

Nirmal Ghimire
Postdoctoral Research Fellow

Office: K-16 Literacy Center,
School of Education,
The University of Texas at Tyler
Tyler, TX 75799
(903) 566-6272

Home: 139 Manchester Drive,
APT 136,
Eules, TX 76039
(813) 748-8734
ghimire.nirmal@yahoo.com

ACADEMIC AND PROFESSIONAL PREPARATION

Ph.D.

Education, August 2020

The University of Central Florida, Orlando, Florida, USA

Dissertation Title: *Narrowing English learner (EL) achievement gaps: A multilevel analysis of an EL-infused teacher preparation model.*

Dissertation Advisor: Dr. Joyce W. Nutta

Comprehensive Areas: Teaching English to Students of Other Languages (TESOL), Teacher Education

Corroborative Area: Educational and Human Sciences Research Methods

M.A.

Master of Arts in English, March 2009

Tribhuvan University, Kathmandu, Nepal

M.A. Thesis Title: Study of Illusion of Freedom in Henry James' the Portrait of a Lady

Thesis Advisor: Rudra Poudel

MAT

Master of Arts in Teaching English, *Incomplete*

The University of South Florida, Tampa, Florida, USA

Completed 24-Credit Hours course works:

- i. LAE 6644: *Teaching English Language and Traditional English Grammar for Teachers (3hrs.),*
- ii. TSL 5085: *Theory and Practice of English Language Learners ESOL-I (3hrs.),*
- iii. LAE 5932: *Classroom Communication (3hrs.),*
- iv. LAE 6738: *Teaching Reading in English Class (3hrs.)*
- v. TSL 5086: *Secondary Language & Literacy Acquisition in Children and Adolescents ESOL-II (3hrs.)*
- vi. ESE 5342: *Teaching the Adolescent Learners (3hrs.)*
- vii. LAE 6345: *Teaching Written Composition (3hrs.)*
- viii. TSL 5242: *Language Principles, Acquisition and Assessment for Teaching English Language Learners ESOL-III (3hrs.)*

BA

Bachelor of Arts, 2007

Tribhuvan University, Kathmandu, Nepal

Comprehensive Areas: English Literature and Language,
Philosophy, & Macro and Micro-Economics

Certifications

Advanced Quantitative Methodologies in Educational and Human Sciences, December 2019

University of Central Florida, College of Community
Innovation and Education

Master SQL for Data Science, February 2022

LinkedIn Learning

Data Science Specialization, February 2021

John Hopkins University through Coursera

Micro master's Program in Statistics and Data Science, ongoing

Massachusetts Institute of Technology (MIT) through edX

PROFESSIONAL APPOINTMENTS

Teaching and advising

May 2022-Present

Postdoctoral Researcher in Literacy Education, Department of Education and Psychology at the University of Texas at Tyler
Serve as the Associate Director of the K-16 Literacy Center and work closely with Director and Endowed Chair; Oversee center activities; Assist with fund-raising efforts to support literacy initiatives; Engage in research, teaching, and service activities to help advance literacy instruction at the university, school, and community levels; Develop and sustain an independent program of scholarly research, teaching and outreach; Lead and manage literacy projects; Co-author publications and grant proposals; Improve student achievement outcomes in local area schools and communities.

Sept 2020-August 2021

Research Associate, Project Micro-credentialing of English Learner Teaching Skills (MELTS), College of Community Innovation and Education, University of Central Florida, Orlando
Conduct data collection, organization, compilation, analysis, and interpretation of results; Attend micro-teaching and/or simulation lab teaching sessions and offer feedback based on their performance in relation to ten effective strategies for ELs, etc.

Instructor of Record (Graduate Teaching Associate)

Spring 2017- May 2020

- TSL 4240-0001 CAH-LANG 3(3,0). Issues in Second Language Acquisition. English phonology, morphology, syntax, and semantics, for future teachers (Undergrad Level). College of Arts and Humanities, University of Central Florida

Assistant Instructor (Graduate Teaching Assistant)

- Summer 2019 - TSL 4080 ED-TL&L 3(3,0). Theory and Practice of Teaching ESOL Students in Schools. Methods of teaching English to Speakers of Other Languages (ESOL), ESOL curriculum and materials, cross-cultural understanding, applied linguistics in second language teaching., and test and evaluation of ESOL.
- Fall 2016 - TSL 4240-0003 (80354) CAH-LANG 3(3,0). Issues in Second Language Acquisition. English phonology, morphology, syntax, and semantics, for future teachers (Undergrad Level). College of Arts and Humanities, university of Central Florida

