faster imputation and consistent standard errors without posterior draws.](#)” *Statistical Science*, published online ahead of print. Also available as [arXiv e-print 1210.0870](#).
2. †Hofflinger, A.Q. & von Hippel, P.T. (2020). “Missing children: How Chilean schools evaded accountability by having low-performing student miss high-stakes tests.” *Educational Assessment, Evaluation, and Accountability*, <https://doi.org/10.1007/s11092-020-09318-8>. Also available as an [SSRN working paper](#).
  - Covered in *El Mercurio* (top newspaper in Chile).
3. von Hippel, P.T. & †Hofflinger, A.Q. (2020). “The data revolution comes to higher education: Identifying students at risk of dropout in Chile.” *Journal of Higher Education Policy and Management*, [published online ahead of print](#). Also available as an [SSRN working paper](#).

4. †Hofflinger, A.Q. & von Hippel, P.T. (2020). “Does achievement rise fastest with school choice, school resources, or family resources? Chile from 2002 to 2013.” *Sociology of Education*, 93(2), 132–152. <https://doi.org/10.1177/0038040719899358>. Also available as an [SSRN working paper](#).
5. von Hippel, P. T., & Huron, D. (2020). “[Tonal and ‘anti-tonal’ cognitive structures in Viennese twelve-tone rows](#).” *Empirical Musicology Review* 15, 108-118.
6. Downey, D.B., ††Workman, J., & von Hippel, P.T. (2019). “Socioeconomic, racial, and gender gaps in children’s social/behavioral skills: Do they grow faster in school or out?” *Sociological Science* 6, <http://dx.doi.org/10.15195/v6.a17>.
7. von Hippel, P. T., & †Hamrock, C. (2019). “[Do test score gaps grow before, during, or between the school years? Measurement artifacts and what we can know in spite of them](#).” *Sociological Science*, 6, 43-80. DOI: 10.15195/v6.a3
8. von Hippel, P. T., ††Workman, J., & Downey, D. B. (2018). “[Inequality in reading and math skills forms mainly before kindergarten: A replication, and partial correction, of ‘Are Schools the Great Equalizer?’](#)” *Sociology of Education*, 91(4), 323–357. Also available as an [SSRN working paper](#).
9. von Hippel, P. T., & †Bellows, L. (2018). “[How much does teacher quality vary across teacher preparation programs? Reanalyses from six states](#).” *Economics of Education Review* 64, 298-312. Also available as an [SSRN working paper](#).
  - Covered by NPR.org and [Chalkbeat](#).
10. von Hippel, P.T. (2018). “[How many imputations do you need? A two-step recipe using a quadratic rule](#).” *Sociological Methods and Research*. Also available as an [arXiv e-print](#).
11. ††Benson, R., von Hippel, P.T., & Lynch, J.L. (2018). “[Does more education cause lower BMI, or do lower-BMI individuals become more educated? Evidence from the National Longitudinal Survey of Youth 1979](#).” *Social Science and Medicine* 211, 370-377. Also available as an [SSRN working paper](#).
12. von Hippel, P.T., Hunter, D.J., & †Drown, M. (2017). “[Better estimates from binned incomes: Interpolated CDFs and mean-matching](#).” *Sociological Science* 4, 641-655.
13. Brazendale, K., Beets, M.W., Weaver, R.G., Pate, R.R., Turner-McGrievy, G., Kaczynski, A.T., Chandler, J.C., Bohnert, A. & von Hippel P.T. (2017) “[Understanding differences between summer vs. school obesogenic behaviors of children: The structured days hypothesis](#).” *International Journal of Behavioral Nutrition and Physical Activity* 14:100.
14. von Hippel, P.T., †Rutherford, C., & Keyes, K.M. (2017) “[Gender and weight among thoroughbred jockeys: Underrepresented women and underweight men](#).” *Socius*, <http://journals.sagepub.com/doi/abs/10.1177/2378023117712599>.
  - Covered by [NBC Sports](#).
15. von Hippel, P. T. & ††Workman, J. (2016). “[From kindergarten through second grade, children’s obesity prevalence grows only during summer vacations](#).” *Obesity* 24(11), 2296-2300. doi: 10.1002/oby.21613
  - Covered in *New York Times*, *NPR.org*, and 133 other news outlets.
16. von Hippel, P. T., †Bellows, L., Osborne, C., Lincove, J., & Mills, N. (2016). “[Teacher quality differences between teacher preparation programs: How big? How reliable? Which](#)

