

## 2010-2011 Research Methodology Focus Area Report

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Department of Psychology, University of Rhode Island  
Lisa Harlow, Director; Sunny Duerr, Student Representative

Presented at Psychology Department Meeting: May 2, 2011

**I. Preview Summary:** 12 faculty members and 22 students are listed for this year-end summary (Several more faculty and students may also be members). Contributions included: 18 awards-honors, 27 grants submitted or funded, 49 published or in-press articles, 52 presentations and 14 attended conferences/workshops, 28 sections of 24 courses taught, 6 TA positions, 5 guest lectures given, 24 theses or dissertations mentored by faculty, and 8 proposed or defended by graduate students; and 67 other methodological contributions made by 13 different individuals. Relevant listings may occur in more than 1 focus area report so they may not be independent.

### II. Overview Table of Contents for Report

- A. Names, Program Affiliation, and Other Focus Areas in which Focus members participate
- B. 18 Awards or Honors received in the last academic year
- C. 27 Grants submitted/funded in the last academic year
- D. 49 Publications in the last academic year
- E. 52 Conference, Colloquia, or Workshops presented or conducted, and 14 attended in last academic year
- F. 28 sections of 24 Research/Methodology related courses taught in the last academic year; and 6 TA positions
- G. 5 Guest lectures given (here and elsewhere) in the last academic year
- H. 24 Theses/dissertations mentored, and 8 proposed/defended in the last academic year
- I. 67 Other contributions relevant to Research Methodology from 13 different individuals during the last academic year

#### **A. Names, Program Affiliation, and Other Focus Areas in which Focus members participate**

**12 Faculty (list carried over from last year; some may not have provided input yet this year):**

1. Boatright, Su L.: Behavioral Science, also in Multicultural Focus Area
2. Cohen, Jerry: Behavioral Science
3. Harlow, Lisa L.: Behavioral Science, also in Health and Multicultural Focus Areas
4. Kajiji, Nina: Computer Science and Statistics Department

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5. Laforge, Bob: Behavioral Science, also in Health Focus Area
6. Paiva, Andrea: Behavioral Science Adjunct Faculty, also in Health Focus Area
7. Rossi, Joe: Behavioral Science, also in Health Focus Area
8. Stevenson, John: Behavioral Science, also in Health Focus Area
9. Velicer, Wayne: Behavioral Science, also in Health Focus Area
10. Walls, Theodore: Behavioral Science, also in Health and Developmental Focus Areas
11. Willis, W. Grant: School Psychology, also in Neuropsychology Focus Area
12. Wood, Mark: Behavioral Science, also in Health Focus Area

### ***22 Students (list carried over from last year; some may not have provided input yet this year):***

1. Aube, Daniella: Behavioral Science, also in Multicultural Focus Area
2. Babbín, Steven: Behavioral Science, also in Health Focus Area
3. Blaney, Cerissa: Clinical, also in Health Focus Area
4. Brick, Leslie Ann D.: Behavioral Science
5. Cook, Nathan: Clinical, also in Multicultural Focus Area
6. Duerr, Sunny R., M.S.: Behavioral Science
7. Fairlie, Anne M.: Behavioral Science, also in Health Focus Area
8. Favasuli, Stephen: Behavioral Science
9. Fernandez, Anne: Clinical, also in Health Focus Area
10. Harrington, Magdalena: Behavioral Science, also in Health Focus Area
11. Howes, Sarah E.: Behavioral Science
12. Kobayashi, Hisanori: Behavioral Science, also in Health Focus Areas
13. Martin, Scott D.: Behavioral Science, also in Health Focus Area
14. McGee, Heather: Behavioral Science, also in Health Focus Area
15. Meyer, Joseph: Clinical
16. Palumbo, Richard: Behavioral Science
17. Roberts, Cynthia: Behavioral Science, also in Multicultural Focus Area
18. Santiago-Rivas, Marimer: Behavioral Science, also in Health Focus Area
19. Sillice, Marie: Clinical, also Multicultural Focus Area
20. Villegas, David: Behavioral Science
21. Yin, Hui-Qing: Behavioral Science, also in Health Focus Area
22. Youssef, Rouba: Behavioral Science, also in Health Focus Area

### **B. 18 Awards or Honors received in the last academic year**

1. **Babbín, Steve:** Hope & Heritage Award (\$300, April 2011)
2. **Boatright, Su:** Who's Who in Social Sciences in Higher Education (2010)
3. **Duerr, Sunny:** Outstanding Faculty or Staff Award (University of Northern Colorado, May 2010)
4. **Duerr, Sunny:** Exceptional Accommodation of People with Disabilities Award (University of Northern Colorado, May 2010)
5. **Duerr, Sunny:** Academic Excellence Award (University of Northern Colorado, May 2010)
6. **Duerr, Sunny:** URI Beaupre Hope and Heritage Award, travel to AERA annual meeting, April 2011
7. **Fairlie, Anne:** Graduate Fellowship, University of Rhode Island
8. **Fairlie, Anne:** Beaupre Hope and Heritage Award, travel to RSA annual meeting, URI

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9. **Harlow, L. L.**, 2010: Mentoring-Advising Award, Department of Psychology, University of Rhode Island
10. **Harlow, L. L.**, 2010 - 2011: President for Society of Multivariate Experimental Psychology
11. **Howes, Sarah E.**: URI Tuition Scholarship, 2010-2011
12. **Howes, Sarah E.**: Hope and Heritage Scholarship
13. **Meyer, Joseph**: Full tuition waiver, University of Rhode Island
14. **Rossi, Joseph S.**: Highest Impact Papers, *Health Psychology*, 1993–2003: three of the most cited papers, including the top two cited papers appearing in *Health Psychology* from 1993–2003; cited in Frosch et al. (2010). Assessing the scholarly impact of Health Psychology: A citation analysis of articles published from 1993–2003. *Health Psychology*, 29, 555–562.
15. **Rossi, Joseph S.**: Most Cited Paper, *Preventive Medicine*, 2005–2010: Prochaska, Velicer, Redding, Rossi, et al. (2005). Stage-based expert systems to guide a population of primary care patients to quit smoking, eat healthier, prevent skin cancer, and receive regular mammograms. *Preventive Medicine*, 41, 406–416.
16. **Rossi, Joseph S.**: ISI Highly Cited Researcher: Continued listing since 2006 as one of the most highly cited researchers in the world in the fields of Psychology/Psychiatry by Thomson Reuters and the Institute for scientific Information (<http://isihighlycited.com/>).
17. **Silice, Marie**: SPR Minority Travel Award
18. **Silice, Marie**: Hope & Heritage Award

### C. 27 Grants submitted/funded in the last academic year

1. **Fairlie, Anne**: Grant funded: F31AA020164-01, Start Date: January 2011. Predoctoral Ruth L. Kirschstein National Research Service Award (NRSA) from National Institute on Alcohol Abuse and Alcoholism (NIAAA); Project title: “Measurement timing in growth mixture modeling of alcohol trajectories”
2. **Harlow, L. L.**, 2010-2011: Consultant on \$175,000 NSF grant (#0942246) on “An inquiry-based, supportive approach to statistical reasoning and application” (PI: L. Dierker)
3. **Harlow, L. L.**, 2010: PI of \$3,000 from the American Psychological Association for Quantitative Training for Underrepresented Groups
4. **Harlow, L. L.**, 2010: Co-PI on \$10,000 from the Society of Multivariate Experimental Psychology for Quantitative Training Conference
5. **Harlow, L. L.**, 2010: PI on \$1,500 Faculty Development, University of Rhode Island (Psy, A&S, Provost) for International Conferences
6. **Harlow, L. L.**, 2007-2011: PI on \$273,361 grant funded by NSF for Quantitative Training for Underrepresented Groups
7. **Laforge, R. G.** 2006-2011 PI: on \$750,000 Subcontract to Boston University for NHLBI funded R01HL081380-03, “Improving Diet Behavior through Tailored Messages”. R. Friedman, (PI.)
8. **Laforge, RG**, 2008-2012. Co-Investigator, Optimal TTM Tailoring for Population Smoking Cessation. National Institute of Drug Abuse. Funded: \$2,574,976, C Redding (PI)
9. **Laforge, RG**, 2007-2012. Co-Investigator, Online Tailored Interventions and Relational Agents for Exercise and Sun Protection R01 CA119195, W. Velicer (PI) NCI
10. **Paiva, Andrea L.**: Reducing Cancer Disparities between Blacks & Whites via HPV vaccination (Submitted to ACS—April 5, 2011)

