





Anthony Schmidt

PhD Student and Data Visualization Researcher

Curriculum Vitae

December 01, 2020

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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

Schmidt, A. (2020). *The effectiveness of an intensive English program (IEP): Comparing IEP and directly-admitted international students' academic achievement*. EdArXiv. <https://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

- Pritchard, A. & **Schmidt, A.** (2020, July). *The Higher Ed HR Workforce* [Research report]. CUPA-HR. <https://www.cupahr.org/surveys/research-briefs/>
- Feustling, 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 FLSA 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.

Professional Workshops, Webinars, and Trainings

- Schmidt, A.** (2020, October). *Data Visualization in R* [Workshop]. Fall 2020 Evaluation, Statistics, and Measurement seminar, University of Tennessee, Knoxville.
- Pritchard, A. & **Schmidt, A.** (2020, September). *Snapshot of the higher ed HR workforce* [Webinar]. CUPA-HR.
- Schmidt, A.**, & Nadel-Hawthorne, S. (2020, April). *Research skills lab: DataOnDemand basics* [Webinar]. CUPA-HR.
- Schmidt, A.** (2020, April). *Tableau training: Building your first dashboard* [Workshop]. Spring 2020 Evaluation, Statistics, and Measurement seminar, University of Tennessee, Knoxville.

Research and Evaluation Experience

- 2020-present **Becoming Tidier over Time**
University of Tennessee, Knoxville
- 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, University of Tennessee, Knoxville
- 2020 Summer **R Handbook for ESM Students**
University of Tennessee, Knoxville
- 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, University of Tennessee, Knoxville
- 2020 Summer **Air Travel and University Climate Policies**
Office of Sustainability, University of Tennessee, Knoxville
- 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, Office of Sustainability
- 2019-2020 **Planting the Seeds for Computer Science**
University of Tennessee, Knoxville
- 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, University of Tennessee, Knoxville

Teaching Experience

- 2014-2019 **English Language Institute, University of Tennessee** Knoxville, TN
Teaching Associate
- Courses (non-credit): Grammar, Reading, Writing, Listening/Speaking
 - Levels: Beginner to Advanced
- 2012-2014 **Department of English Language and Literature, Pukyong National University** Busan, South Korea
English Language Instructor
- Undergraduate (3-credit): Intermediate Composition, Advanced Composition, Lower-Intermediate Conversation, Upper-Intermediate Conversation
 - Graduate (2-credit): TESOL Methodology, Pronunciation for TESOL Teachers

Other Teaching Experience

2018 (Summer)	Southeast University Visiting Instructor, Department of Foreign Languages ■ Course: Cross-Cultural Communication (1 credit, undergraduate)	Nanjing, China
2012-2014	Samsung Electronics/Pukyong National University English Language Instructor ■ Course: English Communication (3 credits, Intercultural Communication Undergraduate Program)	Busan, South Korea
2010-2012	Yangun Middle School English Teacher	Busan, South Korea
2009	Tsukuno Junior High School English Teacher	Osaka, Japan
2007-2009	Daicheong Middle School English Teacher	Busan, South Korea

Teacher Training Experience

2012	Pukyong National University In-Service Secondary School Teacher Trainer ■ National English Ability Test (NEAT) Writing Composition Training Program	Busan, South Korea
2010-2012	Busan Education Training Institute In-Service Primary School Teacher Trainer	Busan, South Korea

Awards and Honors

2020	Friends of Educational Psychology and Counseling Research Grant University of Tennessee	\$400
2020	Graduate Student Colloquium Travel Award for Best Poster University of Tennessee	\$250
2019	Graduate Student Senate Travel Award University of Tennessee	\$780
2018	Diversity Professional Development Fund for Staff University of Tennessee	\$1,000
2018	Travel Fund Tennessee Association of International Educators	\$500
2017	Travel Grant for IEP Instructors University of Pittsburgh	\$1,500
2012	Teaching Excellence Award Pukyong National University, Department of Humanities	\$300

Current Memberships

- Roundtable of Sustainable Academic Travel
- Association for the Advancement of Sustainability in Higher Education
- American Statistical Society
- American Educational Research Association
- Data Visualization Society
- Tableau Users Group - Knoxville
- The Umbrella Academy

Skills

Data Science Tools	R, R Markdown, Github, SPSS, Stata, SQL (basic), NVivo, VS Code
Data Visualization	R, Tableau, Adobe Illustrator
Survey Research	Qualtrics, QuestionPro, SurveyGizmo
Quantitative Research	T-tests, ANOVA/MANOVA, OLS Regression, Logistic Regression, PCA/FA, Equivalence Testing, Text Mining, Instrumental Variables, Propensity Score Matching
Qualitative Research	Document Analysis, Content Analysis, Thematic Analysis
Teaching Tools	Canvas, Blackboard, Quizlet, Kahoot, Quizizz, EdPuzzle, Padlet
Computer Languages	R, HTML, CSS, Lua, Javascript (basic)
Natural Languages	English (native), French (intermediate), Korean (basic)
Other	Audacity (audio editing), Corpus Linguistics (BYU, Antconc, tidytext), Webscraping Wordpress

Notes

This CV is reproducible. All the source code behind this CV is available on my GitHub repo.