





Anthony Schmidt

PhD Student | Data Viz 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 University of Tennessee, Knoxville	Knoxville, TN
2011	MSEd, Language, Literacy, and Cultural Education Indiana University, Bloomington	Bloomington, IN
2006	BA, Anthropology University of South Florida	Tampa, FL

Professional Appointments

2019 - present	Data Visualization Researcher College and University Professional Association for Human Resources (CUPA-HR) - Knoxville, TN <ul style="list-style-type: none">■ Collect, wrangle, munge, join and clean large data sets and survey data■ Merge in-house data to external data such as IPEDS, IPUMS, NYT Covid Case Counts■ Analyze cross-sectional and longitudinal data, include descriptive and inferential statistics■ Develop static visualizations for report, web, and print graphics [example]■ Develop dashboards for research briefs and special projects [example]■ Develop web-based interactive graphics for research briefs and special projects [example]■ Develop, program, analyze, and visualize surveys for internal members [example]■ Assist members with access to data and data analysis■ Lead workshops to train members on internal data tools, visualization practices
2014-2019	Teaching Associate English Language Institute, University of Tennessee - Knoxville, TN <ul style="list-style-type: none">■ Taught English to international students■ Conducted program evaluation via comparison of direct and conditionally-admitted international student GPAs■ Tracked student TOEFL scores and produced reports used in proposals■ Produced dashboards related to enrollment for director of international recruitment■ Co-developed and co-facilitated workshops for university faculty and graduate students on teaching international students

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Pre-Prints and Unpublished Manuscripts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. (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. (2021). *STARS and stripes: Political and institutional factors that affect higher education sustainability ratings* [Under review]. EdArXiv. <https://doi.org/10.35542/osf.io/d5bku>

Schmidt, A. (2021). *Comparing intensive English program (IEP) and directly-admitted international students' academic achievement* [Under review]. EdArXiv. <https://doi.org/10.35542/osf.io/vm37t>

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

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.

Conference Papers and Presentations

International/National Conferences

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. (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.

Poster Presentations

Schmidt, A. (2020, March). *Becoming "tidyr" 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.

Software

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

Current Memberships

American Educational Research Association; American Statistical Society; Roundtable of Sustainable Academic Travel; Association for the Advancement of Sustainability in Higher Education