Selected Publications

**Barchard, K. A., & Brouwers, V.** (in press). Internal consistency and power when comparing total scores from two groups. *Multivariate Behavior Research.*


TEACHING RESOURCES

Barchard, K. A., & Lapping-Carr, L. (2016). Introduction to SPSS: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

Barchard, K. A., & Lapping-Carr, L. (2016). Graphs for SPSS: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

Barchard, K. A., & Lapping-Carr, L. (2016). The Syntax Window for SPSS: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

Barchard, K. A., & Lapping-Carr, L. (2016). Calculating Statistics for Subgroups for SPSS 22.0: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

Barchard, K. A., & Lapping-Carr, L. (2016). Recoding for SPSS 22.0: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

Barchard, K. A., & Lapping-Carr, L. (2016). Inferences about the Mean of a Single Sample in SPSS 22.0: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org
Barchard, K. A., & Lapping-Carr, L. (2016). Comparing Independent Samples in SPSS 22.0: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

Barchard, K. A., & Lapping-Carr, L. (2016). Comparing Dependent Samples in SPSS 22.0: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

Barchard, K. A., & Lapping-Carr, L. (2016). Correlation in SPSS 22.0: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

Barchard, K. A., & Lapping-Carr, L. (2016). Creating a Conference Poster on Sex Differences using SPSS 22.0 and PowerPoint: Assignment and Grading Rubric. TeachPsychScience [a peer-reviewed website of resources for teaching research and statistics in psychology, supported by a grant from the Association for Psychological Science]. Retrieved from TeachPsychScience.org

MANUSCRIPTS UNDER REVIEW


Donohue, B., Plant, C. P., Barchard, K. A., Gillis, D. J. (under review). Examination of the extent to which employment factors are associated with reduced child maltreatment


Haboush-Deloye, A., & Barchard, K. A. (under review). An Intricate Examination of the Process of Suppression to Understand Cultural Differences in Health Outcomes. Current draft 31 pages (with 1 inch margins all around) or 36 pages (with 1.5 inch top and bottom margins).

TEACHING RESOURCES – UNDER REVIEW

MANUSCRIPTS BEING REVISED
MANUSCRIPTS IN PREPARATION

Nuñez, A., Zink, D. N., Barchard, K. A., San Miguel, L. E., Copeland, V., & Allen, D. N. (2016). Factor structure of the Wechsler Intelligence Scale for Children—Fourth Edition Spanish in a clinical sample of Puerto Rican children. We presented this at the National Academy of Neuropsychology 36th Annual Conference. Now we need to expand this into a full paper.

Stephen Benning, Kim Barchard, Shane Westfall, Vince Brouwers, and Stephanie Molina. (in prep). Development of the IPM. We agreed upon order of authorship on May 12 2016. Stephen suggested we do a poster on the development of the IPM for the Psychopathy Society meeting which is in May or June 2017, with a deadline in Nov or Dec.

Short form of the IPM. Stephanie Molina will have a prominent role. Beyond that, it’s too early to tell what order of authorship will be. Additional authors Kim, Shane, Vince, Stephen. Stephanie and Shane may work on a poster for SPSP. Deadline in July.

Gender and Ethnic differences. Vince will take a prominent role. Stephen Benning will be last author, Gloria Wong will probably be second-to-last (given her interest in ethnic differences). Additional authors include Kim, Shane, Stephanie, but we don’t know order of authors.


**THESES**


**Barchard, K. A. (1993).** Comparing the factor structure of men and women on the body image avoidance questionnaire (Honors thesis, Simon Fraser University, Burnaby, Canada).

**COMPUTER PROGRAMS AND MANUALS**

**Computer Scoring**

Leaf, D. E., & **Barchard, K. A. (2013, Sept). Program for Open-Ended Scoring [POES] version 2.0.1.** Unpublished Windows-based program that scores open-ended tests according to the criteria given in the selected Wordlist. Program is written in Python to improve platform compatibility and adds two new scoring techniques. Available from barchard@unlv.nevada.edu


Leaf, D.E. & **Barchard, K. A. (2010, Jan). Program for Open-Ended Scoring [POES] version 1.4.1.** Windows-based program that scores open-ended tests according to the criteria given in the selected Wordlist.

Leaf, D.E. & **Barchard, K. A. (2002, Fall). LEAS Wordlist 1.0.** File to be used with POES to allow scoring of the Levels of Emotional Awareness Scale.

**Barchard, K. A. (2006, Sept). LEAS Wordlist 2.1.** File to be used with POES to allow scoring of the Levels of Emotional Awareness Scale.

**Barchard, K. A. (2009, Sept). LEAS Wordlist 2.2.** File to be used with POES to allow scoring of the Levels of Emotional Awareness Scale.

Barchard, K. A. (2010, Feb). LEAS Wordlist 2.4. File to be used with POES to allow scoring of the Levels of Emotional Awareness Scale.

Barchard, K. A. (2013, March). LEAS Wordlist 2.5. File to be used with POES to allow scoring of the Levels of Emotional Awareness Scale.