- [programs are different?](#)” *Economics of Education Review* 53: 31-45. Also available as [SSRN working paper 2506935](#).
17. Lynch, J.L. & von Hippel, P.T. (2016) “[An education gradient in health, a health gradient in education, or a confounded gradient in both?](#)” *Social Science and Medicine* 154:18-27. Also available as [SSRN working paper 2583971](#).
    - [Comment](#) by Hessel, P., & Thomas, J.S., published online March 31, 2016.
    - [Reply](#) by von Hippel, P.T. & Lynch, J.L. published online April 13, 2016.
  18. von Hippel, P.T., ††Scarpino, S.V., & †Holas, I. (2016). “[Robust estimation of inequality from binned incomes.](#)” *Sociological Methodology* 46(1), 212-251. Also available as [arXiv e-print 1402.4061](#).
  19. von Hippel, P. T. & †Bradbury, K. (2015). “[The effects of school physical education grants on obesity, fitness, and achievement.](#)” *Preventive Medicine* 78: 45-51. doi:10.1016/j.ypmed.2015.06.011. Also available as [SSRN working paper 2688113](#).
    - Covered on NPR “All Things Considered” (Texas edition), *Houston Chronicle*, *Texas Tribune*, *Austin American-Statesman*, and 25 other news outlets.
  20. von Hippel, P. T., Nahhas, R., & Czerwinski, S. (2015). “[How much do children’s body mass indices change over periods of 6-12 months? Statistics from before and during the obesity epidemic.](#)” *Pediatric Obesity* 10(6): 468-475.
  21. von Hippel, P.T. (2015). “[New confidence intervals and bias calculations show that maximum likelihood can beat multiple imputation in small samples.](#)” *Structural Equation Modeling*, 23(3): 423-437. Also available as [arXiv e-print 1307.5835](#).
  22. von Hippel, P.T. (2015). “[The heterogeneity statistic  \$I^2\$  can be biased in small meta-analyses.](#)” *BMC Medical Research Methodology* 15:35.
  23. von Hippel, P. T. & †Benson, R. (2014). “[Obesity and the natural environment across US counties.](#)” *American Journal of Public Health*, 104(7):1287-1293. PubMed 24832148.
    - Covered by *Weather Channel*, *Houston Chronicle* and 20 other news outlets
    - Comment by Adam Drewnowski: “Sunscreen or Gore-Tex?” *American Journal of Public Health*, September 2014.
    - Reply by von Hippel & Benson: “Hot properties, cold properties,” *American Journal of Public Health*, September 2014.
  24. von Hippel, P. T., & Lynch, J.L. (2014). “[Why are educated adults slim—causation or selection?](#)” *Social Science and Medicine* 105: 131-139. PubMed 24524908. Also available as [SSRN working paper 2054843](#).
  25. von Hippel, P. T., & Nahhas, R. (2013). “[Extending the history of child obesity in the United States: The Fels Longitudinal Study, birth years 1930-1993.](#)” *Obesity* 21(1): 2153-2156. PubMed 23512972.
    - Covered by *Freakonomics.com*
  26. von Hippel, P.T. (2013). “[The bias and efficiency of incomplete-data estimators in small univariate normal samples.](#)” *Sociological Methods and Research*, 42(4): 531-558. Also available as [arXiv e-print 1204.3132](#).

