





Anthony Schmidt

PhD Student and Data Visualization Researcher

Curriculum Vitae

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 anthonyschmidt.co
 aschmi11@utk.edu
 [@anthonyteacher](https://twitter.com/anthonyteacher)
 [acircleda](https://github.com/acircleda)

Education

- 2018 - present **PhD, Educational Psychology and Research** Knoxville, TN
University of Tennessee, Knoxville
■ Concentration: Evaluation, Statistics, and Measurement
- 2011 **MSEd, Language, Literacy, and Cultural Education** Bloomington, IN
Indiana University, Bloomington
■ Concentration: TESOL
- 2006 **BA, Anthropology** Tampa, FL
University of South Florida

Professional Appointments

- 2019 - present **Data Visualization Researcher** Knoxville, TN
College and University Professional Association for Human Resources (CUPA-HR)
- 2014-2019 **Teaching Associate** Knoxville, TN
English Language Institute, University of Tennessee
- 2012-2014 **English Language Instructor** Busan, South Korea
Department of English Language and Literature, Pukyong National University

Publications

Peer Reviewed Journal Articles

- Schmidt, A.** (2020). Are international students getting a bang for their buck? The relationship between expenditures and international student graduation rates. *Journal of International Students*, 10(3). <https://doi.org/10.32674/jis.v10i3.1279>

Pre-Prints and Unpublished Manuscripts

- Schmidt, A.** (2020). *The effectiveness of an intensive English program (IEP): Comparing IEP and directly-admitted international students' academic achievement [Revised and Resubmitted]*. TESOL Quarterly. <https://doi.org/10.35542/osf.io/vm37t>
- Schmidt, A.** (2021). *University air travel and greenhouse gas mitigation: An analysis of higher education climate policies [Under review]*. EdArXiv. <https://doi.org/10.35542/osf.io/bmuas>
- Schmidt, A.** & Rocconi, L. (2020). *STARS and stripes: Political and institutional factors that affect higher education sustainability ratings [Under review]**. EdArXiv. <https://doi.org/10.35542/osf.io/d5bku>

Book Reviews

- Schmidt, A.** (2019). Review of the book *International students in first-year writing: A journey through socio-academic space*, by M. Siczek. *Journal of International Students*, 9(3). <https://doi.org/10.32674/jis.v0i0.907>

Technical Reports

- Pritchard, A. & **Schmidt, A.** (2020, July). *The Higher Ed HR Workforce [Research report]*. CUPA-HR. <https://www.cupahr.org/surveys/research-briefs/>
- Feusting, M. & **Schmidt, A.** (2020, May). *Faculty in the health professions: Growth, composition, and salaries [Research report]*. CUPA-HR. <https://www.cupahr.org/surveys/research-briefs/>
- Pritchard, A., Nadel-Hawthorne, S., **Schmidt, A.**, Fuesting, M., & Bichsel, J. (2020, April). *Administrators in higher education annual report: Key findings, trends, and comprehensive tables for the 2019-20 academic year [Research report]*. CUPA-HR. <https://www.cupahr.org/surveys/results/>
- Pritchard, A., Fuesting, M., Nadel-Hawthorne, S., **Schmidt, A.**, & Bichsel, J. (2020, March). *Faculty in higher education annual report: Key findings, trends, and comprehensive tables for tenure-track, non-tenure teaching, and non-tenure research faculty; academic department heads; and adjunct faculty for the 2019-20 academic year [Research report]*. CUPA-HR. <https://www.cupahr.org/surveys/results/>

- Bichsel, J., McChesney, J., & **Schmidt, A.** (2019). *Focus on psychology faculty: Salaries, pay equity, minority representation, and the growth of non-tenure-track faculty* [Research report]. CUPA-HR. <https://www.cupahr.org/surveys/research-briefs/>
- Nadel, S., **Schmidt, A.**, & Bichsel, J. (2019). *The impact of the FSLA overtime rule on higher education* [Research report]. CUPA-HR. <https://www.cupahr.org/surveys/research-briefs/>
- Schmidt, A.**, Rocconi, L., Morrow, J. A., Berry, B. (2019). *College of Architecture and Design's undergraduate advising 2019 report* [Research report]. Evaluation, Statistics, and Measurement (ESM) Program Research Group.
- Morrow, J. A., Rocconi, L., Butler, B., & **Schmidt, A.** (2019). *University of Tennessee's undergraduate advising 2019 evaluation end of year report* [Research report]. Evaluation, Statistics, and Measurement (ESM) Program Research Group.

Other Publications

- Pritchard, A., Bichsel, J., & **Schmidt, A.** (2020). *DataOnDemand how-to guide: Benchmarking for faculty and staff size*. CUPA-HR. <https://www.cupahr.org/wp-content/uploads/surveys/How-To-Benchmark-for-Faculty-and-Staff-Size.pdf>
- Schmidt, A.** (2016). Listening journals for extensive and intensive listening practice. *English Teaching Forum*, 54(2), 2–11.

Conference Papers and Presentations

International/National Conferences

- Schmidt, A.** (2020, September). *Principles and practices for great data visualization* [Conference session]. CUPA-HR Annual Conference.
- Schmidt, A.** (2019, October). *A comparison of direct admit and IEP student academic achievement* [Paper presentation]. TESOL International Conference, Atlanta, Georgia.
- Schmidt, A.** (2017, March). *Off course: A comparison of university and EAP coursebook writing tasks* [Paper presentation]. TESOL International Conference, Seattle, Washington.

