

The Third TELLSI/ILI Summer School Workshops

(Shahrivar 22-24th, 1396)

(September 13-15th., 2017)

First Workshop Day: Fundamentals of Data Analysis in Qualitative Research Studies (Shahrivar 22nd)

**By: Dr. Seyyed-Abdolhamid Mirhosseini, Alzahra University,
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Workshop Description:

Following a brief sketch of the nature of qualitative inquiry (in the area of language education), the workshop concentrates on the characteristics of qualitative data analysis based on the perspective of “grounded theory” (Charmaz, 2006). More specifically, the hands-on activities include the participants’ involvement in the process of data coding. Working with data excerpts from an already-concluded study on cultural concerns in English language education in Iranian language institutes, the participants will hopefully gain a first-hand experience of some fundamental aspects of qualitative data analysis in terms of its rewards as well as challenges.

Presenter’s Biodata:

Seyyed-Abdolhamid Mirhosseini is an Assistant Professor at Alzahra University, Tehran. His research areas include sociopolitics of language education, qualitative research methodology, and critical studies of discourse in society. His writing has appeared in journals including *Applied Linguistics*; *Critical Inquiry in Language Studies*; *Journal of Language and Politics*; *Journal of Multicultural Discourses*; *Language Problems and Language Planning*; and *Pedagogy, Culture & Society*. His most recent book is the edited volume of *Reflections on Qualitative Research in Language and Literacy Education* (Springer, 2017).

Second Workshop Day (Shahrivar 23rd):

- 1. Educational Technology and Educational Designing in Classrooms,**
- 2. Professional Presentation and Use of PowerPoint/Prezi Softwares, &**
- 3. The Application of Advanced Microsoft WORD for Writing a research paper, Essay, Thesis, Treatise and Book.**

By: Dr. Yusef Mahdavi, Tarbiat Modares University, *yusefmahdavi.n@gmail.com*

Workshops Description:

1. One of the skills necessary for students and professors in TEFL-related subjects is how to use modern teaching methods and instructional designs. The workshop looks at how to design and use the technological tools in the classroom. Following this line of approach, the participants will become familiar with novel Principles of teaching and instructional design and also new teaching/assessment methods.
2. Professional presentation requires the proper use of PowerPoint and PowerPoint softwares (e.g., Prezi), along with the principles of designing the message system, which are taken for granted by most scholars. This workshop has been designed to cope with this serious issue and the participants will get familiar with:
 - Using Master Slider
 - Principles of PowerPoint Design
 - Saving to various formats (movies, photos, etc.)
 - Saving fonts in presentation
 - Capture movie output and edit video and audio in PowerPoint
 - Using various animations
 - PowerPoint interactive list
 - Design with Pearl
 - Making interactive slides in the cue
3. The professional application of the Microsoft WORD software for writing research papers is something that not every scholar is good at. Even though MA and PhD students are partly familiar with the program, WORD software has special features for writing books and theses/dissertations that many are not familiar with. Therefore, the workshop will focus on the professional and practical aspects of the course, and the participants will gain the following skills during the workshop attendance:
 - Font settings and default paragraph
 - Settings for Persian writings
 - Numbers settings
 - Styles

- Automatic listing
- Automatic listing for tables and shapes
- Draw a variety of charts
- Quickly search and replace the content in the document
- Markings, bookmarks
- Inside/outside-text links
- Submitting editorial comments
- Insert footnotes, page number, ... for different sections
- Layout settings (determining columns, page margins, framing, paragraphs)
- Categorize the pages so that the number of pages and headers differ in various parts of the document.
- Edit English texts
- The correct typing principles
- Application of shortcut keys

Presenter's Biodata:

Yousef Mahdavi Nasab received his PhD in Educational Technology from Tarbiat Modares University and is the lecturer of Allameh Tabatabai and Sayyed Jamal Aldin Asad Abadi Universities. He has taught various MA/Bachelor courses, publishing papers on a range of topics including E-learning, educational game, Educational technology and Instructional design. His interest is E-learning & E- learning content production.

Second Workshop Day (Cont.) (Shahrivar 23rd): Technophobia and the Coping Strategies Any EFL Teacher Needs to Deal With

By: Dr. Zari Saeedi, Allameh Tabataba'i University, *saeedi.za@gmail.com*

Workshop Description:

One of the most undeniable psychological barriers to teachers' creativity and application of novel techniques, in general, and the use of technological tools, in particular, especially in EFL classrooms/contexts may be their phobia feelings. And of course with the ubiquitous use of technology some teachers or even students may experience technophobia 'fear of technology' which cannot be removed if they do not know how to psychologically deal with it. The purpose

of the intended workshop is to make the participants involved with some hands-on experiences in order to cope with technophobia or any related phobias which cause some ramifications in their professional career and the process of their teaching activities.

Presenter's Biodata:

Zari Saeedi received her PhD from the British University of Trinity College (Constituent College of Cambridge University) and is the professor of Allameh Tabataba'i University. She has taught various BA/MA/PhD courses, taking part in different national/international conferences, presenting/publishing papers on a range of topics including educational neuroscience (brain-based-language-learning), language-learning/culture, Computer Assisted Language Learning, and RRG Theory of Linguistics. Her recent works have been published by Benjamins and Equinox publications.

Third Workshop Day (Shahrivar 24th): Getting Familiar with R Software for Research Statistical Analysis (e.g., Regression, ANOVA, T-test, Correlation, ...)

By: Dr. Mohammad Hossein Zarghami, Assistant Professor at Behavioural Neurosciences Institute, *zar100@gmail.com*

Workshop Description:

The R Software combines a powerful programming language, a comprehensive range of statistical functions, and outstanding graphics and it is free. This multifunctional software is used to do different statistical analysis for carrying out a research paper and applies to many areas of scientific, statistical, testing, business, and other applications. In fact, the reward for mastery of R is access to a large and rapidly growing range of abilities. This workshop will cover the following topics:

An Overview of R and How it Works

1. Reading and writing data files
2. Important Operations in R
3. Getting Help in R
4. Useful Miscellaneous Skills

Descriptive Statistics

1. Frequency tables
2. Summary statistics: means, sums, variances, covariances

Statistical Tests

1. Introduction to Ordinary Least Squares **Regression** and **Pearson correlation**
2. **t-tests**, Wilcoxon tests, and Binomial tests for comparing two groups
3. **Chi-square** and Fisher's Exact tests for two categorical variables
4. One-way **ANOVA**

Presenter's Biodata:

Mohammad Hossein Zarghami received his PhD from Allameh Tabataba'i University and is currently the assistant professor at Behavioural Neurosciences Institute. His publications are on Applied Psychometrics, Testing, Behavioral and Neurological Data Analysis, R Programming, Computational Modeling, Psychometric Networking. His areas of interest are Item Response Theory, Network analysis, Brain data modeling, and psychological measurement based on Biological data. He has taught various MA/PhD courses especially in quantitative fields. He is researching on modern methods for analyzing brain data and modern psychometric techniques to model human constructs.