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11. **Rossi, Joseph S.:** Co-Investigator, *Effects of Vyvanse® on the Behavioral, Academic, and Psychosocial Functioning of College Students with ADHD* (2009–2011). Shire Pharmaceutical. Funded: \$375,000.
12. **Rossi, Joseph S.:** Co-Investigator, *Optimal TTM Tailoring for Population Smoking Cessation* (2008–2012). National Institute of Drug Abuse. Funded: \$2,574,976.
13. **Rossi, Joseph S.:** Co-Investigator, *Protective Effects of Delayed Cord Clamping on Very Low Birth Weight Infants* (2008–2013). National Institute of Nursing Research. Funded: \$1,500,000.
14. **Rossi, Joseph S.:** Co-Investigator, *Online Tailored Interventions and Relational Agents for Exercise and Sun Protection* (2007–2012). National Cancer Institute. Funded: \$3,643,396.
15. **Rossi, Joseph S.:** Co-Investigator, *Tailored Interventions to Prevent Substance Abuse* (2006–2011). National Institute on Drug Abuse. Funded: \$3,385,401.
16. **Stevenson, John F.:** Sep. 20, 2010: IRB approval and initiation of data collection for “Evaluation of the Jail diversion and Trauma Recovery Project with Priority for Veterans” J Stevenson, PI, P Florin, Co-PI.
17. **Wayne F. Velicer,** Optimal TTM Tailoring for Population Smoking Cessation (Project STAR) (1R01DA023191-01A1). National Institute of Drug Abuse. PI- CA Redding. Total amount: \$3,500,000. Period: 2/5/2008–1/31/2012.
18. **Wayne F. Velicer,** Comparing Population Cessation Services with Emphasis on Unmotivated Smokers (1R01DA022291-01A2). PI: JO Prochaska. NIDA. Total Amount: 2,500,000+. Period: Project Period: 01/15/2009 – 12/31/2012.
19. **Wayne F. Velicer,** Online Tailored Interventions & Relational Agents for Exercise and Sun Protection (Supplements to Promote Diversity) (3R01CA119195-03S1). PI: Wayne F Velicer. NCI. Amount: 165,000+. Project Period: 08/01/2007 – 07/31/2012
20. **Wayne F. Velicer,** Optimal TTM Tailoring for Population Smoking Cessation (Project STAR) (1R01DA023191-01A1). National Institute of Drug Abuse. PI- CA Redding. Total amount: \$3,500,000. Period: 2/5/2008–1/31/2012.
21. **Wayne F. Velicer,** Online Tailored Interventions & Relational Agents for Exercise and Sun Protection (Project RAISE) (1R01CA119195-01A2). PI: WF Velicer. NCI. Total Amount: \$3,500,000+. Period: 8/1/07-7/31/12.
22. **Wayne F. Velicer,** Tailored Interventions to Prevent Substance Abuse (Project BEST) (1R01DA020112-01A). PI: WF Velicer. NIDA. Total amount: \$3,500,000+. Period: 7/1/06-6/30/11.
23. **Wayne F. Velicer,** Dynamical Models for Intensive Longitudinal Studies of Smoking Behavior. American Cancer Society Mentored Research Award. Recipient: Ted Walls; Mentor: Wayne Velicer. \$400,000+. 1/1/2007-12/31/2011.
24. **Mark Wood:** “Message frame effects on on-line alcohol screening and early college drinking” (M.D. Wood, P.I.). National Institute on Alcohol Abuse and Alcoholism, July 11 – June 13, \$422,415 (total costs)
25. **Mark Wood:** “Integrated Alcohol and Sexual Assault Intervention for College Men” (L.M. Orchowski, P.I., M.D. Wood, Co-I). National Institute on Alcohol Abuse and Alcoholism, Sep 11 – Aug 14, \$668,992 (total costs). URI Subcontract \$81, 680 (total costs)
26. **Mark Wood:** “Measurement Timing in Growth Mixture Modeling of Alcohol Trajectories” (A.M. Fairlie, P.I., Wood, M.D., Co-Sponsor). National Institute on Alcohol Abuse and Alcoholism, Dec, 11 – Nov – 2012), \$74,820 (total costs).

27. **Mark Wood:** “Assessment of Older Driver Performance Under Low Level Alcohol Impairment” (M. Sodhi, P.I., M.D. Wood, Co-P.I.). New England UTC, Sep 09 – Aug. 11, \$205,695 (total costs)

### D. 49 Publications in the last academic year

1. **Babbin, S. F., Harrington, M.,** Burditt, C., Redding, C., **Paiva, A.,** Meier, K., Oatley, K., McGee, H., & **Velicer, W. F.** (2011). Prevention of alcohol use in middle school students: Psychometric assessment of the decisional balance inventory. *Addictive Behaviors, 36*, 543-546.
2. **Blaney, C.L.,** Robbins, M.L., **Paiva, A.L.,** Redding, C.A., **Rossi, J.S.,** Blissmer, B., Burditt, C., & Oatley, K. (in press). Validation of the measures of the transtheoretical model for exercise in an adult African American sample. *American Journal of Health Promotion.*
3. Blissmer, B., Prochaska, J.O., **Velicer, W.F.,** Redding, C.A., **Rossi, J.S.,** Greene, G.W., **Paiva, A.,** & Robbins, M. (2010). Common Factors Predicting Long-Term Changes in Multiple Health Behaviors. *Journal of Health Psychology, 15*(2), 205–214. PMID: PMC20207664
4. **Boatright-Horowitz, S. L.** (2010). Useful pedagogies or financial hardship?: Interactive response technology (“clickers”) in the large college classroom. *International Journal of Teaching and Learning in Higher Education, 21*(3), 295 – 298.
5. **Boatright, S. L.** (2010). Compression-caused peroneal neuropathy: Commentary from a biopsychologist. *Southern Medical Journal, 103*(1), 66-71.
6. **Brick, L.A.,** D. Echeverria, M.A. Brick, and H.J. Thompson. (2011). Dietary Fiber Content of Dry Edible Beans Based on the 2009.01 CODEX Method. *Annual Report Bean Improvement Coop., 54*, 4-5.
7. Didie ER, Loerke E, **Howes SE,** Phillips KA. (In press). Interpersonal problems and history of childhood abuse and neglect in body dysmorphic disorder. *Journal of Personality Disorders.*
8. Dash, Jr., Gordon H., **Kajiji, N.,** and Forman, J. Stochastic multicriteria decision analytics and artificial intelligence in continuous automated trading for wealth maximization, In: *Proceedings of 24<sup>th</sup> Mini Euro Conference on Continuous Optimization and Information-Based Technologies in the Financial Sector*, Izmir, Turkey, June 23-26, 2010. See full publication at: [http://www.vgtu.lt/leidiniai/leidykla/MEC\\_EurOPT\\_2010/010/0001.html](http://www.vgtu.lt/leidiniai/leidykla/MEC_EurOPT_2010/010/0001.html)
9. Dash, Jr., Gordon H., and **Kajiji, Nina,** *Applied Risk Management: Fundamentals of Derivatives and Automated Trading*, 2010, The NKD Group, Inc. Delaware, 2010, Ebook: [www.armdat.com](http://www.armdat.com)
10. **Fairlie, A. M.,** DeJong, W., **Stevenson, J. F.,** Lavigne, A. M., & **Wood, M. D.** (2010). Fraternity and sorority leaders and members: A comparison of alcohol use, attitudes, and policy awareness. *The American Journal of Drug and Alcohol Abuse, 36*, 187-193. doi:10.3109/00952990.2010.491878
11. **Fairlie, A. M., Wood, M. D.,** & Laird, R. (in press). Prospective protective effect of parents on peer influences and college alcohol involvement. *Psychology of Addictive Behaviors.*
12. **Fairlie, A. M.,** Quinlan, K. J., DeJong, W., **Wood, M. D.,** Lawson, D., & Witt, C. F. (2010) Sociodemographic, behavioral, and cognitive predictors of alcohol-impaired driving in a sample of US college students. *Journal of Health Communication, 15*, 218- 232.

