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# Paul G. Curran, Ph.D.

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## Professional Positions

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- 2015-            *APTMetrics, Evanston, IL*  
                    *Consultant, 2015-*
- 2013-2015    *Kenyon College, Gambier, OH*  
                    *Visiting Assistant Professor of Mathematics & Statistics, 2013-2015*  
                    *Visiting Assistant Professor of Psychology, 2013-2015*
- 2012-2015    *Institutional Research, Kenyon College, Gambier, OH*  
                    *Senior Research Analyst, 2013-2014*  
                    *Research & Evaluation Consultant, 2014-2015*
- 2008-2012    *Statistical Consultant, Center for Statistical Training and Consulting (CSTAT), Michigan State University,*  
                    *East Lansing, MI*
- 2008-2009    *Research and Development Intern, Denison Consulting, Ann Arbor, MI*
- 2005-2008    *Graduate Research Associate, Department of Psychology, Michigan State University, East Lansing, MI*

## Education

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- 2012            Ph.D., Industrial and Organizational Psychology  
                    Michigan State University, East Lansing, MI  
                    Dissertation: "Building a Better Test with Confidence (Testing)."  
                    Chair: Dr. Steve W. J. Kozlowski
- 2008            Master of Arts, Industrial and Organizational Psychology  
                    Michigan State University, East Lansing, MI  
                    Thesis: "Exploration and Exploitation: A New Explanation of Differential Goal-Setting Effects."  
                    Chair: Dr. Richard P. DeShon
- 2004            Bachelor of Arts, Physics  
                    Bachelor of Arts, Psychology  
                    Illinois Wesleyan University, Bloomington, IL  
                    Honor's Thesis Chair: Dr. John M. Ernst

## Publications

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**Curran, P.G.** (2015). Methods for the detection of carelessly invalid responses in survey data. *Journal of Experimental Social Psychology*. (In press).

Moore, J., Rosinski, P., Peeples, T., Pigg, S., Rife, M.C., Brunk-Chavez, B., Lackey, D., Rumsey, S.K., Tasaka, R., **Curran, P.\***, & Grabill, J.T. Revisualizing Composition: How First-Year Writers Use Composing Technologies. (In press).

- Merritt, S., Sinha, R., **Curran, P.G.**, & Ilgen, D. (2015). Attitudinal predictors of relative reliance on human vs. automated advisors. *International Journal of Human Factors and Ergonomics*, 3, 327-345.
- Pigg, S., Grabill, J.T., Brunk-Chavez, B., Moore, J.L., Rosinski, P., & **Curran, P.G.\*** (2014). Ubiquitous Writing, Technologies, and the Social Practice of Literacies of Coordination. *Written Communication*, 31, 91-117.
- Blythe, S., Lauer, C., & **Curran, P.G.\*** (2014). Professional and Technical Communication in a Web 2.0 World: A Report on a Nationwide Survey. *Technical Communication Quarterly*, 23(4).
- Hughes, A.K., Rostant, O.S., & **Curran, P.G.\*** (2014). Improving Sexual Health Communication Between Older Women and Their Providers: How the Integrative Model of Behavioral Prediction Can Help. *Research on Aging*, 36(4), 450-466.
- Grabill, J.T., Hart-Davidson, W., Pigg, S., McLeod, M., **Curran, P.**, Moore, J., Rosinski, P., Peebles, T., Rumsey, S., Courant Rife, M., Tasaka, R., Lackey, D., & Brunk-Chavez, B.. "Revisualizing Composition: Mapping the Writing Lives of First-Year College Students." Web. Reprinted in *Writing About Writing: A College Reader*. Eds. Elizabeth Wardle and Doug Downs. Boston: Bedford/St. Martin's, 2014. 724-739.
- Annear M.J., Mowat F.M., Bartoe J.T., Querubin J., Azam S.A., Basche M., **Curran P.G.\***, Smith A.J., Bainbridge J.W., Ali R.R., Petersen-Jones S. (2013). Successful gene therapy in older Rpe65-deficient dogs following subretinal injection of an adeno-associated vector expressing RPE65. *Human Gene Therapy*, 24, 883-893.
- Huang, J. L., **Curran, P.G.**, Keeney, J., Poposki, E. M., & DeShon, R. P. (2012). Detecting and Detering Insufficient Effort Responding to Surveys. *Journal of Business and Psychology*, 27, 99-114.
- Curran, P.**, Kotrba, L., & Denison, D. (2011). Careless Responding in Surveys: Applying Traditional Techniques to Organizational Settings. *Personnel Testing Council Quarterly*, 7, 9-13.
- Annear, M. J., Bartoe, J. T., Barker, S. E., Smith, A. J., **Curran, P.G.\***, Bainbridge, J. W., Ali, R. R. & Petersen-Jones, S. M (2011). Gene therapy in the second eye of RPE65 -/- dogs improves retinal function. *Gene Therapy*, 18, 53-61.
- Rumbeiha, W.K., Agnew, D., Maxie, G., Hoff, B., Page, C., **Curran, P.\*** & Powers, B. (2010). Analysis of a Survey Database of Pet Food-Induced Poisoning in North America. *Journal of Medical Toxicology*, 6, 172-184.