27. von Hippel, P. T. (2013). "[Should a normal imputation model be modified to impute skewed variables?](#)" *Sociological Methods and Research*, 42(1), 105-138. Also available as [arXiv e-print 1707.05360](#).
28. von Hippel, P. T., & Lynch, J. L. (2012). "[A simplified equation for adult BMI growth, and its use to adjust BMI for age.](#)" *International Journal of Epidemiology* 41(3): 888-890.
29. von Hippel, P. T. (2009). "[How to impute interactions, squares, and other transformed variables.](#)" *Sociological Methodology* 39, 265-291.
30. von Hippel, P.T. (2009). "[Achievement, learning, and seasonal impact as measures of school effectiveness: It's better to be valid than reliable.](#)" *School Effectiveness and School Improvement* 20(2), 187-213.
31. Downey, D.B., von Hippel, P.T. (equal contributors) & †Hughes, M. (2008). "[Are 'failing' schools really failing?](#)" *Sociology of Education* 81(3), 242-270.
32. von Hippel, P.T. (2007). "[Regression with missing Ys: An improved strategy for analyzing multiply-imputed data.](#)" *Sociological Methodology* 37, 83-117. Also available as [arXiv e-print 1605.01095](#).
33. von Hippel, P.T., Powell, B., Downey, D.B., & †Rowland, N. (2007). "[The effect of school on overweight in childhood: Gains in children's body mass index during the school year and during summer vacation.](#)" *American Journal of Public Health* 97(4), 796-802.
  - Live interviews: *Fox News* and NPR San Francisco.
  - Print coverage: *New York Times*, *Los Angeles Times*, *Chicago Tribune*, *Readers Digest*, *Associated Press*, *Reuters*, *Parenting*, and 200 other outlets.
34. von Hippel, P.T. (2005). "[Mean, median, and skew: Correcting a textbook rule.](#)" *Journal of Statistics Education* 13(2).
  - Comment (friendly) by Lawrence Lesser, *Journal of Statistics Education* 13(3).
35. Downey, D.B., von Hippel, P.T., and †Broh, B. (2004). "[Are Schools the Great Equalizer? School and Non-School Sources of Inequality in Cognitive Skills.](#)" *American Sociological Review* 69(5), 613-635.
36. von Hippel, P.T. (2004). "Biases in SPSS 12.0 Missing Values Analysis." *The American Statistician* 58(2), 160-164.
37. †Aarden, B., & von Hippel, P.T. (2004). "[Rules for chord-tone doubling \(and spacing\): Which ones do we need?](#)" *Music Theory Online* 10.2.
  - Comment by Roger Wibberley, *Music Theory Online* 10.3.
  - Reply by von Hippel & Aarden, *Music Theory Online* 10.4.
38. Hunter, D.J., & von Hippel, P.T. (2003). "[How rare is symmetry in musical 12-tone rows?](#)" *American Mathematical Monthly* 110(2), 124-132.
39. von Hippel, P.T. (2000). "[Questioning a melodic archetype: Do listeners use gap-fill to classify melodies?](#)" *Music Perception* 18(2), 139-153.

40. von Hippel, P.T., & Huron, D. (2000). "[Why do skips precede reversals? The effect of tessitura constraints on melodic structure.](#)" *Music Perception* 18(1), 59-85.
41. von Hippel, P.T. (2000). "[Redefining pitch proximity: Tessitura and mobility as constraints on melodic intervals.](#)" *Music Perception* 17(3), 315-327.