Statistics Calculators


Barchard, K. A. (2006, Dec). SPSS Syntax program to calculate partial coefficient alpha. Syntax file to be used with SPSS to calculate partial coefficient alpha for a specified number of items and participants.

Data Entry


Barchard, K. A., Bedoy, E. H., Verenikina, Y., & Pace, L. A. (2016, Jan). Poka-Yoke Double Entry System Version 3.0.75. Excel 2013 file that allows double entry, checking for mismatches, and checking for out of range values. Available at http://faculty.unlv.edu/barchard/doubleentry/ or from Kimberly A. Barchard, Department of Psychology, University of Nevada, Las Vegas, kim.barchard@unlv.edu
Barchard, K. A., Verenikina, Y., Bedoy, E. H., & Pace, L. A. (2015, April). *Poka-Yoke Double Entry System Version 2.2.01*. Excel 2010 file that allows double entry, checking for mismatches, and checking for out of range values. Available at http://faculty.unlv.edu/barchard/doubleentry/ or from Kimberly A. Barchard, Department of Psychology, University of Nevada, Las Vegas, kim.barchard@unlv.edu


Barchard, K. A., Verenikina, Y., & Pace, L.A. (2013, April). *Poka-Yoke PLUS Double Entry System Version 2.0.34*. Excel file that allows double-entry data entry with checking for mismatches, out-of-range values, and out-of-list values, and allows the user to correct errors twice and ensure these corrections agree. Available at http://faculty.unlv.edu/barchard/doubleentry/ or from Kimberly A. Barchard, Department of Psychology, University of Nevada, Las Vegas, barchard@unlv.nevada.edu.


**Instructional Videos**

**Three instructional videos on different data entry methods, and three more instructional videos on three data checking methods.**


* Available from the authors. All of these were developed entirely at UNLV.

**COMPUTER PROGRAMS IN PREPARATION**

Awareness Scale Training and Certification Program. Internet-based computer program that teaches users to score the LEAS. University of Nevada, Las Vegas. [Program in preparation. Being pre-tested before distribution.]
PUBLISHED TEACHING RESOURCES


PSYCHOLOGICAL MEASURES*


Barchard, K. A. *Sensations Test*. Maximum-performance test of the ability to identify one’s own emotions.


Barchard, K. A. *Computerized LEAS*. Online version of the Levels of Emotional Awareness Scale.

Christensen, M. & Barchard, K. A. *Las Vegas Clinical Psychologist Expert Scoring Key for the MSCEIT 2.0*. New expert scoring key that can be used to score the MSCEIT 2.0, which is a maximum-performance test of Emotional Intelligence.

Christensen, M. & Barchard, K. A. *Las Vegas Consensus Scoring Key for the MSCEIT 2.0*. New consensus scoring key that can be used to score the MSCEIT 2.0, which is a maximum-performance test of Emotional Intelligence.


Barchard, K. A. *Las Vegas Vocabulary Test*. Multiple-choice vocabulary test with items of increasing difficulty, designed for online administration.

Floyd, M., & Barchard, K. A. *Dysfunctional Attitudes Scale for Older Adults (DAS-OA)*. Self-report measure of cognitive attitudes related to depression in older adults.


Barchard, K. A. *Personal Emotions Questionnaire*. Open-ended test of emotional experiences.


Barchard, K. A. *Attending to Emotions Scale*. Self-report measure of the tendency to pay attention to emotions.

Barchard, K. A. *Emotion-Based Decision-Making Scale*. Self-report measures of the tendency to base important life decisions on emotions rather than logic.

* Available from the authors. With the exception of the last four measures, all of these were developed primarily or entirely at UNLV.

**GRANTS**

**Funded**

UNLV University Faculty Travel Award $375  

UNLV University Faculty Travel Award $750  
Attendance at Terman Teaching Conference and Western Psychological Association, in Portland, OR, April 23 – 27, 2014.

UNLV University Faculty Travel Award $450  

UNLV University Faculty Travel Award $595  
Attendance at Terman Teaching Conference and Western Psychological Association, in San Francisco, CA, April 26 – 29, 2012.

UNLV University Faculty Travel Award $744  
Attendance at Terman Teaching Conference and Western Psychological Association, in Los Angeles, CA, April 27 – May 1, 2011.

UNLV University Faculty Travel Award $500  
Attendance at American Psychological Association Convention, in San Diego, California, August 11 - 16, 2010.

UNLV University Faculty Travel Award $1000  
Attendance at Terman Teaching Conference and Western Psychological Association Conference, in Cancun, Mexico, April 21 – 25, 2010.

UNLV University Faculty Travel Award, $1000  
Attendance at Terman Teaching Conference and Western Psychological Association Conference, in Portland Oregon, April 22 – 26, 2009.