\* Worked as statistical consultant

### Works in Progress

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- Pierce, K.E., **Curran, P.G.\***, Zelinka, C.P., Fischer, A.J., Petersen-Jones, S.M., & Bartoe, J.T. (Under review). Sildenafil suppresses rod-mediated ERG responses in dogs heterozygous for a functional null mutation in Pde6a.
- Pierce, K.E., Wilkie, D., Gemensky-Metzler, A., **Curran, P.\***, Townsend, W., Petersen-Jones, S.M., Bartoe, J.T. (Under review). An Association Between Systemic Cyclosporine Administration and Development of Acute Bullous Keratopathy in Cats.

\* Worked as statistical consultant

## R Packages

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**Curran, P.G.** (Forthcoming). CIE: Automated Calculation of Careless/Insufficient Effort Responding Statistics. R package version 0.9.0; [<https://github.com/paulgcurran/cie>].

## Technical Reports and White Papers (Inquire for full listing)

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**Curran, P.G.** (in preparation). *Report on the Essentials Grant*. Kenyon College Center for Innovative Pedagogy, Gambier, OH.

**Curran, P.G.** (2013). *Report on the Results of the Course Goals Inventory*. Kenyon College Center for Innovative Pedagogy, Gambier, OH.

**Curran, P.G.** & Kuljanin, G. (2011). *Results of March of Dimes Healthy Mothers/ Healthy Babies vitamin survey: The year after*. Telemon Corporation, Lansing, MI.

Kassens-Noor, E, Vertalka, J., Sojka, A., **Curran, P.\*** & Maguire, A. (2010). *Report on preferences of Michigan communities along the Wolverine Corridor for the future of Michigan's high speed rail service*. East Lansing, MI: Institute for Public Policy and Social Research.

Kuljanin, G. & **Curran, P.G.** (2009). *Results of March of Dimes Healthy Mothers/ Healthy Babies Vitamin Survey: Year three of three*. Telemon Corporation, Lansing, MI.

**Curran, P.G.** (2009). *Careless responding in organizational culture survey data: Summary of findings*. Internal Report, Denison Consulting, Ann Arbor, MI.

**Curran, P.G.** (2009). *Summary of the use of difference scores on reverse worded item pairings as a method of invalid data detection*. Internal Report, Denison Consulting, Ann Arbor, MI.

**Curran, P.G.** (2009). *User's Guide to Custom Syntax for Creation of Invalid Response Detection Statistics*. Internal Report, Denison Consulting, Ann Arbor, MI.

**Curran, P.G.** (2009). *Recommendations for the use of invalid response detection techniques on OCS data*. Internal Report, Denison Consulting, Ann Arbor, MI.

**Curran, P.G.** & Kuljanin, G. (2008). *Results of March of Dimes Healthy Mothers/ Healthy Babies vitamin survey: Year two of three*. Telemon Corporation, Lansing, MI.

Kuljanin, G. & **Curran, P.G.** (2007). *Results of March of Dimes Healthy Mothers/ Healthy Babies vitamin survey: Year one of three*. Telemon Corporation, Lansing, MI.

\* Worked as statistical consultant

## Recent Presentations, Posters, and Invited Talks (Inquire for Full Listing)

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**Curran, P.G.** & Hauser, K.A. (2015). Understanding Responses to Check Items: A Verbal Protocol Analysis. Presented at the 30<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Philadelphia, PA, April 23-25, 2015.

**Curran, P.G.** (2015) Beyond Dichotomous: A Method for Collecting Better Test Data. Presented at the 2015 National Council on Measurement in Education Annual Meeting, Chicago, IL.