Research Experience

- Summer 2018 Dual-Language Support through Technology Enhanced Programs and Strategies (DL-STEPSS) Project, & Micro-credentialing of English Learners Teaching Skills (MELTS) Project. University of Central Florida.
- Worked in a team to design online platform for courses that featured ten effective teaching strategies for ELs; conducted online research and tracked relevant materials, inquired validity, and administered EL coaching and digital badging sessions.
- Summer 2017 Micro-credentialing of English Learners Teaching Skills (MELTS) Project. University of Central Florida
- Wrote digests for the video-modules on effective Teaching strategies for English language learners that integrate both content and language learning at once. Participated in data collection activities using focus group and face-to-face interviews of in-service teachers' perception of the video-modules that project MELTS developed. Prepared pretest and posttest questionnaires aimed at testing preservice teachers' knowledge of these skills.

International Teaching Experiences

- Apr 2009 - Jan 2012 **Lecturer of English.** Saurya International College, Kathmandu, Nepal
Taught Compulsory English (English literature and grammar) to the students of +2 Levels
- Sept 2006- Jan 2012 **Grammar Instructor.** National Institute for Nursing Education (NINE), Kathmandu, Nepal
Taught English grammar to the students who were preparing to take entrance examination for post-secondary competitive exams like PCL Nursing, B.Sc. Nursing, B. Pharma, Health Assistant (HA), etc.
- Apr 2007 - Apr 2010 **Lecturer of Literature and Linguistics.** Active Academy College, Kathmandu, Nepal

Taught English Literature and Language to the students of Graduate Levels. Teach both Major and Compulsory English Courses to the Students of Bachelor of Arts (BA), Bachelor of Education (B. Ed.), and Bachelor of Business Studies (BBS).

Jan 2004 - Jul 2007

Secondary Level English Teacher. New Knowledge English Boarding School, Kathmandu, Nepal

- Taught English and Social Studies to the Students of Secondary Levels. Provided counseling services to needy students; met parents and talked to them about the status of their children; enrolled new teaching staff.

GRANT & RESEARCH ACTIVITIES

Grant Proposal in Review

Estimating the impact of hierarchical factors on 15-year-old students' reading scores using the 2018 Program for International Student Assessment (2018) dataset: Proposal submitted to the American Educational Research Association Research Grant (PI with CoPI Kouider Mokhtari; Submitted January 2023; \$35,000).

Research & Scholarship

Complete field-testing, manuscript preparation, publication, web-development, and patent rights requests for (L2-MARSI), a new instrument aimed at measuring second language readers' awareness and use of reading strategies when reading printed and digital texts.

Grant Proposals Declined

Estimating student, teacher, & school effects on reading achievement outcomes using the 2018 Program for International Student Assessment (PISA) dataset: Proposal submitted to the American Educational Research Association for Research Grant (PI with CoPI Kouider Mokhtari; Submitted June 2022; \$35,000).

Estimating the school, teacher, and student effects of the reading achievement of US 15-year-olds: Proposal submitted to the Spencer Foundation (PI with CoPI Kouider Mokhtari; Submitted December 2022; \$50,000).

PUBLICATIONS

Journal Articles

Ghimire, N., Purmensky, K. L., & Regmi, S. (2022). Does infused ESOL teacher preparation hold promise towards narrowing the English Learner achievement gap? An analysis of the One-Plus model. *Florida Journal of Educational Research*, 59(3).

Ghimire, N., & Nutta, J. W. (2021). Focus on teacher education for closing English learner achievement gap: A study of one One-Plus model. Paper presented at the 2021 annual meeting of the American Educational Research Association.
<https://doi.org/10.3102/1685427>

Ghimire, N., & Regmi, S. (2020). Do school and school district influence students' performance on civics end-of-course assessment? A multilevel analysis. *Florida Journal of Educational Research*, 58(7), 3-19.

Ghimire, N. (2020). Narrowing English Learner (EL) achievement gaps: A multilevel analysis of an EL-infused teacher preparation model [Doctoral dissertation, University of Central Florida]. *Electronic Theses and Dissertation, 2020-216*.