13. **Fernandez, A.C., Wood, M.D., Stein, L.A.R., & Rossi, J.S.** (2010). Measuring mindfulness and examining its relationship with alcohol use and negative consequences. *Psychology of Addictive Behaviors*, 24, 608–616.
14. **Fernandez, A. C., Wood, M. D., Laforge, R. & Black, J. T.** (2011). Randomized trials of alcohol-use interventions with college students and their parents: Lessons from the Transitions Project. *Clin Trials* 2011 8: 205 2011.
15. Fried TR, Redding CA, Robbins ML, **Paiva A**, O’Leary JR, Iannone L. (2010). Stages of change for the component behaviors of Advance Care Planning. *Journal of the American Geriatrics Society*, 58 (12), 2329–2336.
16. Gorman, K., Kondo, K., & Favasuli, S. (in press). Does Acculturation Matter? Food Insecurity and Child Problem Behavior among Low-Income, Working Hispanic Households. *Hispanic Journal of Behavioral Sciences*.
17. Goodwin, MS, Intille, SS, Albinali, F, **Velicer, WF.** (in press). Automated Detection of Stereotypical Motor Movements. *Journal of Autism and Developmental Disorders*.
18. Goodwin, MS, Intille, SA, Albinali, F, & **Velicer, WF.** (in press). Automated Detection of Stereotypical Motor Movements. *Journal of Autism & Developmental Disorders*.
19. **Harlow, L. L.** (in press). Teaching quantitative methods. In Todd Little (Editor), *Oxford Handbook of Quantitative Methods*, Cary, NC: Oxford University Press.
20. **Harlow, L. L., Stamm, K. E., Santiago, M., Silver, B., & Mederer, H., Boudreaux-Bartels, G. F., Peckham, J., Wishner, K. Swift, J., & Prochaska, J.** (accepted for publication). Work environment and satisfaction at a mid-sized Northeast US university. Chapter in a book from the 3<sup>rd</sup> & 4<sup>th</sup> International Conferences on Psychology, Athens, Greece.
21. **Harlow, L. L.** (2010). Multivariate methods. In Irving Weiner and Edward Craighead (Editors), *Corsini Encyclopedia of Psychology* (4<sup>th</sup> edition), Volume 3 (pp. 1041-1044). New York, NY: John Wiley and Sons.
22. **Harrington, M., Babbitt, S. F., Redding, C., Burditt, C., Paiva, A., Meier, K., Oatley, K., McGee, H., & Velicer, W. F.** (2011). Psychometric assessment of the temptations to try alcohol scale. *Addictive Behaviors*, 36, 431-433.
23. Hoepfner, B., Redding, C.A., **Rossi, J.S.**, Pallonen, U.E., Prochaska, J.O., & **Velicer, W.F.** (in press). Factor structure of decisional balance and temptations scales for smoking: Cross-validation in urban female African-American adolescents. *International Journal of Behavioral Medicine*.
24. **Kajji, Nina**, Dash Jr., Gordon H., and Krieger, Elliot. *Integration of artificial intelligence and rough set methodology to engineer a predictive school classification system*, William A. Orme Working Paper Series, College of Business Administration, University of Rhode Island, Kingston, RI, Working Paper No: 1, 2010 Series. <http://www.cba.uri.edu/research/workingpapers/default.html>
25. Krebs, P., Prochaska, J.O., & **Rossi, J.S.** (2010). A meta-analysis of computer-tailored interventions for health behavior change. *Preventive Medicine*, 51, 214–221.
26. Mauriello, L. M., Ciavatta, M. M., **Paiva, A. L., Sherman, K. J., Castle, P. H., Johnson, J. L., Prochaska, J. M.** (2010). Results of a Multi-Media Multiple Behavior Obesity Prevention Program for Adolescents. *Preventive Medicine*, 51(6), 451-6.
27. Midlarsky, E.A., Nemeroff, R., & **Meyer, J.F.** (2010). Relationships among social support, perceived control, and psychological distress in late life. *The International Journal of Aging and Human Development*, 71(1), 69–82.

28. Prochaska, JJ, Nigg, CR, Spring, B, **Velicer**, WF, & Prochaska, JO. (2010). The benefits and challenges of multiple health behavior change in research and in practice. *Preventive Medicine*, 50(1-2), 26-29.
29. Redding CA, Prochaska JO, **Paiva A**, **Rossi JS**, **Velicer WF**, Blissmer B, Greene GW, Robbins M, & Sun, X. (in press). Baseline Stage, Severity and Effort Effects Differentiate Stable Smokers from Maintainers and Relapsers. *Substance Use & Misuse*.
30. Redding, C.A., Brown-Peterside, P., Noar, S.M., **Rossi, J.S.**, & Koblin, B.A. (2011). One session of TTM-tailored condom use feedback: A pilot study among at-risk women in the Bronx. *AIDS Care*, 23, 10–15.
31. Rosellini, A.J., Lawrence, A.E., **Meyer, J.F.**, & Brown, T.A. (2010). The effects of extraverted temperament on agoraphobia in panic disorder. *Journal of Abnormal Psychology*, 119, 420–426.
32. **Rossi, J.S.** (2011). Statistics in psychology. In M. Lovric (Ed.), *International Handbook of Statistical Sciences* (pp. 1139–1142). Springer.
33. **Rossi, J.S.** (2010). Chi-square test. In I.B. Weiner & W.E. Craighead (Eds.), *The Corsini encyclopedia of psychology: Vol. 1* (4<sup>th</sup> ed., pp. 310–311). Hoboken, NJ: Wiley.
34. **Rossi, J.S.** (2010). Confidence interval. In I.B. Weiner & W.E. Craighead (Eds.), *The Corsini encyclopedia of psychology: Vol. 1* (4<sup>th</sup> ed., pp. 387–388). Hoboken, NJ: Wiley.
35. **Rossi, J.S.** (2010). Parametric statistical tests. In I.B. Weiner & W.E. Craighead (Eds.), *The Corsini encyclopedia of psychology: Vol. 3* (4<sup>th</sup> ed., pp. 1151–1152). Hoboken, NJ: Wiley.
36. **Rossi, J.S.** (2010). Probability. In I.B. Weiner & W.E. Craighead (Eds.), *The Corsini encyclopedia of psychology: Vol. 3* (4<sup>th</sup> ed., pp. 1292–1293). Hoboken, NJ: Wiley.
37. **Rossi, J.S.**, & Merenda, P.F. (2010). Small-sample statistics. In I.B. Weiner & W.E. Craighead (Eds.), *The Corsini encyclopedia of psychology: Vol. 4* (4<sup>th</sup> ed., pp. 1614–1616). Hoboken, NJ: Wiley.
38. **Rossi, J.S.**, & Merenda, P.F. (2010). Variables in research. In I.B. Weiner & W.E. Craighead (Eds.), *The Corsini encyclopedia of psychology: Vol. 4* (4<sup>th</sup> ed., pp. 1828–1830). Hoboken, NJ: Wiley.
39. **Santiago-Rivas, M**, **Velicer, WF**, Redding, CA, Prochaska, JO, **Paiva, AL**. (2010). Cluster Subtypes within the Preparation Stage of Change for Sun Protection Behavior. *Applied Psychology: Health and Well Being*, 2, 89-104.
40. Stein, L.A.R., Clair, M., Lebeau, R., Prochaska, J.O., **Rossi, J. S.**, & Swift, J. (in press). Facilitating grant proposal-writing in health behaviors for university faculty: A descriptive study. *Health Promotion Practice*.
41. Stein, L.A.R., Lebeau, R., Clair, M., **Rossi, J.S.**, Martin, R.M., & Golembeske, C. (2010). Validation of a measure to assess alcohol- and marijuana-related risks and consequences among incarcerated adolescents. *Drug and Alcohol Dependence*, 109, 104–113.
42. **Velicer**, WF & Oldenburg, B. (2010). Developing multiple risk factor interventions. *Annals of Behavioral Medicine*, 39, S114. (Abstract)
43. **Velicer**, WF, Redding, C, **Paiva, A**, **Harrington, M**, Burditt, C, Oatley, K, & Meier, K. (2010). Replicating Prevention Subgroups for Alcohol and Smoking across Samples and Behaviors. *Annals of Behavioral Medicine*, 39, S106. (Abstract)
44. **Velicer**, WF, Goodwin, M, & Hoepfner, B. (2010). Time-Series Study. In Neil J. Salkind, (Ed) *Encyclopedia of Research Design*, Thousand Oaks, CA: Sage Publications (pp. 1519-1528).

