


RICHARD E. HOHN

PhD. Candidate with interests in psychometrics, multivariate statistics, data visualization, and research methodology

View this CV online with links at richohn.com/files/CV.html

EDUCATION


current
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2015

- **PhD: Historical, Quantitative, & Theoretical Psychology**
Simon Fraser University  Burnaby, BC
 - Emphasis: Psychometrics, Multivariate Statistics, & Research Methodology
 - Dissertation: Constructing Short Form Tests: A Review of Methodology and an Empirical Examination of Research Practices
 - Supervisor: Dr. Kathleen L. Slaney

2015
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2013


- **MA: Experimental Psychology**
James Madison University  Harrisonburg, VA
 - Emphasis: Judgment & Decision Making
 - Thesis: Myside bias in probabilistic ethical decision making
 - Supervisors: Drs. Richard F. West, Keith E. Stanovich

2013
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2008


- **Dual BA: Psychology & Philosophy**
University of West Florida  Pensacola, FL
 - Psychological Emphasis: Cognitive Psychology
 - Philosophical Emphasis: Philosophy of Science & Psychometrics

RESEARCH EXPERIENCE






current
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2015

- **Research Assistant**
Studies in Methodology and Philosophy of Psychological Sciences Lab
 Simon Fraser University
 - Collaborated on and led several phases of a research project exploring meta-analytic methods and practice in psychology.

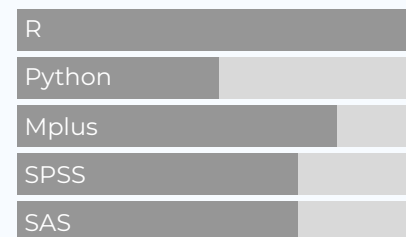
current
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2019

- **Research Assistant & Psychometrician**
Autism and Developmental Disabilities Lab  Simon Fraser University
 - Led project to develop and create a short form version of the Multidimensional Social Competency Scale

CONTACT

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 [ric-hohn](https://github.com/ric-hohn)
 richohn.com

LANGUAGE SKILLS



Last updated on 2022-11-02.

2021
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2018



Research Assistant & Psychometrician

Centre for Clinical Epidemiology and Evaluation

📍 Vancouver Coastal Health

- Member of a psychometric team assisting in the creation of the Vancouver Airways Health Literacy Tool
- Assisted in establishing a psychometric data analytic plan for a pilot stage and several validation stages of data collection and analysis
- Conducted all psychometric analyses

2021
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2020



Research Assistant & Psychometrician

Department of Family Practices

📍 University of British Columbia

- Member of a psychometric team assisting in the creation of the Pregnancy-specific Anxiety Scale
- Developed a data analytic plan for item selection, as well as for the evaluation of the scale's psychometric properties
- Conducted all psychometric analyses

2018



Data Analyst

Smoking Cessation Legacy Project

📍 Vancouver Coastal Health

- Thematically coded interview responses from cessation-oriented counselling sessions
- Planned and conducted all quantitative data analytic work



TEACHING EXPERIENCE

current
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2015



Teaching Assistant: Introduction to Data Analysis in Psychology (PSYC 210)

Simon Fraser University, Psychology Department

- Created and conducted tutorials for students enrolled in PSYC 210
- Have routinely held this appointment 1-2 times per academic year

current
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2018



Teaching Assistant: Intermediate Data Analysis with R (PSYC 301)

Simon Fraser University, Psychology Department

- Created and conducted labs for students enrolled in PSYC 301
- Labs focused primarily on teaching undergraduate students how to use R to conduct statistical analyses and visualize data
- Have routinely held this appointment 1-2 times per academic year

current
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2021



Graduate Peer in R

Simon Fraser University, Library Research Commons

- Created and conducted numerous workshops in R offered to university graduate students
- Topics have included: Introduction to R, Data Manipulation with dplyr, Data Visualization with ggplot2, Handling text-based data, among others
- See the "Workshops" sections below

I am passionate about teaching statistics. I believe that no topic is too complex if the teacher is clear, empathetic, and focuses on conceptual understanding first and foremost.