Furgione, B., Evans, K., **Ghimire, N.**, Thripp, R., & Russell, W. B., III. (2018). What's on your plate? Correlating subsidized lunch and proficiency on the civics end-of-course assessment. *Educational Practice and Theory, 40*(1), 51-66. doi: 10.7459/EPT/40.1.04

Periodicals

Ghimire, N. (2023, July 17). Education matters: Empowering teachers. *Ratopati English*.

Ghimire, N. (2023, July 3). Education matters: Unmasking the private school myth in Nepal. *Ratopati English*. <https://english.ratopati.com/story/28616>

Ghimire, N. (2023, June 16). Education matters: Understanding Nepal's education. *Ratopati English*. <https://english.ratopati.com/story/28360>

Other Newspaper Articles

Ghimire, N. (2023, May 26). The fake Bhutanese refugee crisis: Unraveling Nepal's education declining and endangering our future. *Ratopati English*. <https://english.ratopati.com/story/27874>

Ghimire, N. (2023, June 02). From political scandals to fading attention: Demanding justice for the fake Bhutanese refugee crisis. *Ratopati English*. <https://english.ratopati.com/story/27979>

Manuscripts in progress

Ghimire, N. (*Manuscript Under Review*). Examining the impact of student and school characteristics on reading, mathematics, and science scores: A multilevel analysis using PISA 2018 data in the United States.

Ghimire, N., & Nutta, J. W. (*Manuscript Under Review*). Can teacher preparation affect English learner achievement? A study of elementary English learners' performance on classroom assessments administered by pre-service interns.

Ghimire, N., & Mokhtari, K. (*Manuscript Under Review*). The connection between parent characteristics and students' reading scores: A U.S. study.

Ghimire, N., & Mokhtari, K. (*Manuscript Under Review*). Unlocking adolescent reading achievement: The impact of teacher characteristics and school composition.

Ghimire, N., & Mokhtari, K. (*Manuscript Under Review*). How access to a home computer and internet impact 15-year-olds' reading achievement score? Manuscript under review.

Ghimire, N., & Mokhtari, K. (*Manuscript Under Review*). Estimating effects of school, teacher and student factors on reading achievement outcomes using the 2018 Program for International Student Assessment (PISA) dataset.

Ghimire, N., & Mokhtari, K. (*Manuscript in Preparation*). What makes students score higher and lower: A comparative study of top 5 and bottom 5 performing countries in PISA 2018 assessment.

Ghimire, N., & Mokhtari, K. (*Manuscript in Preparation*). Comparative study of school factors affecting students' reading achievement.

Mokhtari, K., & Ghimire, N. (*Manuscript in Preparation*). What makes a summer reading intervention for struggling 3rd through 5th graders effective?

PRESENTATIONS

Oral Presentations

Ghimire, N., & Mokhtari, K. (2023, May 4). *Estimating the school, teacher, and student effects on reading achievement of US 15-year-olds*. Paper presented at the 2023 American Educational Research Association (AERA) Annual Meeting, Virtual Session.

<https://www.aera.net/Events-Meetings/Annual-Meeting/2023-Annual-Meeting>

Ghimire, N., & Mokhtari, K. (2023, April 2 – 4). *School, teacher, and student impacts on reading scores: A study of 31-countries on top and bottom spectrum of PISA-2018 assessments*. Paper presented at the World Literacy Summit, Oxford University, Oxford, United Kingdom. <https://www.worldliteracysummit.org/>

Ghimire, N., & Nutta, J. W. (2021, April 8 – 12). *Focus on teacher education for closing English learner achievement gap: A study of the One-Plus model*. Paper presented at the 2021 American Educational Research Association (AERA) Annual Meeting.

<https://www.aera.net/Events-Meetings/2021-Annual-Meeting>

Ghimire, N. (2020, August 20). *Narrowing English Learner (EL) achievement gaps: A multilevel analysis of an EL-infused teacher preparation model*. Paper presented at the 2020 AERA Division K Graduate Student Pre-conference seminar, San Francisco, CA.

<https://www.aera20.net/>

Ghimire, N. (April 2020: *Accepted*). *Narrowing English Learner (EL) achievement gaps: A multilevel analysis of an EL-infused teacher preparation model*. Paper presented at the 17th Annual Showcase of Diverse Student Research, University of Central Florida, Orlando, FL.

Ghimire, N. (2019, November 19 – 20). *Do school and school-district contribute towards achievement gap on civics end-of-course assessment? A multilevel analysis*. Paper presented at the 64th Annual Meeting of the Florida Educational Research Association (FERA), St. Petersburg, Florida.

