

Anthony Schmidt

PHD STUDENT AND DATA VISUALIZATION RESEARCHER

✉ aschmi11@utk.edu | 🏠 anthonytschmidt.co | 📷 acircleda | 🐦 anthonyteacher

Education

University of Tennessee, Knoxville

PHD, EDUCATIONAL PSYCHOLOGY AND RESEARCH

- Concentration: Evaluation, Statistics, and Measurement

Knoxville, TN

2018 - present

Indiana University, Bloomington

MSED, LANGUAGE, LITERACY, AND CULTURAL EDUCATION

- Concentration: TESOL

Bloomington, IN

2011

University of South Florida

BA, ANTHROPOLOGY

Tampa, FL

2006

Professional Appointments

Data Visualization Researcher

COLLEGE AND UNIVERSITY PROFESSIONAL ASSOCIATION FOR HUMAN RESOURCES (CUPA-HR)

Knoxville, TN

2019 - present

Teaching Associate

ENGLISH LANGUAGE INSTITUTE, UNIVERSITY OF TENNESSEE

Knoxville, TN

2014-2019

English Language Instructor

DEPARTMENT OF ENGLISH LANGUAGE AND LITERATURE, PUKYONG NATIONAL UNIVERSITY

Busan, South Korea

2012-2014

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/>

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-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 “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.

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

PROFESSIONAL WORKSHOPS, WEBINARS, AND TRAININGS

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

Becoming Tidier over Time

University of Tennessee, Knoxville

2020-present

- 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

R Handbook for ESM Students

University of Tennessee, Knoxville

2020 Summer

- 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

Air Travel and University Climate Policies

Office of Sustainability, University of

Tennessee, Knoxville

2020 Summer

- 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

Planting the Seeds for Computer Science

University of Tennessee, Knoxville

2019-2020

- 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

Teaching Experience

English Language Institute, University of Tennessee

Knoxville, TN

TEACHING ASSOCIATE

2014-2019

- Courses (non-credit): Grammar, Reading, Writing, Listening/Speaking
- Levels: Beginner to Advanced

Department of English Language and Literature, Pukyong National University

Busan, South Korea

ENGLISH LANGUAGE INSTRUCTOR

2012-2014

- 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

Southeast University

VISITING INSTRUCTOR, DEPARTMENT OF FOREIGN LANGUAGES

- Course: Cross-Cultural Communication (1 credit, undergraduate)

Nanjing, China

2018 (Summer)

Samsung Electronics/Pukyong National University

ENGLISH LANGUAGE INSTRUCTOR

- Course: English Communication (3 credits, Intercultural Communication Undergraduate Program)

Busan, South Korea

2012-2014

Yangun Middle School

ENGLISH TEACHER

Busan, South Korea

2010-2012

Tsukuno Junior High School

ENGLISH TEACHER

Osaka, Japan

2009

Daicheong Middle School

ENGLISH TEACHER

Busan, South Korea

2007-2009

Teacher Training Experience

Pukyong National University

IN-SERVICE SECONDARY SCHOOL TEACHER TRAINER

- National English Ability Test (NEAT) Writing Composition Training Program

Busan, South Korea

2012

Busan Education Training Institute

IN-SERVICE PRIMARY SCHOOL TEACHER TRAINER

Busan, South Korea

2010-2012

Awards and Honors

Friends of Educational Psychology and Counseling Research Grant

UNIVERSITY OF TENNESSEE

- \$400

2020

Graduate Student Colloquium Travel Award

UNIVERSITY OF TENNESSEE

- \$250

2020

Graduate Student Senate Travel Award

UNIVERSITY OF TENNESSEE

- \$780

2019

Diversity Professional Development Fund for Staff

UNIVERSITY OF TENNESSEE

- \$1,000

2018

Travel Fund

TENNESSEE ASSOCIATION OF INTERNATIONAL EDUCATORS

- \$500

2018

Travel Grant for IEP Instructors

UNIVERSITY OF PITTSBURGH

- \$1,500

2017

Teaching Excellence Award

PUKYONG NATIONAL UNIVERSITY, DEPARTMENT OF HUMANITIES

- \$300

2012

Current Memberships

- 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,
NA	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
NA	Wordpress

Notes

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