45. **Velicer, WF.** (2010). Applying Idiographic Research Methods: Two Examples. In C. Reading (Ed.), *Data and context in statistics education: Towards an evidence-based society. Proceedings of the Eighth International Conference on Teaching Statistics (ICOTS8, July, 2010), Ljubljana, Slovenia.* Voorburg, The Netherlands: International Statistical Institute.
46. **Velicer, WF, Hoepfner, BB, Goodwin, MS, & Molenaar, P.** (in press). *Single case analysis for behavioral science research: Time series and dynamic factor analysis.* New York: Taylor & Francis. (A volume in the Multivariate Applications series).
47. Vincent, G. M., Chapman, J. C., & **Cook, N. E.** (2011). Risk/Needs assessment in juvenile justice: Predictive validity of the SAVRY, racial differences, and the contribution of needs factors. *Criminal Justice and Behavior, 38,* 42-62.
48. Waterman AD, Robbins ML, **Paiva AL,** & Hyland SS. (2010). Kidney patients' intention to receive a deceased donor transplant: development of stage of change, decisional balance and self-efficacy measures. *Journal of Health Psychology, 15(3),* 436-45. PMID: PMC20348364
49. **Wood, M. D., Fairlie, A. M.,** Fernandez, A.C., Borsari, B., Capone, C., **Laforge, R.G.,** & Carmona-Barros, R. (2010). Brief motivational and parent Interventions for college students: A randomized factorial study. *Journal of Consulting and Clinical Psychology, 78,* 349 - 361.

### **E. 52 Conferences, Colloquia, or Workshops presented or conducted and 14 attended in last academic year**

1. **Aube, D.M.,** Baron, M.G. & Goodwin, M.S. (2010). *Heart rate as a measure of arousal in ASD: Implications for functional behavior analysis.* Poster presented at 2010 Berkshire Association for Behavior Analysis and Therapy Conference, Amherst, MA, October 14, 2010.
2. **Babbin, S. F.,** Redding, C., **Paiva, A.,** Meier, K., Oatley, K., McGee, H., & **Velicer, W.** (2011, April). *Prevention of alcohol use in middle school students: Psychometric assessment of the decisional balance inventory.* Poster presented at the annual meeting of the Society of Behavioral Medicine, Washington, D. C.
3. **Babbin, S. F., Velicer, W.,** Aloia, M., Kushida, C., & Berry, R. (2011, April). *Time series analysis of adherence to treatment for obstructive sleep apnea.* Poster presented at the annual meeting of the Society of Behavioral Medicine, Washington, D.C.
4. **Baker, A. M., & Cook, N. E.** (2011, February). *Impact of non-diagnostic information in assessment: Identification and corrective procedures.* Poster presented at the meeting of the International Neuropsychological Society, Boston, MA.
5. **Barese, T. H., Cook, N. E., & DiCataldo, F.** (2011, March). *Checking up on the "Fledgling Psychopath": Can PCL:YV Scores Predict Adult Offending Among High Risk Youth?* Presented at the 4<sup>th</sup> International Congress on Psychology and Law, Miami, FL.
6. Berger, D.S., Goodwin, M.S., **Aube, D.M.,** Lane, E. & Croley, B. (2011). *Tempo-based treatment for inducing rhythmic entrainment, systemic pacing, & redirection of repetitive behaviors for children on the autism spectrum.* Poster presented at 2011 New York Academy of Sciences Conference, New York, NY.
7. **Blaney, C.L.,** Redding, C., **Rossi, J.S.,** Prochaska, J.O., **Velicer, W.F.,** Armstrong, K.A., & Coviello, D. (2011, April). *Stages & processes of change for smoking cessation in urban female adolescents.* *Discovery@URI: Big Ideas Take Shape, University of Rhode Island, Kingston, RI.*

8. **Blaney, C.L., Redding, C., Rossi, J.S., Prochaska, J.O., Velicer, W.F., Armstrong, K.A., & Coviello, D.** (2010, June). *Stages & processes of change for smoking cessation in urban female adolescents. Paper presented at the Society for Prevention Research 18<sup>th</sup> Annual Meeting, Denver, CO.*
9. **Boatright-Horowitz, S. L. & Frazier, S.** (2010). *College student agreement with specific items in Peggy McIntosh's (1988) list of White Privileges: A technique for changing student attitudes about societal racism.*
10. **Cook, N. E., Clayfield, J. C., Grudzinskas, A. J., & Fletcher, K. E.** (2011, March). *Measuring police attitudes toward persons with mental illness to inform first responder training: Validation of the Mental Health Attitude Survey for Police (MHASP). Paper presented at the 4th International Congress on Psychology and Law (joint meeting of the American Psychology Law Society, European Association of Psychology and Law, and the Australian and New Zealand Association of Psychiatry, Psychology and Law), Miami, FL.*
11. **Cook, N. E., Fusco, S. L., Guy, L. S., & Vincent, G., M.** (2011, March). *Decision making and use of risk/needs assessment tools in juvenile probation. In G. M. Vincent (Chair), Use of the SAVRY and YLS/CMI in juvenile probation: Implementation study. Symposium presented at the 4<sup>th</sup> International Congress on Psychology and Law, Miami, FL.*
12. **Cook, N. E., Vincent, G. M., & Chapman, J. C.** (2011, March). *Predictive validity of the SAVRY with female juvenile offenders: Is risk assessment gendered? Poster presented at the meeting of the 4<sup>th</sup> International Congress on Psychology and Law, Miami, FL.*
13. **Cook, N. E., & Baker, A. M.** (2011, February). *Structured data collection of culturally relevant risk factors in refugees: A case example of Somali Bantus. Poster presented at the meeting of the International Neuropsychological Society, Boston, MA.*
14. **Creeden, C., Robbins, M., Paiva, A., Redding, C., Rossi, J.S., Blissmer, B., Burditt, C., & Oatley, K.** (2011, April). *Validation of the TTM decisional balance and self-efficacy measures for exercise in an adult African American sample. Discovery@URI: Big Ideas Take Shape, University of Rhode Island, Kingston, RI.*
15. **Dash, Jr., Gordon H., Kajiji, N., and Forman, J.** "Stochastic Multicriteria Decision Analytics and Artificial Intelligence in Continuous Automated Trading for Wealth Maximization," In: *Proceedings of 24<sup>th</sup> Mini Euro Conference on Continuous Optimization and Information-Based Technologies in Financial Sector, Izmir, Turkey, June 23-26, 2010.*
16. **Dash, Jr., Gordon H., Kajiji, N., and Forman, J.** "Optimizing Automated Share Trading Using WinORSe-AI: Cognitive Decision Theory and High Frequency Artificial Neural Networks," In: *Proceedings of 24<sup>th</sup> European Conference on Operational Research, Lisbon, Portugal, July 11-14, 2010. \*INVITED PAPER\**  
<http://www.euro2010lisbon.org/EUROXXIVProgramme.pdf> -- see page 200 (TF21)
17. **Dash, Jr., Gordon H., Kajiji, N., and Forman, J.** "Global Wealth Maximization Using Neuroeconomic Behavioral Drivers and Continuous Automated Trading," In: *Proceeding of the Global Development Finance Conference, Cape Town, South Africa, Nov 24-26, 2010.*
18. **Dash, Jr., Gordon H., Kajiji, N., and Forman, J.** "Neutralizing Systemic Risk to Optimize International Wealth Maximization by Neuroeconomic Automated Trading," *International Conference on Decision Sciences in Managing Global Services (ISDSI 2010), Gurgaon, India, Dec 28-30, 2010.*
19. **Didie E, Howes S, Phillips K, Kelly M, Veale D.** (2010, June). *Development and validation of the Appearance Attitudes Scale in body dysmorphic disorder. Poster presented at annual meeting of the World Congress of Behavioral and Cognitive Therapies, Boston, MA.*