Kelsey, E. A., **Ghimire, N.** (2018, November). *Stressed and Depressed: Mindfulness, the 21st Century Undergrads' Coping Tool*. Paper presented the 98th National Council for the Social Studies (NCSS) Annual Conference, Chicago, IL. <https://networks.h-net.org/node/21708/discussions/2983543/ann-98th-national-council-social-studies-ncss-annual-conference>

Ghimire, N., Evans, K., Jahani, S., & Babayigit, S. (2018, November). *Effectiveness of mindfulness meditation-based stress reduction using outcome questionnaire 45.2 in undergrad college students*. Paper presented the 63rd Annual Meeting of the Florida Educational Research Association (FERA). St. Petersburg, Florida.

Ghimire, N. (2018, April). *Achievement gap on Civics end-of-course assessment among Florida schools*. Paper presented the 15th Annual Showcase of Diverse Student Research, University of Central Florida, Orlando, FL.

Furgione, B., Evans, K., **Ghimire, N.**, & Thripp, R. (2017, November). *Correlating subsidized lunch prevalence with seventh-grade civic end-of-course exam proficiency in Florida schools*. Paper presented the 97th National Council for the Social Studies (NCSS) Annual Conference, Orlando, FL.

Poster presentations

Ghimire, N. (2019, March 12 – 15). *Narrowing achievement gaps: ESOL infusion one plus teacher education model*. TESOL 2019, International Convention and English Language Expo, Atlanta, Georgia. <https://www.tesol.org/convention-2019>

Zhang, S. & **Ghimire, N.** (2018, April). *Pedagogical values of virtual classrooms with ELs in teacher education*. The 15th Annual Showcase of Diverse Student Research. The University of Central Florida, Orlando, FL.

Furgione, B., Evans, K., **Ghimire, N.**, & Thripp, R. (2017, March). *What’s on your plate? Correlating subsidized lunch and proficiency on the civics end-of-course assessment*. The 14th Annual Showcase of Diverse Student Research, University of Central Florida, Orlando, FL.

SELF-PACED LEARNING/CONTINUING EDUCATION

<i>Completion Date</i>	<i>Course Name and Institution</i>	<i>Description</i>
Nov 2021	<i>Foundations: Data, Data, Everywhere (Coursera)</i>	A foundational course included in the Google Data Analytics Professional Certificate program that equipped the learners with the skills needed to apply to introductory-level data analyst jobs.
May 2021	<i>Excel: Tips and Tricks (LinkedIn Learning)</i>	These 4 hour-24-minute-long online courses featured some powerful tips, tricks, and shortcuts that help learners leverage more of what Excel has to offer. It taught some time-saving tricks for creating formulas rapidly, accelerating data entry, and navigating within worksheets efficiently.
May 2021	<i>Essential Math for machine Learning: Python Edition (LinkedIn Learning)</i>	Approximately 2 hrs. online course reviewing the core mathematical concepts such as single-value calculus, multivariable calculus, matrices, and linear algebra required for developing and understanding machine learning algorithms.
April 2021	<i>Data Analytics Fundamentals (Amazon Web Services)</i>	This 3.5-hour self-paced digital course focusing on the big picture of the data analysis, data planning solutions, and the data analytic process involved in those solutions.
February 2021	<i>Structured Query Language (SQL) Using SAS (SAS Education)</i>	A six-weeks course about the SQL and its use with SAS to create reports and query data. Students learn, (a) Query and subset data, (b) Summarize and present data, (c) combine

		tables using joins and set operators, (d) create and modify tables and views, (e) create data-driven macro variables using a query, and (f) access DBMS data with SAS/ACCESS technology.
August 2020	<i>Data Science: R Basics (HarvardX, through edX)</i>	A four-week online program centering around the basic functions of R, statistical concepts, and data analysis techniques.
August 2020	<i>Power and Sample Size for Multilevel and Longitudinal Study Designs (University of Florida, Coursera)</i>	A five-week online course covering innovative, research-based power and sample size methods, and software for multilevel longitudinal studies. The goal was to teach and disseminate methods for accurate sample size choice and the creation of a power/sample size analysis or a relevant research study.
July 2020	<i>Big Data and Education (University of Pennsylvania, edX)</i>	An eight-week online program on mining and modeling of educational data using Educational Data Mining (EDM) and Learning Analytics (LA) Tools
March 2017	<i>Graduate Grantsmanship</i>	A series of five workshops: Research Funding Sponsors and Resources; Proposal Development and Collaboration, Proposal Writing, Budget Development, and Awards Management. (Office of Research and Commercialization, University of Central Florida, Orlando)
March 2015	<i>Equity Literacy for Educators</i>	Equity Literacy for Educators, Social Service Professionals, and Community Activists: Evidence-Based Strategies for Effectively Engaging Children and Families Living on Low Incomes. (Dr. Paul Gorski and the Office of Diversity, Inclusion & Equal Opportunity, University of South Florida)