Regional Conferences

- Rosenberg, J. M., Hodge, L., Aydeniz, M., **Schmidt, A.**, Lishinski, A., Rich, K., Longnecker, J., Mann, M., & Sadovnik, A. (2020, January). *A survey of teachers and administrators regarding the implementation of new K-8 computing education standards in Tennessee* [Paper presentation]. 14th Annual Tennessee STEM Education Research Conference, Cookeville, Tennessee.
- Schmidt, A.** (2016, October). *Academic reading circles* [Conference session]. Southeast TESOL Regional Conference, Louisville, Kentucky.
- Schmidt, A.** (2016, May). *Principled washback: Integrating test prep to foster academic skills* [Conference session]. Toronto TESOL Conference, Toronto, Canada.
- Schmidt, A.** (2016, February). *Academic reading circles and collaborative meaning construction* [Conference session]. GATESOL IEP Mini-Conference, Atlanta, Georgia.
- Schmidt, A.** (2015, October). *Audio diaries for improved spoken grammatical accuracy and pronunciation* [Conference session]. Southeast TESOL Regional Conference, New Orleans, Louisiana.

Poster Presentations

- Schmidt, A.** (2020, March). *Becoming "tidy" over time: Data visualization development in an online community of practice* [Poster presentation]. University of Tennessee, Knoxville College of Education, Health, and Human Sciences Graduate Research Colloquium.
- Schmidt, A.** (2019, March). *A comparison of direct-admit and IEP undergraduate international student achievement* [Poster presentation]. University of Tennessee, Knoxville College of Education, Health, and Human Sciences Graduate Research Colloquium.
- Schmidt, A.** & Chitty, E. (2018, May). *Making history: Supporting language through content in intensive English programs* [Poster presentation]. NAFSA Annual Conference, Philadelphia, Pennsylvania.

Campus & Department Talks

- Schmidt, A.** (2020, October). *University air travel and GHG mitigation: Examining institutional policies through the lens of #flyingless* [Invited presentation]. Committee for the Campus Environment, University of Tennessee, Knoxville.
- Schmidt, A.** & Chitty, E. (2018, March). *Teaching international students: Improving learning for all*. [Workshop]. Teaching and Learning Innovation, University of Tennessee, Knoxville.
- Schmidt, A.** (2016, November). *Intensive reading for learner engagement*. [Conference session]. Re-Imagine: Teaching and Learning Innovation Symposium, University of Tennessee, Knoxville.

Invited Talks

- Schmidt, A.** (2020, November). *University air travel and GHG mitigation: Examining institutional policies through the lens of #flyingless* [Panel presentation]. Roundtable of Sustainable Academic Travel: Mapping Travel Policies in FHE.

Schmidt, A. (2020, October). *University air travel and GHG mitigation: Examining institutional policies through the lens of #flyingless* [Invited presentation]. Committee for the Campus Environment, University of Tennessee, Knoxville.

Schmidt, A. (2018, March). *Two hot topics in OLL research: Corpus linguistics and telecollaboration* [Webinar]. OLLReN, Cambridge University Press.

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Software

Schmidt, A. & Kulma, K. (2020). *footprint: Calculate air travel emissions* [R package]. <https://cran.r-project.org/web/packages/footprint/index.html>

Research and Evaluation Experience

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| 2020-present | <p>Applied Statistics III
University of Tennessee, Knoxville</p> <ul style="list-style-type: none"> ■ Develop materials to teach and learn R for data cleaning, data analysis, and advanced statistics for an advanced statistics course. Offer R office hours to help students learn and troubleshoot R ■ Advisor: Dr. Louis Rocconi, Educational Psychology and Counseling |
| 2020-present | <p>Becoming Tidier over Time
University of Tennessee, Knoxville</p> <ul style="list-style-type: none"> ■ Text mining and Twitter analytics project assessing data visualization skill development via the #TidyTuesday twitter hashtag/community. Analyzed participation trends and composition of Github code to describe changes in code functions over time. Designed survey to assess data visualization skill development. ■ Advisor: Dr. Joshua Rosenberg, Theory and Practice in Teacher Education |
| 2020 Summer | <p>R Handbook for ESM Students
University of Tennessee, Knoxville</p> <ul style="list-style-type: none"> ■ Developed handbook to learn R tailored to evaluation, statistics and measurement students. Handbook covered topics such as installation, workflow, data cleaning and manipulation, data analysis, and data visualization. Written in R Markdown/Bookdown. Available at https://bookdown.org/aschmi11/RESMHandbook/ ■ Advisor: Dr. Jennifer Ann Morrow, Educational Psychology and Counseling |
| 2020 Summer | <p>Air Travel and University Climate Policies
Office of Sustainability, University of Tennessee, Knoxville</p> <ul style="list-style-type: none"> ■ Conducted a document analysis of university sustainability and climate policies with a focus on the discussion and mitigation of air travel greenhouse gas emissions. ■ Advisor: Jay Price |
| 2019-2020 | <p>Planting the Seeds for Computer Science
University of Tennessee, Knoxville</p> <ul style="list-style-type: none"> ■ Needs analysis for the creation of professional development sessions to introduce new K-8 computer science standards. Work included survey design, analysis, and reporting. ■ Advisor: Dr. Joshua Rosenberg, Theory and Practice in Teacher Education |

Notes

This CV is reproducible. All the source code behind this CV is available on my [Github repo](#).