### Invited articles, chapters, and policy briefs

1. von Hippel, P.T. (2020). "[What does research say about staggered school calendars?](#)" *The Answer Lab*, University of Southern California, Rossier School of Education. May 18, 2020.
  - USC's Answer Lab provides timely, policy-relevant, research-based briefs to school district superintendents in California and elsewhere.
  - Covered by *Wall Street Journal*.
2. von Hippel, P.T. (2020). "[How will the coronavirus crisis affect children's learning? Unequally.](#)" *Education Next* April 20, 2020.
  - Covered by *Forbes*, *Washington Post*, KXAN (Los Angeles) public radio, *This Is Democracy*, and other news outlets and podcasts.
3. von Hippel, P.T. (2019 summer). "[Is summer learning loss real?](#)" *Education Next* 19(3).
  - Article and podcast interview. Covered by *Wall Street Journal*, *Education Week*, *Atlanta Journal-Constitution*, *Denver Post*, and dozens of other newspapers. Local TV and radio interviews, especially near Memorial Day and Labor Day.
4. von Hippel, P.T. & Bellows, L. (2018 summer). "[Ranking teacher preparation programs on value-added is usually futile.](#)" *Education Next* 18(3).
  - Article and podcast interview. Covered by NPR.org.
5. von Hippel, P.T. (2016). "Year-round school calendars: Effects on summer learning, achievement, families, and teachers." Chapter 13 in Alexander, K., Pitcock, S. & Boulay, M. (eds.), *The Summer Slide: What We Know and Can Do About Summer Learning Loss*. New York: Teachers College Press.
  - Covered by *USA Today*, PBS New Hour, NPR Morning Edition, Associated Press, *Chicago Tribune* and 30 other newspapers and radio stations.
6. "Summertime and weight gain." (2007). Center for Summer Learning, Baltimore, MD.

### Government reports

1. Defeyter, G., , **von Hippel, P.**, Shinwell, J., Mann, E., Henderson, E., Brownlee, I., Pepper, G., Stretesky, P., Long, M., McKenna, J., Daly-Smith, A., Lalli, G., Bundy, D., & Drake, L. (2020). *Back to school post COVID-19: Rebuilding a better future for all children*. Report to the Education Committee of the UK Parliament.
2. Osborne, C., Lincove, J. von Hippel, P.T., Mills, N., Dillon, A., Bellows, L. (2012). *Educator Preparation Programs' Influence on Student Achievement*. Report to the Texas Education Agency. Austin, TX: Project on Educator Effectiveness and Quality (PEEQ).

## Working papers

(excluding those that have also been published as journal articles)

1. von Hippel, P. T., and Cañedo, A. P. (2020). Is ability group placement biased? New data, new methods, new answers. (EdWorkingPaper: 20-204). Retrieved from Annenberg Institute at Brown University: <https://doi.org/10.26300/d33y-nh50>
2. von Hippel, P.T., & Lynch, J.L. (2013). “Efficiency gains from using auxiliary variables in imputation.” *arXiv* e-print [1311.5249](https://arxiv.org/abs/1311.5249).
3. von Hippel, P.T., Holas, I. & Scarpino, S.V. (2012). “SAS macros for estimation with binned data.” *arXiv* e-print [1210.0200](https://arxiv.org/abs/1210.0200).

## Letters and comments

1. von Hippel, P. T. (2013). “Statin therapy for hyperlipidemia.” Letter to *Journal of the American Medical Association* 310(11): 1185.
2. von Hippel, P.T. (2005). “How many imputations are needed? A comment on Hershberger and Fisher.” *Structural Equation Modeling*, 12(2), 334-335.
3. von Hippel, P.T. (2004). “School accountability [a comment on Kane and Staiger].” *Journal of Economic Perspectives* 18(2), 275-276.

## Encyclopedia articles

1. von Hippel, P. T. (2014). “[Mean log deviation](#).” *Wikipedia.org*.  
(By 2014 I accepted that Wikipedia was the only encyclopedia anyone read any more.)
2. von Hippel, P. T. (2010). “Skewness.” *International Encyclopedia of Statistical Science* (M. Lovric, Ed.). New York: Springer.
3. von Hippel, P.T. (2002) Four entries in the *Encyclopedia of Social Science Research Methods* (M. Lewis-Beck, A. Bryman, T.F. Liao, eds.). Thousand Oaks, CA: Sage.
  - “Critical value.”
  - “Difference of proportions.”
  - “Expected value.”
  - “Normalization.”