UNLV University Faculty Travel Award, $1000  
Attendance at Terman Teaching Conference and Western Psychological Association Conference, April 28 – May 6, 2007.
Psychopathy, Emotion, and Behavior, $5000
UNLV Stimulation, Implementation, Transition & Enhancement Grant
2003–2005, Co-PI with Jennifer Skeem
Purposes:
- Examine relation of Emotional Intelligence to Primary and Secondary Psychopathy
- Examine relation of Primary and Secondary Psychopathy to violence risk

Unfunded
Automated Computerized Data Collection, requested $7,344
UNLV Stimulation, Implementation, Transition & Enhancement Grant
2004
Purposes:
- Develop an automated computerized data collection program that will eliminate the limitations of paper-based data collection systems, by eliminating costs, improving confidentiality, and allowing more control over administration procedures.

<table>
<thead>
<tr>
<th>TITLE</th>
<th>Designing Effective Web-based Simulations for Environmental Learning and Engagement</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUNDING AGENCY</td>
<td>National Science Foundation</td>
</tr>
<tr>
<td>AIMS / GOAL OF GRANT</td>
<td>Objective of the research is to develop and test the effectiveness of design principles for web-based systems simulations exploring environmental sustainability problems. Learning objective is to develop systems thinking skills (similar to intuitive knowledge, depending on definition, e.g., ‘quick perception of anticipated situations,’ Swaak and de Jong 2001) Overall hypothesis is that discovery or inquiry learning promotes this better than direct or expository instruction.</td>
</tr>
<tr>
<td>PI/CO-PI/OTHER</td>
<td>PI: Krystyna Stave, Environmental Studies Co-PI: Kent Crippen, Susanna Priest</td>
</tr>
<tr>
<td>PERCENTAGE OF YOUR TIME CONTRIBUTION</td>
<td>25 months per year</td>
</tr>
<tr>
<td>TERM OF GRANT Beginning/ End Dates</td>
<td>3 years</td>
</tr>
<tr>
<td>TOTAL AWARD</td>
<td>$550,000</td>
</tr>
</tbody>
</table>

My role: Advisor on online research, research design, statistical analyses, ethical issues, evaluation of learning

ACTION EDITOR

Emotion Review
number of papers in 2010: 3
number of papers in 2011: 10

EDITORIAL REVIEW BOARD

Emotion Review, May 2012 – Present
Impact factor 3.356; 5-year impact factor 3.653.
Ranks 15 / 129 in JCR rankings for Psychology, Multidisciplinary
  number of papers in 2012: 4
  number of papers in 2013: 2
  number of papers in 2012: 4
  number of papers in 2013: 2
  number of papers in 2014: 8
  number of papers in 2015:

Series Editor: Methods in Emotion Research, Sept 2013 – Present
  papers invited in 2013: 2
  papers invited in 2014: 6
  papers invited in 2015:
  papers edited in 2015:

Co-Editor: Special Issue on Emotional Intelligence, July 2014 – Present
  In 2014: formed editorial team
  planned issue, including 7 articles, 6 commentaries, and 3
  author replies
  In 2015: editor for 4 papers

REVIEWING

Journals
  Multivariate Behavioral Research
  Psychometrika
  Journal of Multivariate Analysis
  Educational and Psychological Measurement
  Personality and Individual Differences
  Personality and Social Psychology Bulletin
  Canadian Journal of Behavioural Science
  Journal of Experimental Psychology: Applied
  European Journal of Psychological Assessment
  Assessment
  Journal of Educational and Behavioral Statistics
  Emotion
  Behavior Research Methods

Grants
  Social Sciences and Humanities Research Council of Canada

PROFESSIONAL MEMBERSHIPS
NATIONAL AND INTERNATIONAL PRESENTATIONS


Poster presented at the Society for Personality and Social Psychology conference, Long Beach, CA.


17. Barchard, K. A. (2012, May). Factor analysis during test design can reduce power: Throwing out the baby with the bath water. Poster presented at the Association for Psychological Science conference, Chicago, IL.


30. Barchard, K.A. (2009, Oct). Ethical issues in online experiments and questionnaires. Presentation at the Association of Internet Researchers annual convention, Milwaukee, WI.


**REGIONAL AND LOCAL PRESENTATIONS**


4. **Barchard, K. A.** (2015, Sept). *Null hypothesis significance testing is sexist, biased, and misunderstood.* Spoken presentation at UNLV Psychology Department Experimental Proseminar, Las Vegas, NV.


91. Park, J. C., Kautz, B. W., Grob, K.E., & Barchard, K. A. (2010, Nov). Which Computer Skills are most important for data checking accuracy? Poster presented at the UNLV Psychology Undergraduate Research Conference.


**SUBMITTED PRESENTATIONS**

**International**

**National**

Psychopathy conference with Stephen Benning, submitted Jan 2015

Barchard, K. A. (Jan, 2016). Null hypothesis significance testing is prejudiced. Poster submitted for possible presentation at the Society for Personality and Social Psychology, San Diego, CA.

**Local and Regional**

WPA

AABSS

**IN PREPARATION PRESENTATIONS**

**International**

**National**


**Local and Regional**

WPA
Where can we present this?