

## Richard O Rivera

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### Education

Anticipated in Fall/2008  
Ph.D., Arizona State University  
Division of Psychology in Education, College of Education, Tempe, Arizona  
Concentration: Measurement, Statistics, & Methodological Studies  
Advisor: Samuel Green, Ph.D.

Fall/2007  
M.A., Arizona State University  
Division of Psychology in Education, College of Education, Tempe, Arizona  
Concentration: Measurement, Statistics, & Methodological Studies  
Thesis: *Gay Men's Anti-Feminine Prejudice: A Structural Model*  
Advisor: Samuel Green, Ph.D.

Fall/2001  
B.S., Arizona State University at the West campus,  
Social and Behavioral Sciences, College of Arts and Sciences, Phoenix, Arizona  
Barrett Honors College, Tempe, Arizona  
Major: Psychology, *Summa Cum Laude*  
Minor: Life Science  
Honors Thesis: *Feminegativity in Gay and Bisexual men*  
Advisor: Mary Burleson, Ph.d.

### Work Experience

Statistician, Center for Applied Behavioral Health Policy

July 2, 2007 – Current

I analyze quantitative data related to program evaluation and policy analysis in regards to behavior health and substance abuse.

Assistant Director of Statistics Lab, Mathematical Sciences and Applied Computing, ASU's West campus, Phoenix AZ.

2005 – 2007

I manage the Statistics Lab for Roger Berger, Chairperson for Mathematical Sciences and Applied Computing. I provide consultation in software usage, research design, and survey development principally for students. Primarily, I supervise, train, and schedule lab technicians to staff and maintain the Statistics Lab. Secondly, I schedule and conduct in-class introductory and intermediate SPSS workshops for courses that involve the analysis of quantitative data. Thirdly, I maintain the Stat Lab website.

Dissertation Consultant

2003 – Current

Periodically, I consult graduate students on their theses/dissertations ranging from survey design, research design, and data analyses.

Statistician, Applied Behavioral Health Policy

July 1 – August 15<sup>th</sup>, 2006

I analyzed data for Brian Arthur, Associate Director of Applied Behavioral Health Policy.

Statistics Lab Supervisor, Research Consulting Center,

ASU's West campus, Phoenix AZ.

1998 – 2005

I managed most aspects of the Stat Lab for Joseph M. Ryan, Ph.D., Director of Research Consulting Center. I have provided consultation in statistics, software usage, research design, and survey development for students, staff, faculty, and research teams. I have assisted many individuals on their theses, applied projects, and research endeavors. I maintained the Research Consulting Center website.

## Research Experience

Summer, 2003

As a graduate assistant, I worked with Samuel Green, Ph.D. in writing a technical report on student rating on instructional effectiveness for the College of Education, ASU at the Tempe campus.

2000 - 2001

Barrett Honors College thesis. I completed an undergraduate empirical research on negative attitudes toward femininity among gay and bisexual men. Dr. Mary Burleson was the chairperson.

Summer, 1998

I conducted a research internship with Sheri Mizumori, Ph.D. & Wayne Pratt, Department of Psychology, University of Utah. We examined the stimulus-reward interaction within the amygdala and related brain structures using a novel version of the conditioned place preference paradigm.

Fall, 1997 & Spring of 1998

I worked in the ASU's West campus Visual Sciences Laboratory with Dr. Randy Hammond, where I used non-invasive psychophysical techniques to measure a number of visual parameters.

Winter, 1996

I administered the Young Men's Survey for the University of California, San Francisco. The data was used to understand HIV risk behaviors.

Fall, 1996

I worked with Dr. Irwin Westenberg at Glendale Community College on the disease progression of a hydrocephalic rat.

### Published and Unpublished Work

- Orlando, P.C. & Rivera, R. O. (2004). Neurofeedback for Elementary Students with Identified Learning Problems. *Journal of Neurotherapy*, 8(2): 5-19.
- Green, S., Rivera, R., Yang, Y., & Chen, Y-h (2003). *Report to the College of Education College Council: Revising the COE Student Ratings of Teaching Effectiveness*. Accessible from [http://webdev.west.asu.edu/jmryan/teacher\\_eval.pdf](http://webdev.west.asu.edu/jmryan/teacher_eval.pdf)
- Rivera, R. O. (2001). *Feminegativity among Gay and Bisexual Men*. Unpublished honors thesis, Arizona State University at the Tempe campus.
- Hammond, B. R., Wenzel, A. J., Luther, M. S., Rivera, R. O., King, S. J., & Choate, M. L. (1998). Scotopic Sensitivity: Relation to Age, Dietary Patterns, and Smoking Status. *Optometry and Vision Science*, 75, 867-872.