## Conference Proceedings

1. von Hippel, P.T. (2002). “[Melodic expectation rules as learned heuristics](#).” *Proceedings of the 7th International Conference on Music Perception and Cognition*. Adelaide: Causal Productions.

## Articles under review

1. von Hippel, P. T., & Cañedo, A.P. “Is kindergarten ability group placement biased?” Submitted February 2020 to *American Educational Research Journal*. Revision requested April 2020. Resubmitted July 2020.

2. Kahle, H., & von Hippel, P. T. “Has rising education slowed the obesity epidemic? Trends in educational attainment, overweight, and obesity, 1970-2016.” Submitted September 2020 to *Social Science and Medicine—Population Health*. Revision requested November 2020.
3. von Hippel, P.T., Zheng, J., & Olmstead, S. “Suicide and lithium in the water supply of 870 US counties.” Submitted March 2017 to *British Journal of Psychiatry*. Revision requested June 2017.

## Work in preparation

### *Book in contract*

Allison, P.D., & von Hippel, P.T. *Missing Data*.

- Second edition, in contract, Sage Publications. Completion expected 2021.

### *Book proposal*

von Hippel, P.T. *Failure to Replicate: Is Anything You Hear About Education True?*

- Represented by Ross Yoon Literary Agency, Washington DC.

### *Articles*

von Hippel, P. T. “Is social science self-correcting? Article citation rates before and after a failure to replicate.” Planned submission to *Science*.

von Hippel, P. T. & Wagner, C. “Does a successful experiment lead to effective policy? What happened to Tennessee class sizes after Project STAR.” Available as an [SSRN working paper](#).

von Hippel, P. T., Cañedo, A., & Kim, E-Y. “What if ability grouping doesn’t cause inequality?” Planned submission to *American Sociological Review*.

von Hippel, P. T. & Frisvold, D. “Have state increases in physical education time requirements reduced obesity?” Planned submission to *American Journal of Public Health*.

Graves, J. & von Hippel, P.T. “The effects of year-round school calendars on obesity and fitness in California.” Planned submission to *American Journal of Public Health*.

von Hippel, P. T., Sparks, C., & †Pattison, E. “Why are some US counties more obese than others—environment or demographics?” Planned submission to *Social Science and Medicine*.

## Popular writing: Op-eds, data journalism, blogs

### *Education and health policy*

- |  |      |
|--|------|
| “ <a href="#">Year-round school calendars don’t increase achievement.</a> ”                        | 2018 |
| • <i>USA Today</i>   |      |
| “ <a href="#">Oklahoma City schools should consider abandoning the year-round calendar.</a> ”      | 2018 |
| (And they did, a month later.)   |      |
| • <i>The Oklahoman</i>   |      |
| “ <a href="#">The Senate tax bill offers school choice—to rich families who already have it.</a> ” | 2017 |
| • <i>Fort Worth Star Telegram</i> (paired with opposing view by Sen. Ted Cruz)                     |      |
| “ <a href="#">Champion-challenger testing in higher education.</a> ”                               | 2013 |
| “ <a href="#">What higher education today has in common with banking in the 1970s.</a> ”           | 2013 |
| • <i>Civitas Learning Space</i> .  |      |



- “[Evidence-based obesity policy: Texas lags but should lead.](#)” 2015
- *Dallas Morning News*
  - *Fort Worth Star-Telegram*
  - *Austin American-Statesman*

- “[Should we add lithium to the water supply?!](#)” (with Sheila Olmstead). 2014
- *Resources for the Future.*

- “[What are doctors really paying for malpractice insurance?](#)” 2004
- *The Gadflyer.*

### Politics

- “[Romney’s not really alone. Republicans senators were ready to oust Nixon in 1974.](#)” 2020  
(Feb. 12)
- *Washington Post Monkey Cage*