- Curran, P.G.** (2014) The art of data visualization: A discussion of Mike Bodge's NSKYC. Invited talk at Kenyon College's Gund Art Gallery, Gambier, OH, April, 2014.
- Curran, P.G.** (2013) Building a better test with confidence testing. Invited talk at Thomas More College, Crestview Hills, KY, October, 2013.
- Curran, P.G.** (2012). Building a better test with confidence testing. Invited talk at Kenyon College Common Hour Colloquium Series, Gambier, OH, October, 2012.
- Curran, P.** & Kotrba, L. M. (2012). The impacts of invalid responding: A simulation study. Presented at the 27<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, San Diego, CA, April 26-28, 2012.
- Huang, J. L., **Curran, P.G.**, Keeney, J., Poposki, E. M., & DeShon, R. P. (2011). Detecting insufficient effort responding to surveys: Convergent validity and psychometric impact. Paper presented at the 71<sup>st</sup> Annual Convention of the Academy of Management Association, San Antonio, TX, August 12-16, 2011.
- Curran, P.**, Kozlowski, S. W. J, Firth, B., Kuljanin, G., Park, G. & DeShon, R. P. (2010, August). Metacognition and frequency of feedback: Effects on self-regulation. Paper presented at the 70<sup>th</sup> Annual Convention of the Academy of Management Association, Montreal, Quebec, Canada, August 6-10, 2010.
- Curran, P.**, Kotrba, L., & Denison, D. (2010, April). Careless responding in surveys: Applying traditional techniques to organizational settings. Poster presented at the 25<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Atlanta, GA, April 8-10, 2010.

### Symposia Chaired

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- Curran, P.G.** (2015). Invalid Responding in the survey process: Detection, deterrence, and understanding. Symposium presented at the 30<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, Philadelphia, PA, April 23-25, 2015.
- Curran, P.** & Carter, N. (2012). Invalid data in surveys: Antecedents, detection, and consequences. Symposium presented at the 27<sup>th</sup> Annual Conference of the Society for Industrial and Organizational Psychology, San Diego, CA, April 26-28, 2012.

### Consulting Experience

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| 2015-     | <i>Kenyon College, VALUE Project, Gambier, OH</i><br>Led a campus initiative to customize and implement tools for writing assessment generated by the AAC&U, as well as train faculty on their use.                                     |
| 2013-     | <i>Kenyon College Center for Innovative Pedagogy, Gambier, OH</i><br>Worked on a number of projects relating to assessment of teaching methods and program evaluation of different campus-wide pedagogy-related teaching interventions. |
| 2013      | <i>Google, Mountain View, CA</i><br>Worked as a temporary analyst assisting on data transformation, analysis, and interpretation.                                                                                                       |
| 2011-2012 | <i>Manneken-Brussel Imports, Austin, TX</i><br>Consulted with marketing department to develop, administer, analyze, and report on customer survey to inform future strategy in U.S. markets.                                            |

- 2010-2012 *MSU Summer Research Opportunity Program, East Lansing, MI*  
 Worked with Summer Research Opportunity organizers and other Center for Statistical Consulting staff to organize a week-long statistical workshop for undergraduates for three summers. Served as a teaching assistant during workshops, providing guidance and direction for undergraduates.  
 (Meier, K., Silver, B., Coleman, M. & Curran, P.)
- 2007-2011 *Telamon Corporation, Lansing, MI*  
 Evaluated and modified a survey about vitamin distributions in migrant worker camps under a grant in collaboration with administrators. Analyzed and reported results over three seasonal data collections..  
 (Curran, P.G. & Kuljanin, G.)
- 2007 *Telamon Corporation, Lansing, MI*  
 Analyzed existing recruitment, selection, and retainment strategies to redesign the hiring process, heightening focus and efficiency.  
 (Curran, P., Kuljanin, G., & Wang, H.)
- 2007 *Kalamazoo County Sheriff's Department, Kalamazoo, MI*  
 Built and administered a custom selection system and assessment center to select for a high ranking civilian administrative position..  
 (Curran, P., Grand, J. & Ryan, A.)
- 2006 *Foote Hospital Systems, Jackson, MI*  
 Collected data from focus groups; used data to develop/present strategic plan.  
 (Ford, J.K., & Curran, P. )
- 2006 *Catholic Diocese of Lansing, Lansing, MI*  
 Helped to develop and facilitate a workshop on collaboration and team-building.  
 (Foster-Fishman, P., Ford, J.K., Sinha, R., & Curran, P.)
- 2005-2006 *Haworth, Inc., Holland, MI*  
 Validated a series of math and reading tests used for personnel selection of warehouse jobs.  
 (Curran, P., Pachulicz, S., Schmitt, N. )

### **Inquire for References**