2021

● **Sessional Instructor: Introduction to Data Analysis in Psychology (PSYC210)**

Simon Fraser University, Psychology Department

- Summer 2021 Appointment
- Developed course model
- Created and delivered lectures on various statistical topics, including inferential statistics (e.g., correlation, regression, ANOVA)



AWARDS

2021,
2022

● **CCDP Teaching Assistant Award**

- Annual award for excellence in a teaching assistant role
- Awarded by the Canadian Council of Departments of Psychology

2021

● **SMEP Dissertation Research Grant**

- Award to help support the dissertation work of graduate students working in psychology and related disciplines, with special emphasis on multivariate approaches to measurement and analysis of substantive problems
- Awarded by the Society of Multivariate Experimental Psychology
- \$4,000

2021

● **M.D. Angus & Associates Graduate Fellowship in Psychology**

- This award is intended to provide financial support for a graduate student's work developing of a publishable standardized test
- Awarded by SFU for my work on the Multidimensional Social Competency Scale
- \$1,800

2021
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2016

● **Graduate Fellowship**

- Annual award offered in support of graduate students who demonstrate academic accomplishment
- Awarded by SFU Department of Psychology
- \$6,500



PUBLICATIONS

2022

● **Measuring Skill-based Health Literacy in Chronic Airway Disease Patients: The development and psychometric evaluation of the Vancouver Airways Health Literacy Tool (VAHLT)**

Quality of Life Research (under review)

- Hohn, R. E., Kopec, J. A., Sawatzky, R. F., & Poureslami, I.

- 2022 ● **Evaluation of a new performance-based, disease-specific health literacy measurement tool for patients with chronic airways diseases: the Vancouver Airways Health Literacy Tool (VAHLT)**
Respiratory Care (under review)
• Poureslami, I., Hohn, R. E., Kopec, J. A., Sawatzky, R. F., ..., & FitzGerald, J. M.
- 2022 ● **Pregnancy-Specific Anxiety Scale (PSAS): Instrument Development and Psychometric Evaluation**
Journal of Clinical Psychiatry (under review)
• Bayrampour, H., Hohn, R. E., Tamana, S., Sawatzky, R. F., ..., & Joseph, K. S.
- 2022 ● **A risk perception model to promote smoking cessation among adult current smokers: Application of a community-based smoking cessation intervention¹**
Tobacco Prevention and Cessation
• Hohn, R. E., Shum, J., & Poureslami, I.
- 2022 ● **Increasing the utility of the Comprehensive Assessment of Psychopathic Personality Lexical Rating Scale: Instrument adaptation and simplification²**
Assessment
• Hanniball, K. B, Hohn, R. E., Fuller, E. K., & Douglas, K. S.
- 2021 ● **An integrated framework to conceptualize and develop the Vancouver Airways Health Literacy Tool³**
International Journal of Environmental Research and Public Health
• Poureslami, I., Kopec, J., Tregobov, N., Shum, J., Sawatzky, R., Hohn, R. E., & FitzGerald, J. M.
- 2021 ● **Construct validity of the Comprehensive Assessment of Psychopathic Personality: Examining the internal structure and generalizability of CAPP self-ratings across gender and ethnicity⁴**
Assessment
• Hanniball, K. B, Hohn, R. E., Fuller, E. K., & Douglas, K. S.
- 2020 ● **Intransigence in mainstream thinking about psychological measurement⁵**
In J. T. Lamiell & K. L. Slaney (Eds.) Scientific psychology's troubling inertia: Some critical observations on its existence, sources, and possible remedies.
• Hohn, R. E.
- 2020 ● **An empirical review of research and reporting practices in psychological meta-analyses⁶**
Review of General Psychology
• Hohn, R. E., Slaney, K. L., & Tafreshi, D.