20. **Duerr, S.R.** (2010). *Identifying video game addiction in players of massively multiplayer online role playing games. Poster session presented at the annual conference of the Rocky Mountain Psychological Association, Denver, CO., May, 2010.*
21. **Duerr, Sunny:** *Conference attended: Rocky Mountain Psychological Association annual conference, Denver, CO, May 2010.*
22. **Duerr, Sunny:** *Conference attended: 2011 American Education Research Association annual conference, New Orleans, LA, April 2011.*
23. **Fairlie, A. M., Fernandez, A. C., McGeary, J., & Wood, M. D.** (2010, June). *Do OPRM1 and GABRA2 SNPs moderate the effects of brief motivational or parent-based interventions for college student alcohol involvement? Poster session presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX. June 26 – 30, 2010.*
24. **Fernandez, A. C., Fairlie, A. M., Martin, S., McGeary, J., & Wood, M. D.** (2010, June). *Toward a genetically informed model of drinking for relief of negative affect: A latent growth curve analysis of alcohol problems in emerging adults. Poster session presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX. June 26 – 30, 2010.*
25. **Fidler, F., Harlow, L. L., Cumming, G., & Abbott, J.** (2010, July). *Effect sizes and confidence intervals for multivariate analysis: How complete are published accounts of research in psychology? Presented at 8<sup>th</sup> International Conference on Teaching Statistics, Ljubljana, Slovenia.*
26. **Fusco, S. L., Paiva, M., Perrault, R., Cook, N. E., & Vincent, G. M.** (2011, March). *Probation officer perceptions of gender differences in juvenile offending and implications for practice in the field. Presented at the 4th International Congress on Psychology and Law, Miami, FL.*
27. **Goodwin, M.S., Albinali, F. & Aube, D.M.** (2011). *Comparing stereotypical motor movement pattern recognition performance using mobile phone annotations from experts and non-experts. Poster presented at 2011 International Society for Autism Research Conference, San Diego, CA.*
28. **Guy, L. S., Fusco, S., & Cook, N. E., Vincent, G. M.** (2010, August). *Juvenile probation officers' experiences using risk/needs assessment tools in the field. In E. P. Mulvey & C. A. Shubert (Chairs), Empirically based approaches for improving the juvenile justice system. Symposium at the meeting of the American Psychological Association, San Diego, CA.*
29. **Harlow, L. L., Eber, H. W., Blankson, A. N., & Santiago-Rivas, M.** (2010, October). *Quantitative training for under-represented groups: Update and planning. Presented at 50<sup>th</sup> meeting of the Society of Multivariate Experimental Psychology, Atlanta, GA.*
30. **Harlow, L. L. & Eber, H. W.** (2010, August). *Co-Direct and Organize the annual Quantitative Training for Underrepresented Groups Conference, San Diego University, San Diego, CA.*
31. **Harlow, L.L.** (2010, August). *A survey of multivariate inferential research in major journals. Invited presentation at the 118<sup>th</sup> annual meeting of the American Psychological Association Convention, San Diego, CA.*
32. **Harlow, L. L., Korendijk, E., Hamaker, E., & Hox, J.** (2010, July). *Multivariate statistical inference use in European journals. Presented at the bi-annual meeting of the European Association of Methodology, Potsdam, Germany.*
33. **Harlow, L.L.** (2010, June). *Increasing quantitative interest and participation among underrepresented students. Invited presentation at the Quantitative Analysis Center, Wesleyan University, CT.*

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34. **Howes, S.** (2011, April). *The Sociocultural Model for eating disorder development in athletes. Presented at the International Conference on Eating Disorders, Miami, FL.*
35. **Howes S.** (2011, April). *The Sociocultural Model for eating disorder development in athletes. Presented at the 19<sup>th</sup> Annual Women's Health Congress, Washington, DC.*
36. **Howes S.** (2010, August). *The Sociocultural Model for eating disorder development in athletes. Presented at 118th Annual American Psychological Association Convention, San Diego, CA.*
37. **Howes S, Collyer, C.** (2010, June). *Testing Predictors of the socioculturally based dual pathway model in the development of disordered eating in athletes. Paper presented at the International Conference on Eating Disorders, Salzburg, Austria.*
38. **Kajiji, Nina:** *Chairperson: Session, Environmental Sustainable Finance. 2010 Global Development Finance Conference, Cape Town, South Africa, November 24-26, 2010.*
39. **Kajiji, Nina:** *Chairperson: Session, Artificial Intelligence. 24th Mini Euro Conference on Continuous Optimization and Information-Based Technologies in the Financial Sector, Izmir, Turkey, June 23-26, 2010 .*
40. **Marshall, S., Boatright-Horowitz, S. L., DeAguiar, E.** (2010). *Impact of teaching gender and intersexual issues on college students' awareness, knowledge, and sensitivity to the topic. Discovery @ URI Symposium.*
41. **Paiva, M., Vincent, G. M., & Cook, N. E.** (2011, March). *implementation integrity of risk/needs assessments in juvenile probation: Changes in probation officer practices. In G. M. Vincent (Chair), Use of the SAVRY and YLS/CMI in juvenile probation: Implementation study. Symposium presented at the 4<sup>th</sup> International Congress on Psychology and Law, Miami, FL.*
42. **Rossi, J.S.** (2011, April). *Statistical power characteristics of the intent-to-treat design. Paper presented at the 32<sup>nd</sup> Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.*
43. **Rossi, J.S.** (2011, April). *Theory testing and the null hypothesis significance test paradigm: What would Einstein do? Paper presented at the 32<sup>nd</sup> Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.*
44. **Rossi, J.S.** (2010, October). *Einstein's general theory of relativity: Small, medium, or large effect size? Paper presented at the 50<sup>th</sup> annual meeting of the Society of Multivariate Experimental Psychology, Atlanta, GA.*
45. **Rossi, J.S.** (2010, August). *Sample size issues for Institutional Review Boards. IRB Annual Training Meeting. University of Rhode Island, Kingston, RI.*
46. **Sillice, Marie A., Velicer, Wayne. F., Babbitt, Steve, McGee, Heather, Burditt, Caitlin, Paiva, Andrea L., Redding, Colleen, Oatley, Karin, Meier, Kathryn, & Harrington, Magdalena** (June, 2010). *Exploring Possible Demographic Differences among Adolescents in Decisional Balance and Situational Temptations for Smoking Prevention. Presented at the annual meeting of the Society of Prevention Research, Washington, D.C.*
47. **Stamm, K. E., & Harlow, L. L.** (2010, August). *Science identification in the leaky pipeline of women in science. Presented at the 118th annual meeting of the American Psychological Association, San Diego, CA.*
48. **Stevenson, J.F.** (2010, Nov). *Is critical thinking the all-purpose outcome in higher education? Presented at annual meeting of American Evaluation Association, San Antonio, TX.*
49. **Stevenson, J.F.** (2010, Nov) *Measurement in evaluation: Trustable, feasible, useable.*