- “[Did Mayor Daley ‘steal’ Illinois for John Kennedy in 1960?](#)” 2017
- *Washington Post Monkey Cage*

- “[Tweedledum vs. Tweedledee? Ralph Nader’s own data show he’s wrong about the major parties.](#)” 2004

- “[Omissions from the Republican Freedom Calendar.](#)”
- *The Gadflyer.*

### Statistics

- “[When can you fit a linear probability model? More often than you think](#)” 2017

- “[Linear vs. logistic probability models: Which is better, and when?](#)” 2015
- *Statistical Horizons.*

### Horse racing (from a data science & labor sociology angle)

- “[Hiring more women as jockeys could save thoroughbred racing.](#)” 2017
- *CNN.com.*

- “[The stats prove Kentucky Derby post positions hardly matter - if at all](#)” 2018  
(with 3 masters students: Ashlee Frandell, George Basaly, Laura Santos)

- “[How do so many jockeys survive when they’re earning so little?](#)”

- “[Kentucky Derby exercise riders are often black or female. Why aren’t the jockeys?](#)”

- “[The three most important factors for financial success as a jockey](#)” 2017

- “[Kentucky Derby post positions don’t affect who wins the race.](#)” (with 3 students) 2016

- “[The rise, fall, and rise of Hispanic jockeys.](#)” 2015

- “[Is the Belmont Stakes too long for modern thoroughbreds?](#)”

- “[What would be fair odds on American Pharoah?](#)”

- *Thoroughbred Racing Commentary.*

### Book reviews

1. von Hippel, P.T. (2006). “Jan Beran, *Statistics in Musicology.*” *Empirical Musicology Review* 1(1).
2. von Hippel, P.T. (2003). “Chava Frankfort-Nachmias and Anna Leon-Guerrero: *Statistics for a Diverse Society.*” *Teaching Sociology*, 31(1), 128-129.
3. von Hippel, P.T. (2000). “Jerrold Levinson: *Music in the Moment.*” *Music Analysis*, 19(1): 137-143.

## Research briefs

“Summertime and weight gain.” (2007). Center for Summer Learning, Baltimore, MD.

## Software

I wrote some of this software. Some of it was written by others to implement methods described in my publications.

1. von Hippel, P.T. (2020). “[reg2logit: Stata module to approximate logistic regression parameters using OLS linear regression.](#)” Staistical Software Components, Boston University.
2. Bartlett, J. (2019). “[The bootImpute package for R.](#)” Comprehensive R Archive Network. This implements bootstrapped multiple imputation as described by von Hippel & Bartlett (2020). <https://cran.r-project.org/web/packages/bootImpute/index.html>
3. Bartlett, J. (2019). “[The mlmi package for R.](#)” This implements maximum likelihood multiple imputation as described by von Hippel & Bartlett (2020). <https://cran.r-project.org/web/packages/mlmi/index.html>
4. von Hippel, P.T. (2018). “[The how many imputations command for Stata.](#)” This recommends the number of imputations to use in multiple imputation analysis, using the two-step recipe described by von Hippel (2018).
5. von Hippel, P.T. (2018). “[The %recommended imputations macro for SAS.](#)” This recommends the number of imputations to use in multiple imputation analysis, using the two-step recipe described by von Hippel (2017).
6. Bellows, L., & von Hippel, P.T. (2018). “[The caterpillar command for Stata.](#)” This estimates heterogeneity of estimates statistically and graphically, as described by von Hippel & Bellows (2017). The command can be used for value-added and for meta-analysis.
7. Hunter, D.J., & Drown, M. (2016). “[The binsmooth package for R.](#)” This estimates inequality from binned income statistics, using the CDF interpolation method evaluated in von Hippel, Hunter, & Drown (2017).
8. Duan, Y., & von Hippel, P.T. (2016). “[The mgbe command for Stata.](#)” This estimates income statistics by fitting parametric distributions to binned income data, as described von Hippel, Scarpino, and Holas (2016).
9. von Hippel, P.T. & Powers, D.E. (2015, version 2 in 2017). “[The rpme command for Stata.](#)” This estimates income statistics from binned income data, using the robust midpoint approximation described by von Hippel, Scarpino, and Holas (2015) and von Hippel, Hunter, and Drown (2017).
10. Scarpino, S., von Hippel, P.T., & Holas, I. (2014). “[The binequality package for R.](#)” This estimates income statistics by fitting parametric distributions to binned income data, as described von Hippel, Scarpino, and Holas (2016).
11. von Hippel, P.T. (2007). “The %mid macro for SAS.” This implements the multiple imputation with deletion (MID) method developed by von Hippel (2007). The macro is in that article’s Appendix.