- 2019 ● **Primary study quality in psychological metaanalyses: An empirical assessment of recent practice⁷**
Frontiers in Psychology: Quantitative Psychology and Measurement
• Hohn, R. E., Slaney, K. L., & Tafreshi, D.
- 2018 ● **Random or Fixed? An empirical examination of meta-analysis model choices⁸**
Review of General Psychology
• Slaney, K. L., Tafreshi, D., & Hohn, R. E.

CONFERENCE CONTRIBUTIONS

- 2023 ● **Development and Psychometric Testing of the Pregnancy Specific Anxiety Scale (PSAS)**
International Confederation of Midwives (accepted)
• Bayrampour, H., Hohn, R. E., Tamana, S., Sawatzky, R. F., ..., & Joseph, K. S.
- 2023 ● **Development and Psychometric Testing of the Pregnancy Specific Anxiety Scale (PSAS)**
International Confederation of Midwives
• Bayrampour, H., Hohn, R. E., Tamana, S., Sawatzky, R. F., ..., Joseph, K. S.
• Oral Presentation
- 2022 ● **Measuring Skill-based Health Literacy in Chronic Airway Disease Patients: The development and psychometric evaluation of the Vancouver Airways Health Literacy Tool (VAHLT)**
International Society for Quality of Life Research Annual Conference
• Hohn, R. E., Kopec, J. A., Sawatzky, R. F., & Poureslami, I.
• Oral Presentation
- 2022 ● **Instrument Development and Psychometric Testing for the Pregnancy Specific Anxiety Scale (PSAS)**
The 20th Congress of the International Society of Psychosomatic Obstetrics & Gynaecology
• Bayrampour, H., Hohn, R. E., Tamana, S., Sawatzky, R. F., ..., & Joseph, K. S.
• Oral Presentation
- 2022 ● **Pregnancy Specific Anxiety Scale (PSAS): Instrument Development and Psychometric Testing**
The Biennial Conference of the International Marcé Society
• Bayrampour, H., Hohn, R. E., Tamana, S., Sawatzky, R. F., ..., & Joseph, K. S.
• Oral Presentation

Several of my conference opportunities were cancelled due to COVID-19. More contributions to come in the future!

- 2021 ● **Creating a short-form measurement instrument: A multifaceted approach using the Multidimensional Social Competency Scale**
Canadian Psychological Association Annual Conference
- Hohn, R. E.
 - Oral Presentation
- 2021 ● **Psychometric Validation of a Functional-Based, Disease Specific Health Literacy Measurement Tool for Patients with Asthma and Chronic Obstructive Pulmonary Disease (COPD)**
American Thoracic Society Annual Conference
- Poureslami, I, Hohn, R. E, Tregobov, N, Shum, J., Kopec, J., Sawatzky, R., ..., & FitzGerald, J. M.
 - Abstract Presentation
- 2019 ● **Development of a new measure of health literacy: Preliminary results of item analysis.**
International Society for Quality of Life Research Annual Conference
- Kopec, J., Hohn, R. E, Sawatzky, R., Poureslami, I., Shum, J., Rootman, I., ..., & FitzGerald, J. M.
 - Oral Presentation
- 2019 ● **Investigating the generalizability of the Comprehensive Assessment of Psychopathic Personality.**
American Psychology Law Society Annual Conference
- Hanniball, K. B, Hohn, R. E., Fuller, E. K., & Douglas, K. S.
 - Oral Presentation
- 2018 ● **The tools of test validity.**
Society for Theoretical and Philosophical Psychology Midwinter Meeting
- Hohn, R. E.
 - Oral Presentation
- 2018 ● **Incorrigibility in psychological measurement.**
Society for Theoretical and Philosophical Psychology Midwinter Meeting
- Hohn, R. E.
 - Oral Presentation
- 2018 ● **An empirical investigation of reporting practices in psychological meta-analyses.**
American Psychological Association Annual Convention
- Hohn, R. E., Slaney, K. L., & Tafreshi, D.
 - Poster Presentation