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*Presented at annual meeting of American Evaluation Association, San Antonio, TX.*

50. **Stevenson, J.F.** (2010, Nov) Teaching “qual” inside a “quant” world. Presented at annual meeting of American Evaluation Association, San Antonio, TX.
51. **Vincent, G. M., Paiva, M., & Cook, N. E.** (2010, August). Implementation of risk/needs assessments in juvenile probation: Changes in probation officer recommendations. In E. P. Mulvey & C. A. Shubert (Chairs), *Empirically based approaches for improving the juvenile justice system. Symposium conducted at the meeting of the American Psychological Association, San Diego, CA.*
52. **Vincent, G. M., Guy, L. S., Cook, N. E., & Gershenson, B.** (2011, March). *The Impact of Implementing Risk/Needs Assessment on Juvenile Case Processing. In G. M. Vincent (Chair), Use of the SAVRY and YLS/CMI in juvenile probation: Implementation study. Symposium to be presented at the meeting of the 4<sup>th</sup> International Congress on Psychology and Law, Miami, FL.*

### **14 Conferences/Workshops/Colloquia Attended**

1. **Babbin, Steve:** Workshop attended: “Statistical Mediation Analysis,” MacKinnon, David P., November 4-5, 2010, Kingston, RI.
2. **Babbin, Steve:** URI Department of Psychology 50<sup>th</sup> anniversary Colloquia.
3. **Boatright, Su:** Best Practices in Advising Workshop for URI University College, presented by Professor Penelope Steen, Kinesiology.
4. **Brick, Leslie:** Workshop attended: “Statistical Mediation Analysis,” MacKinnon, David P., November 4-5, 2010, Kingston, RI.
5. **Fairlie, Anne:** Post-Doctoral Grant Writing Seminar, Brown University Center for Alcohol and Addiction Studies
6. **Fairlie, Anne:** Workshop attended: “Statistical Mediation Analysis,” MacKinnon, David P., November 4-5, 2010, Kingston, RI.
7. **Harlow, L.L.** (2011, January). Participant at 3rd Annual Academic Summit-Engaging Students in Learning with Technology, University of Rhode Island.
8. **Harlow, L. L.** Workshop attended: “Statistical Mediation Analysis,” MacKinnon, David P., November 4-5, 2010, Kingston, RI.
9. **Kajiji, Nina:** Colloquium Attended: Boston Chapter American Statistical Association Colloquia, March 29, 2011, Emmanuel College, Boston, MA. Topic: Applying Survival Analysis to Forecasting Subscriber Levels
10. **Kajiji, Nina:** Conference attended: 9th Annual American Statistical Association Connecticut Chapter Mini Conference, March 8, 2011, R&D Symposium, Boehringer Ingelheim, CT. Topic: Analysis of Time-to-Event Data.
11. **Paiva, A.L.:** Society of Behavioral Medicine
12. **Paiva, A.L.:** Society of Prevention Research
13. **Rossi, J. S.:** Workshop attended: “Statistical Mediation Analysis,” MacKinnon, David P., November 4-5, 2010, Kingston, RI.
14. **Yin, Hui-Qing:** Workshop attended: “Statistical Mediation Analysis,” MacKinnon, David P., November 4-5, 2010, Kingston, RI.

**F. 28 Research Methods related sections (of 24 different courses) taught in the last academic year; and 5 TA positions (some volunteered for only credit, not pay)**

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### 24 Different Research Methods Based Courses Taught (for total of 28 sections)

1. BUS492: Stochastic Calculus for Computational Finance – Nina Kajiji (New course development)
2. CEP534: Quantitative Methods (Rhode Island College) – Sarah Howes
3. CEP554: Applied Research (Rhode Island College) – Sarah Howes
4. PSY300: Quantitative Methods in Psychology – Sarah Howes
5. PSY300H: Honors Quantitative Methods in Psychology – Lisa Harlow (1<sup>st</sup> time taught: uses Carnegie Mellon Open Learning Initiative Online materials on Statistical Reasoning, with hands-on research groups using SPSS and National Epidemiologic Survey on Alcohol and Related Conditions data, N=43,093)
6. PSY301: Experimental Psychology – Beth Dimond, Karen Stamm, Andrea Paiva
7. PSY 335: Psychology of Social Behavior – Jerry Cohen
8. PSY470: Advanced Social Psychology Research – Jerry Cohen
9. PSY489: Undergraduate Student Posters for 2010 Undergraduate Psychology Award Ceremony – Su Boatright, Andrea Paiva
10. PSY (STA) 517: Small N Designs – Wayne Velicer
11. PSY532: Experimental Design – Bob Laforge, Joe Rossi
12. PSY533: Advanced (Multivariate) Methodology – Lisa Harlow
13. PSY 606 – Social Psychology – Mark Wood
14. PSY 610 – Parsimony Methods – Wayne Velicer
15. PSY611: Methods – Joe Rossi
16. PSY612: Structural Equation Modeling – Lisa Harlow
17. PSY614: Evaluation Research Seminar – John Stevenson
18. PSY690: Statistical Power Analysis – Joe Rossi
19. PSY690/STA502: Applied Linear Regression Analysis – Bob Laforge
20. PSY690: Developmental Methods – Theodore Walls
21. STA308: Introductory Statistics – Nina Kajiji
22. STA532: Longitudinal Methods – Theodore Walls
23. STA535: Statistical Methods for Clinical Trials – Bob Laforge
24. Foundations of Psychological Research (at Rhode Island College) – Marimer Santiago-Rivas

### 6 TA Positions in Research Methods courses

1. PSY300: Quantitative Methods in Psychology – Hisanori Kobayashi (TA)
2. PSY300: Quantitative Methods in Psychology – 2 sections: Steve Favasuli (TA)
3. PSY300H: Honors Quantitative Methods in Psychology – Leslie Brick (TA)
4. PSY533: Advanced (Multivariate) Methodology – Hisanori Kobayashi (TA)
5. PSY612: Structural Equation Modeling – Sarah Howes (TA)
6. PSY690/STA502: Applied Linear Regression Analysis – Sunny Duerr (TA)

### G. 5 Guest lectures given (here and elsewhere) in the last academic year

1. **Duerr, S.R.** (2010). *Identifying Video Game Addiction: An Application of the Rasch Model*. Invited lecture for Dr. Steven Pulos, PSY 675 – Measurement II, University of Northern Colorado, Greeley, Colorado, May, 2010.
2. **Fairlie, Anne** (2010). *Latent growth modeling*. Invited lecture for Dr. Lisa Harlow, PSY 612 – Structural Modeling, Fall 2010.

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3. **Meyer, Joseph:** *The administration of the Anxiety Disorders Interview Schedule for the DSM-IV-TR—Lifetime Version (ADIS-IV-L)*. Invited lectures (2) for PSY 662: Assessment of Personality and Psychopathology. March and April 2011.
4. **Meyer, Joseph:** *Resilience in the Face of Trauma and Hardship*. Invited lecture for PSY 662: Assessment of Personality and Psychopathology. April 2011.
5. **Rossi, Joseph S.:** *Statistical Power for Structural Equation Modeling*. Invited lecture for Dr. Lisa Harlow, PSY 612 – Structural Modeling, Fall 2010.