## GRANTS AND CONTRACTS

### Applied, extramural

<i>Source</i>	<i>Role</i>	<i>Other investigators</i>	<i>Years</i>	<i>Amount</i>
Robert Wood Johnson Foundation	PI	Jennifer Graves	2020-22	
Greater Texas Foundation	PI	Upswing Retention, LLC	2020-22	
WT Grant Foundation	PI	Civitas Learning Corp.	2020-22	

### Funded, extramural

<i>Source</i>	<i>Role</i>	<i>Other investigators</i>	<i>Years</i>	<i>Amount</i>
Raise Your Hand Texas Foundation	Sub-award	Michael Villarreal (PI)	2018-20	\$25,000 subaward
Russell Sage Foundation	PI	Douglas Downey (co-I), Joseph Workman (co-I)	2016-19	\$100,000
W.T. Grant Foundation	PI		2016-17	\$25,000
W.T. Grant Foundation	PI	Douglas Downey (co-I)	2013-16	\$300,000
St. David's Foundation	PI		2013-14	\$25,000
Center on Poverty & Inequality, Stanford University	PI		2013	\$20,000
Texas Education Association	Co-I	Cynthia Osborne (PI), Jane Lincove (co-I)	2010-12	\$2,200,000
Spencer Foundation	Co-I	Douglas Downey (PI)	2005-06	\$100,000
NICHD (NIH)	Personnel	Douglas Downey (PI)	2003-04	\$100,000

### Funded, intramural (University of Texas, Austin)

<i>Source</i>	<i>Role</i>	<i>Other investigators</i>	<i>Years</i>	<i>Amount</i>
Policy Research Institute (PRI)	PI		2012-13, 14-15, 15-16, 17-18, 18-19	\$10-15,000/year
Institute for Urban Policy Research & Analysis (IUPRA)	PI		2012	\$10,000

## PRESENTATIONS

### Conferences (†session organizer)

Association for Public Policy Analysis and Management (APPAM)	2015†, 2017
American Sociological Association	2004,05,07, 11-14,16†,17
Population Association of America	2012, 2015

Association for Education Finance and Policy	2013, 2014
Joint Statistical Meetings	2013, 17†
Sociology of Education Association	2010
American Education Research Association	2008, 2018
Midwinter Methods Meeting (American Sociological Association)	2008, 2017
International Congress for School Effectiveness and Improvement	2006
Consortium of State Organizations for Texas Teacher Education	2014
Texas GIS Forum	2012
Society for Music Perception and Cognition	1998-2000
Society for Music Theory	1998-2000