CAREER ADVANCEMENT TRAINING:

National Center for Education Statistics (NCES), American Institutes for Research (AIR). (2023, June 21-23). *The 2023 National Assessment of Educational Progress (NAEP) High School Transcript Study Data Training Workshop.*

The workshop covered essential topics, including the unique design features of NAEP, NAEP psychometric models, complex sample design, utilization of the NAEP Data Explorer and EdSurvey (an R statistical package). The training also facilitated discussions on the challenges and opportunities within NAEP operations and research.

Harvard Business School. (2023, June 1; 11:00am - 12:30pm ET). *Elevating case-based teaching and learning with generative AI tools.*

The webinar, presented by Professor Mitchell Weiss, chair of HBS's first year required curriculum, explored the use of generative AI tools, such as ChatGPT, to enhance case-based teaching and learning. It provided insights on incorporating generative AI in teaching plans, using AI for case-based teaching practice, leveraging AI in for student preparation in vase-based sessions, and innovating existing case-based syllabi and class assignments. The webinar demonstrated potential of generative AI tools to facilitate deeper person-to-person discussions and accelerate preparation for case-based sessions.

Harvard Graduate School of Education and Institute for Success Planning. (2023, May 23; 11:30 am CT). *“Every Student Known” : Building Systems of Support Through Nashville’s Navigator Initiative.*

Presented by Michelle Sedaca, the session focused on Metro Nashville Public Schools’ Navigator Initiative, which aims to provide personalized, relationship-based strategies to support students.

National Council on Measurement in Education (NCME), State and Local Assessment Leaders (SLAL). (2023, May 9; 4:00pm – 5:30pm ET). *All too common misconceptions about the state assessments: Lies my psychometrician told me.*

The webinar focused on addressing common misconceptions in assessment, including topics such as “State Assessments Always Inform Instruction”, “Test Scores Must Always Be Comparable,” and the “NAEP and State Tests Are/Should Be Linked”. Renowned experts in the field, including Carla Evans (NCIEA), Lesley Muldoon (NAGB), Steve Sireci (UMass), and Scott Marion (Discussant), presented strategies to dispel these misconceptions and engage in open Q&A sessions. Antionette Stroter (Liberty University, VA) moderated the session. This webinar provided valuable insights into the impact of misconceptions on daily work related to state-level assessments and effective communication with diverse groups.

U.S. Department of Education. (2023, March 23; 1:00pm – 2:30pm ET). *Education innovation and research (EIR) program overview and application considerations.*

The webinar provided an overview of the EIR Programs and discussed important considerations for submitting applications. Participants had the opportunity to learn about the program details and ask questions.

NCME Large-Scale Assessment SIGMIE. (2023, March 21; 3:00pm – 4:15pm ET). *Fireside chat on expanding and enhancing the quality of data from comparative studies of educational achievement: Looking back and looking forward.*

Presented by Dr. Lale Khorramdel from the TIMSS and PIRLS International Study Center and Dr. Fredric Robin from ETS. The session focused on the advancements and future directions in collecting and analyzing data from comparative studies of educational achievement. It provided insights into expanding the quality of data and exploring new approaches in this field.

American Institutes for Research (AIR). (2023, February 7; 9:00am – 10:30am ET). *New findings and lessons learned from McGovern Dole’s food for education projects.*

The webinar focused on presenting new findings from meta-analysis of various Food-for-Education (FFE) projects funded by the United States Department of Agriculture (USDA). The session included discussions on topics such as the impact of COVID-19 disruptions and school closures on FFE projects, the effectiveness of literacy interventions in improving student learning, and the scalability and sustainability of these projects. AIR experts shared insights and outlined how lessons learned and new evidence are being applied to enhance the effectiveness of literacy outcomes in FFE programming, particularly in Benin and other regions.