### **H. 24 Theses/dissertations mentored by faculty; 8 proposed/defended by graduate students in the last academic year**

#### **24 Faculty Mentoring/Committee Membership of Graduate Student Milestones**

1. **Boatright, Su:** Freier, M. (2010). An exploratory investigation: Fitting rooms as a personal service and tool to increase sales in fashion stores. Thesis submitted in partial fulfillment of the requirements for the degree of Master of Science (M. S.) in Human Services, Fashion Merchandising, URI.
2. **Harlow, L. L.,** Major Professor for Sunny Duerr who proposed his Research Competency: Math is Hard: A Multi-Sample Structural Model Investigation of Sex-Based Differences in TIMMS 2007 Math Performance
3. **Harlow, L. L.,** Major Professor for Angela Ferriera who proposed dissertation, October 18, 2010: Are All Faculty Members Being Compensated Fairly? Investigating Faculty Salary Variation
4. **Harlow, L. L.,** Major Professor for Angela Ferriera who passed Written and Oral Comprehensives, Spring 2011
5. **Paiva, A.L.:** Caitlin Burditt (2011). *Application of the Transtheoretical Model to Parent Facilitation of Healthy Anxiety Management in Their Children* (served on committee)
6. **Paiva, A.L.:** Elizabeth Dimond (2010). *Attitudes Towards Research Methods* (served on committee)
7. **Paiva, A.L.:** Jessica Lipschitz (2011). Co-occurrence and Co-variation of Stress Management and Other Health Risk Behaviors (served on committee)
8. **Paiva, A.L.:** Cerissa Creeden (2010). Validation of the Measures for the Transtheoretical Model for exercise in an African American Sample (served on committee)
9. **Paiva, A.L.:** Served on comprehensive exam committees for Lara Goodrich, Anne Fernandez, Cerissa Creeden, and Karli Kondo
10. **Rossi, J.S.:** Major Professor for Elizabeth Dimond, PhD defense: *Attitudes Towards Research Methods*.
11. **Rossi, J.S.:** Major Professor for Hisanori Kobayashi, MA defense: *Validation Study of a Behavioral Based Instrument for Dietary Fat Consumption*.
12. **Rossi, J.S.:** Major Professor for Karly Zearley, PhD proposal: *Acculturation and the Effects of Health Behaviors on Latinas: A Meta-Analysis*.
13. **Rossi, J.S.:** Committee Member for Cerissa Blaney, MA proposal (Clinical)
14. **Rossi, J.S.:** Committee Member for Anne Fernandez, PhD proposal (Clinical)
15. **Rossi, J.S.:** Committee Member for Maggie Gorraiz, MA defense (Clinical)
16. **Rossi, J.S.:** Committee Member for Lindsey Hellmann, PhD defense (Clinical)
17. **Rossi, J.S.:** Committee Member for Michael Ricci, MA defense (Clinical)
18. **Rossi, J.S.:** Committee Member for Jayson Spas, PhD proposal (Clinical)

19. **Rossi, J.S.:** Committee Member for Bryana White, PhD proposal (Clinical)
20. **Rossi, J.S.:** Committee Member for Patricia Williams, PhD defense (Clinical)
21. **Wood, M.:** Caviness, C. (Fall 2010 proposal, Spring 2011 defense). *Predictors of recidivism in a sample of high-risk, jailed women*. University of Rhode Island.
22. **Wood, M.:** Lavigne, A. M. (Spring 2011 proposal). *Alcohol cognitions and college student drinking: The moderating effect of executive abilities*. University of Rhode Island.
23. **Wood, M.:** Martin, Scott (Fall 2010 proposal). *Prospective investigation of a genetically-informed enhanced reinforcement model of alcohol involvement*. University of Rhode Island.
24. **Wood, M.:** Pierce, M. D. (Spring 2011 proposal – anticipated). *A prospective examination of post-traumatic stress and alcohol use disorder symptomatology among returning veterans*. University of Rhode Island.

### 8 Graduate Student Proposals/Defenses

1. **Aube, Daniella.** M.A. thesis defended: Cardiovascular arousal in individuals with autism spectrum disorders: An idiographic analysis.
2. **Babbin, Steve.** M.A. thesis proposed: Identifying Longitudinal Patterns of Adherence to Treatment for Obstructive Sleep Apnea
3. **Dimond, Elizabeth** (2010). Defended Dissertation: *Attitudes towards research Methods*.
4. **Duerr, S.R.** (2011). Math is hard! A multi-sample structural model investigation of sex-based differences in TIMSS 2007 math performance. Research competency proposal, May 5, 2011. Advised by Lisa L. Harlow.
5. **Fairlie, Anne.** Dissertation proposal. Measurement Timing in Growth Mixture Modeling of Alcohol Trajectories. Advisors: Mark Wood and Theodore Walls.
6. **Ferriera, Angela** proposed dissertation, October 18, 2010: are all faculty members being compensated fairly? investigating faculty salary variation.
7. **Kobayashi, Hisanori:** MA in Psychology, defended. Dr. Rossi (Major professor), Dr. Redding, Dr. Greene, Dr. Sue Rossi (Committee Chair)
8. **Martin, Scott** (Fall 2010 proposal). *Prospective investigation of a genetically-informed enhanced reinforcement model of alcohol involvement*. University of Rhode Island.

### I. 67 Other contributions relevant to Research Methodology from 12 different individuals during the last academic year

1. **Babbin, Steve:** Ad hoc reviewer for Psychological Methods
2. **Babbin, Steve:** Reviewer for the 2010 SMEP Graduate Student Pre-Conference
3. **Babbin, Steve:** Part-time consultant/data analyst for the Groden Center in Providence, RI.
4. **Boatright, Su,** The 2010 U.R.I. Psychology Department Undergraduate Alumni Satisfaction Survey
5. **Boatright, Su:** Reviewer for *Journal of Southern Medical Association*
6. **Boatright, Su:** Reviewer for *Journal of American Podiatric Medical Association*
7. **Boatright, Su:** Reviewer for *International Journal of Educational Administration and Policy Studies*
8. **Boatright, Su:** Reviewer for *Animal Cognition*
9. **Brick, Leslie:** Statistical Consultant for Poiesis Medical, LLC on power and sample size.
10. Crockett, N., **Boatright-Horowitz, S. L.,** Logan, Y. (2010). Do white college students question the competency and grading fairness of faculty because they teach White Privilege?

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11. **Duerr, Sunny R.:** Ad hoc reviewer for *Psychological Methods*
12. **Duerr, Sunny R.:** American Psychological Association (Division 5)
13. **Duerr, Sunny R.:** American Education Research Association (Division D)
14. **Fairlie, Anne:** Ad hoc reviewer for *Journal of Health Communication*
15. **Fairlie, Anne:** Ad hoc reviewer for *Psychological Methods*
16. **Fairlie, Anne:** American Psychological Association (Division 5 and 50)
17. **Fairlie, Anne:** Association for Psychological Science
18. **Fairlie, Anne:** Research Society on Alcoholism
19. **Fairlie, Anne:** Society for Prevention Research
20. **Harlow, L. L.,** Associate Editor, *Psychological Methods*
21. **Harlow, L. L.,** Co-Director, Quantitative Training for Underrepresented Groups
22. **Harlow, L. L.,** Consulting Editor, *Multivariate Behavioral Research*
23. **Harlow, L. L.,** Consulting Editor, *Methodology Journal of the European Association of Methodology*
24. **Harlow, L. L.,** Elected to (lifetime membership in) Phi Kappa Phi Honor Society
25. **Harlow, L. L.,** Editor, *Multivariate Applications Book Series* (Lawrence Erlbaum/Taylor & Francis, Publisher)
26. **Harlow, L. L.,** Consultant: MapWorks Freshman survey research project with Jayne Richmond and University College (2010)
27. **Harlow, L. L.,** Methodology Mentor, New Faculty Member: Dr. Jasmine Meno, Department of Psychology, University of Rhode Island (2010+)
28. **Harlow, L. L.,** Advisory Board, Morgan State University 1<sup>st</sup> Graduate Psychometrics Program (2007 – Present)
29. **Harlow, L. L.,** Advisory Board, *Multivariate Behavioral Research* (1998 – Present)
30. **Harlow, L. L.,** Advisory Board, Wesleyan University Quantitative Analysis Center (2010+)
31. **Harlow, L. L.,** Selected to participate in 6<sup>th</sup> annual APA Science Leadership Conference, November 2010
32. **Harlow, L. L.,** Chair, Division 5 Diversity Committee (2010 – 2011)
33. **Harlow, L. L.,** Member, Society of Multivariate Experimental Psychology Diversity Committee
34. **Harlow, L. L.,** Supervisor: Quantitative Externship Program
35. **Howes, Sarah E.:** Map-Works Stats Consulting
36. **Kajiji, Nina:** Consulting activities generated *WinORS* software package
37. **Kajiji, Nina:** Consulting activities generated *WINKS* software package
38. **Kajiji, Nina:** Consulting activities generated *TM3 Municipal Bond Yield Curve Estimation* software package
39. **Meyer, Joseph:** I have been working on multitrait multimethod matrix analyses using Mplus software for a paper on obsessive hoarding with Drs. David Tolin, Randy Frost, Timothy Brown, and Gail Steketee. We will be submitting this manuscript for publication momentarily
40. **Rossi, Joseph S.:** Institutional Review Board for the Protection of Human Research Subjects, University of Rhode Island
41. **Rossi, Joseph S.:** Quantitative Externship Program
42. **Rossi, Joseph S.:** Quantitative Consulting Graduate Assistantship Supervisor
43. **Rossi, Joseph S.:** Data Safety Monitoring Board, National Institute on Drug Abuse funded project: Optimal TTM Tailoring for Population Smoking Cessation, Colleen Redding, PI.