- 2017 ● **Are psychological attributes like intensive properties? Accounting for the similarities and differences.**
Canadian Psychological Association Annual Conference
 - Hohn, R. E.
 - Oral Presentation
- 2017 ● **On comparisons between psychology and physics in the measurement debate.**
Society for Theoretical and Philosophical Psychology Midwinter Meeting
 - Hohn, R. E.
 - Oral Presentation
- 2017 ● **Understanding model choice and conceptualization: An examination of reporting practices in psychological meta-analyses.**
Canadian Psychological Association Annual Conference
 - Hohn, R. E., Slaney, K. L., & Tafreshi, D.
 - Poster Presentation
- 2016 ● **Utilitarian myside bias in probabilistic ethical reasoning.**
Canadian Psychological Association Annual Conference
 - Hohn, R. E. & West, R. F.
 - Poster Presentation
- 2015 ● **Longitudinal measurement invariance of the Achievement Goal Orientation Questionnaire-Revised among college students.**
Association for Psychological Science Annual Conference
 - Hathcoat, J. D., Hohn, R. E., & Sequeria, S. N.
 - Poster Presentation



WORKSHOPS AND INVITED PRESENTATIONS

- 2021 ● **Use dplyr to effectively handle data in R**
Simon Fraser University, Library Research Commons
 - Reviewed the core functionality of the dplyr package
 - Have conducted this workshop on two occasions
 - Half day, four hour workshop
- 2021 ● **Manipulating and Handling Text Data in R**
Simon Fraser University, Library Research Commons
 - Surveyed the baseR and stringr package functionality for manipulating text-based data, including the integration of regular expressions
 - Half day, four hour workshop

I enjoy crafting and offering workshops across a range of subjects for both statistical and programming applications.

- 2021 ● **RMarkdown: Learn to Create Webpages, PDF Documents, and Formal Reports in RStudio**
Simon Fraser University, Library Research Commons
- Demonstrated the versatility of the RMarkdown document format for generating statistical reports
 - Half day, four hour workshop
- 2020 ● **Introduction to R**
Simon Fraser University, Library Research Commons
- Covered basic topics of introductory R programming, data manipulation, data visualization, and statistical analysis
 - Have conducted this workshop on three occasions
 - Two day, ten hour workshop
- 2019 ● **Modeling Ordered-Categorical Variables and Assessing Measurement Invariance**
Simon Fraser University, Psychology Department
- Invited Speaker at the Simon Fraser University Psychology Department's Historical, Quantitative, & Theoretical Psychology Seminar Series
 - Reviewed latent variable response approaches (e.g., weighted least squares means- and variance-adjusted estimation) to modeling categorical or non-normal data
- 2018 ● **Understanding and applying item response theory using R**
Simon Fraser University, Psychology Department
- Surveyed the foundational ideas of Classical Test Theory, Generalized Linear Models, and Item Response Theory
 - Included a demonstration of item response modeling in R using the mirt package, for dichotomous and polytomous models
 - Full day, eight hour workshop
- 2014 ● **A brief introduction to the issues of philosophy of science**
James Madison University, Psychology Department
- Invited Speaker at the James Madison University Psychological Sciences Round Table Lecture Series

LINKS

- 1: <https://doi.org/10.18332/tpc/152888>
- 2: <https://doi.org/10.1177/10731911211040108>
- 3: <https://doi.org/10.3390/ijerph18168646>
- 4: <https://doi.org/10.1177/1073191120922621>
- 5: <https://doi.org/10.4324/9781003124757>
- 6: <https://doi.org/10.1177/1089268020918844>
- 7: <https://www.doi.org/10.3389/fpsyg.2018.02667>
- 8: <https://www.doi.org/10.1037/gpr0000140>