### Invited Presentations

“Does ability grouping really cause inequality?”	2019
• University of Wisconsin, Wisconsin Center for Education Research.	
“Failure to Replicate: Is anything you heard about education true?”	2019
• Princeton University, Department of Sociology.	
“Can value-added identify effective teacher preparation programs?”	2017
• Tennessee Independent Colleges and Universities Association, Nashville, TN.	
“Rising test scores in Chile: School competition, school resources, or family resources?” (in Spanish)	2017
• Núcleo de Ciencias Sociales, Universidad de la Frontera, Temuco, Chile.	
“How Equal are Schools?”	2016
• Duke University, Department of Sociology.	
“Do achievement gaps open before, during, or between the school years?”	
• UCLA, Sociology Department.	2016
• NYU, Steinhardt School	2016
• RAND Corporation, Washington DC.	2015
• Harvard University, Graduate School of Education.	2014
“Maximum likelihood multiple imputation.”	
• Harvard University, Institute for Quantitative Social Science.	2017
• UCLA, Statistics Department.	2016
• University of Texas, McCombs School of Business.	2016
• Stanford University, Biostatistics Seminar.	2013
“Estimating inequality from binned incomes.”	
• Harvard University, Kennedy School.	2017
• Stanford University, Center for Poverty and Inequality.	2013

- “Have Schools Made US Children Overweight?”
- Wright State University, School of Medicine. 2013
  - National Center for Summer Learning, Pittsburgh PA. 2012
  - Ohio State University, Department of Sociology. 2010
  - Pennsylvania State University, Department of Sociology. 2009
  - Notre Dame, Department of Sociology. 2009
  - Rice University, Department of Sociology. 2009
  - University of Texas, LBJ School of Public Affairs. 2009
  - Ohio State University, School of Education. 2009
  - Johns Hopkins University, 5<sup>th</sup> Annual Education Summit. 2008
- “Filling Holes in Your Data.”
- Notre Dame, Department of Statistics. 2010
  - Harvard University, Graduate School of Education. 2009
  - Indiana University, Department of Sociology. 2008

## TEACHING

- Research design. 2012-18  
 University of Texas, LBJ School of Public Affairs.  
 PhD seminar.
- Evaluation design: Generalization and causality. 2011, 13, 15, 16, 18  
 University of Texas, LBJ School of Public Affairs.  
 Masters students. Flipped classroom.
- Debates in US education policy, 1966 to today. 2010, 12, 14, 16, 18  
 University of Texas, LBJ School of Public Affairs.  
 Masters seminar. Debate format.
- Introduction to quantitative data analysis. 2002-2006  
 Ohio State University, Sociology Department.  
 Undergraduate lecture & lab.

## SERVICE

### National committees

- National Academy of Sciences, Reviewer for Summer Learning Consensus statement. 2019
- National Science Foundation, Sociology Panel and Big Data Panel. 2017-2019
- Research Advisory Board, National Summer Learning Association. 2014-
- Research Advisory Board, Horizons National. 2013-
- Chair, David L. Stevenson award committee, Education section, American Sociological Association 2014
- Chair, Clifford Clogg award committee, Methodology section, American Sociological Association 2012
- Committee member, Willard Waller Award, Education section, American Sociological Association 2010

Conference program committee, Society for Music Perception and Cognition 2001

### Editorial boards

*Socius* 2015-

*Sociological Methods and Research* 2013-

*Music Perception* 2004-07

### Consulting

Tennessee Commissioner of Education. 2019

Interpreted the state report card on teacher preparation programs.

Deats Durst Owen & Levy, PLLC (employment law). 2014

Evaluated allegations of teacher cheating on high-stakes tests.

US Equal Employment Opportunity Commission. 2013

Consulted on detecting discrimination from binned wages.

Clark County Public School District (greater Las Vegas). 2007

Expert testimony to Year-Round Schools Study Group.

Teach For America. 2006

Piloted a new program to recruit graduate students and PhDs.

### University committees (LBJ School of Public Affairs, University of Texas)

Comprehensive PhD exam committee. 2011-20

Chair, PhD Graduate Studies Committee. 2017-19

Analyst, Faculty workload committee. 2018

Chair, IT committee. 2014-15

Admissions committee, PhD in Public Policy. 2015-19

Admissions committee, Master of Public Affairs. 2010-11

Diversity committee. 2013-16

Research committee. 2011-13

Faculty recruitment committee. 2011-12