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44. **Rossi, Joseph S.:** Data Safety Monitoring Board, National Institute of Nursing Research funded project: Protective Effects of Delayed Cord Clamping on Very Low Birth Weight Infants, Judith Mercer, PI.
45. **Rossi, Joseph S.:** Data Safety Monitoring Board, National Institute on Drug Abuse funded project: Motivation and Skills for the THC/ETOH+ Teens in Jail, Lyn Stein, PI.
46. **Rossi, Joseph S.:** Ad hoc reviewer for *American Journal of Health Promotion*
47. **Rossi, Joseph S.:** Ad hoc reviewer for American Psychological Association, Division 5
48. **Rossi, Joseph S.:** Ad hoc reviewer for *American Psychologist*
49. **Rossi, Joseph S.:** Ad hoc reviewer for *Perceptual and Motor Skills*
50. **Rossi, Joseph S.:** Ad hoc reviewer for *Preventive Medicine*
51. **Rossi, Joseph S.:** Ad hoc reviewer for *Psychological Methods*
52. **Rossi, Joseph S.:** Ad hoc reviewer for *Psychological Reports*
53. **Rossi, Joseph S.:** Ad hoc reviewer for *Psychology of Addictive Behaviors*
54. **Velicer, Wayne F.:** 1989-present, **Co-Director**, Cancer Prevention Research Center, University of Rhode Island, Kingston, Rhode Island
55. **Velicer, Wayne F.:** **Pro-Change Behavior Systems**, Founder & Principal (<http://www.prochange.com/home2.htm>)
56. **Velicer, Wayne F.:** External Advisory Board, Methods for Drug Prevention Research, Penn State University, 1996-present.
57. **Velicer, Wayne F.:** Editorial Board, *Drug Use & Misuse*, 2007-present
58. **Velicer, Wayne F.:** Editorial Board, *Applied Psychology: Health and Well-Being*, 2008-present
59. **Velicer, Wayne F.:** Applied Psychology: Health and Well-Being (Editorial Board)
60. **Velicer, Wayne F.:** *Regular Reviewer*: US Army (Breast Cancer), US Army (Prostate Cancer), Tobacco-related Disease Research Program (California), National Cancer Institution
61. **Wood, Mark:** Ad hoc reviewer for *Psychological Assessment*
62. **Wood, Mark:** Ad hoc reviewer for *Psychology of Addictive Behaviors*
63. **Wood, Mark:** Ad hoc reviewer for *Journal of Abnormal Psychology*
64. **Wood, Mark:** Ad hoc reviewer for *Journal of Consulting and Clinical Psychology*
65. **Wood, Mark:** Ad hoc reviewer for *Journal of Studies on Alcohol and Drugs*
66. **Wood, Mark:** Ad hoc reviewer for *Addictive Behaviors*
67. **Youssef, Rouba:** GA, SAS & SPSS Installation Support Desk, Computer Center

## 2010-2011 Research Methodology Focus Area Report

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### 1-Page Summary: By Lisa Harlow, Director & Sunny Duerr, Student Representative

**Summary:** 12 faculty members and 22 students are listed for this year-end summary (Several more faculty and students may also be members). Contributions included: 18 awards-honors, 27 grants submitted or funded, 49 published or in-press articles, 52 presentations and 14 attended conferences/workshops, 28 sections of 24 courses taught, 6 TA positions, 5 guest lectures given, 24 theses or dissertations mentored by faculty, and 8 proposed or defended by graduate students; and 67 other methodological contributions made by 13 different individuals. Relevant listings may occur in more than 1 focus area report so they may not be independent.

### **Names, Program Affiliation, and Other Focus Areas in which Focus members participate**

#### ***12 Faculty (several carried over from last year with no input yet this year):***

1. Boatright, Su L.: Behavioral Science, also in Multicultural Focus Area
2. Cohen, Jerry: Behavioral Science
3. Harlow, Lisa L.: Behavioral Science, also in Health and Multicultural Focus Areas
4. Kajiji, Nina: Computer Science and Statistics Department
5. Laforge, Bob: Behavioral Science, also in Health Focus Area
6. Paiva, Andrea: Behavioral Science Adjunct Faculty, also in Health Focus Area
7. Rossi, Joe: Behavioral Science, also in Health Focus Area
8. Stevenson, John: Behavioral Science, also in Health Focus Area
9. Velicer, Wayne: Behavioral Science, also in Health Focus Area
10. Walls, Theodore: Behavioral Science, also in Health and Developmental Focus Areas
11. Willis, W. Grant: School Psychology, also in Neuropsychology Focus Area
12. Wood, Mark: Behavioral Science, also in Health Focus Area

#### ***22 Students (several carried over from last year with no input yet this year):***

1. Aube, Daniella: Behavioral Science, also in Multicultural Focus Area
2. Babbitt, Steven: Behavioral Science, also in Health Focus Area
3. Blaney, Cerissa: Clinical, also in Health Focus Area
4. Brick, Leslie Ann D.: Behavioral Science
5. Cook, Nathan: Clinical, also in Multicultural Focus Area
6. Duerr, Sunny R., M.S.: Behavioral Science
7. Fairlie, Anne M.: Behavioral Science, also in Health Focus Area
8. Favasuli, Stephen: Behavioral Science
9. Fernandez, Anne: Clinical, also in Health Focus Area
10. Harrington, Magdalena: Behavioral Science, also in Health Focus Area
11. Howes, Sarah E.: Behavioral Science
12. Kobayashi, Hisanori: Behavioral Science, also in Health Focus Areas
13. Martin, Scott D.: Behavioral Science, also in Health Focus Area
14. McGee, Heather: Behavioral Science, also in Health Focus Area
15. Meyer, Joseph: Clinical
16. Palumbo, Richard: Behavioral Science
17. Roberts, Cynthia: Behavioral Science, also in Multicultural Focus Area
18. Santiago-Rivas, Marimer: Behavioral Science, also in Health Focus Area
19. Sillice, Marie: Clinical, also in Multicultural Focus Area
20. Villegas, David: Behavioral Science
21. Yin, Hui-Qing: Behavioral Science, also in Health Focus Area
22. Youssef, Rouba: Behavioral Science, also in Health Focus Area