National Center for Education Statistics (NCES), American Institutes for Research (AIR). (23, January 12-14). *Winter 2023 National Assessment of Educational Progress (NAEP) Data Training Workshop*.

The workshop aimed to provide quantitative researchers with strong statistical skills an opportunity to learn data analysis techniques using NAEP data. The training covered topics such as the unique design features of NAEP, NAEP psychometric models, complex sample design, using the NAEP Data Explorer and EdSurvey (an R statistical package), and conducting statistical analysis projects using NAEP data. The workshop also discussed the challenges and opportunities in NAEP operations and research.

PROFESSIONAL AFFILIATIONS

2022 – present	National Council on Measurement in Education (NCME)
2018 – present	TESOL International Association
2019 – present	American Educational Research Association (AERA)
2018 – present	Florida Educational Research Association (FERA)
2016 – 2021	Nepalese Student Union, University of Central Florida
2017 – 2018	National Council of Teachers of English (NCTE)
2017 – 2018	The American Council on the Teaching of Foreign Language (ACTFL)
2014 – 2016	Nepalese Student Union (NeSA), University of South Florida

COMMUNITY AND VOLUNTEER EXPERIENCE

2016	Organized and participated in fundraising activities (e.g., 5K walkathon) for Nepal earthquake victims
2015	Hillel Academy of Tampa. Conducted a session for the children of 4 th and 5 th grade about Nepal and the effect of earthquake among Nepalese Children
2014	Osher Lifelong Learning Institute (OLLI), University of South Florida, Book Club member
2010- 2012	Federation for Women and Children Rights (FWCR). Advocated for the rights of women and children affected by domestic violence.
2007 - 2011	Actively participated in a Youth Club and organized various social welfare programs (e.g., blood donation, free health checkup, free eye clinics, cleaning campaigns etc.) in coordination with diverse governmental/non-governmental organizations.
2004 onward	Regular blood donor

HONORS, AWARDS AND SCHOLARSHIPS

- May 2023 The Dean’s Office, College of Education and Psychology, University of Texas \$65 (awarded) Conference Registration Award to register for AERA annual meeting 2023.
- Spring 2023 Attended the Winter 2023 NAEP Data Training Workshop organized by the NCES, receiving comprehensive training in data analysis techniques using NAEP data, and benefiting from full financial support for travel, accommodations, and training materials.
- Jan 12-14, 2023
- Summer 2020 The Helios-Florida Consortium Completion Award, \$900 (awarded), Helios Education Foundation and the Florida Consortium of Metropolitan Research Universities
- Summer 2020 Tuition Scholarship, \$ 1245.95 (awarded), University of Central Florida, Orlando, FL
- Spring 2020 Division K Graduate Student Seminar Travel Award, \$ 200 (*Selected*), American Educational Research Association (AERA),
- Spring 2020 Graduate Student Presentation Fellowship, \$ 500 (awarded), the University of Central Florida, Orlando, FL
- Spring 2020 Graduate Student Association (GSA) Scholarship, \$ 500 (awarded), the University of Central Florida, Orlando, FL
- Fall 2019 Student Government Conference Registration and Travel (CRT) Fellowship, \$ 400 (awarded), the University of Central Florida
- Spring 2019 Graduate Student Union Presentation Fellowship, \$ 500 (awarded), the University of Central Florida
- Fall 2018 Graduate Presentation Fellowship, \$ 300 (awarded), the University of Central Florida
- Fall 2018 Graduate Student Union International Student Scholarship, \$ 400 (awarded), the University of Central Florida

EDUCATIONAL RESEARCH KNOWLEDGE

STATISTICAL KNOWLEDGE

- ✓ Hierarchical Linear Modeling (HLM)
- ✓ Multivariate Statistics
- ✓ Latent Variable Modeling
- ✓ Psychometrics
- ✓ Advanced Educational Research

STATISTICAL SOFTWARE KNOWLEDGE

- ✓ Statistical Package for the Social Sciences (SPSS)- Proficient
- ✓ Statistical Analysis Software (SAS)- Working Knowledge
- ✓ Hierarchical Linear Modeling (HLM) - Proficient
- ✓ RapidMiner Studio- Literate
- ✓ R - Proficient

LANGUAGE KNOWLEDGE

- Nepalese – First Language (L1)
- English – Proficient (L2)
- Hindi – Proficient (L2)