### Talks Presented to Professional Audiences

- De Forrest, M., Oliver, V. S. & Rivera, R. O. (April, 2004). Symposium: Autism: Pediatricians' General Knowledge of Diagnostic Criteria, Treatment, and Prognosis. Annual meeting of the Western Psychological Association, Phoenix, AZ
- Rivera, R. O., Yang, Y, Chen, Y, & Green, S. (October, 2003). *Evaluation of Student Ratings of College Instruction: A Case Study*. Annual meeting of Arizona Educational Research Organization Conference, Tempe, AZ
- Ryan, J. M., De Biak, A., Popp, S. O. & Rivera, R. O. (October, 2002). *An Overview of Item Response Theory*. Symposium conducted at the 15<sup>th</sup> Annual Meeting of the Arizona Educational Research Association, Tempe, AZ

### Talks Presented to Non-professional Audiences

- Numerous workshops on utilizing SPSS to a variety of statistic and method courses, ASU at the West campus, 2000-Current
- Rivera, R. O. (August, 1998). *A novel format of conditioned place preference: utilizing a spatial configuration as a cue*. Talk presented at Summer Research Opportunity Program. Department of Psychology, University of Utah, Summer 1998

## Poster Presentations

- Rivera, R. O. (July, 2004). *Femi-Negativity in Gay and Bisexual Men*. Poster session presented at the annual American Psychological Association Conference, Honolulu, HA
- De Forrest, M., Oliver, V. S. & Rivera, R. O. (July, 2004) *Autism and Medications: Use and Abuse*. Poster session presented at the annual American Psychological Association Conference, Honolulu, HA
- Rivera, R. O. (April 2003). *Electroencephalogram Biofeedback among Children with Learning Disabilities*. Poster session presented at the annual Arizona Student Research Conference, ASU's Tempe campus, AZ
- Rivera, R. O. (January, 2002). *Mate selection & reproductive value: Beauty is in the adaptation of the beholder*. Poster session presented at the annual Arizona Student Research Conference, ASU's Tempe campus, AZ
- Rivera, R. O. (Summer, 1998). *Utilizing a spatial configuration as a cue*. Poster session presented at Summer Research Opportunity Program, University of Utah, Salt Lake City, UT

## Awards received

- Student Travel Grant, Arizona State University, 2004
- Scholarship to ASU at the West campus, 1999-2000
- 10 week stipend, Summer Research Opportunity Program, University of Utah, Salt Lake City, Conditioned Place Preference and Amygdala Inactivation. Summer of 1998
- Funding, Western Alliance to Expand Student Opportunities (WAESCO), Scotopic Sensitivity and Antioxidants, Spring 1998
- Achievement award, Excellence in Diversity 1997-1998 Student Award, Campus Environment Team, ASU at the West campus.
- Funding, Western Alliance to Expand Student Opportunities (WAESCO), Training in Maxwellian View Optical System and conducting nutritional questionnaire. Fall 1997

### **Teaching & Tutoring Experience**

Substitute instructor, SBS 404, (Social Statistics II), seven class periods, Spring, 2004, ASU at the West campus. Taught logistic regression, provided a review of multiple regression and path analysis

Tutored students for EDP 552 (Multiple Regression), Spring & Fall 2003. ASU at the Tempe campus

### **Conferences Attended**

- American Psychological Association Conference, July 2004, Honolulu, HA
- Western Psychological Association Conference, April 2004, Phoenix, AZ
- Arizona Educational Research Organization Conference, 2003, Tempe, AZ
- Arizona Educational Research Organization Conference, 2002, Tempe, AZ
- American Psychological Association Conference, August 2000, D.C.
- Society for Psycho-Physiological Research Conference, October 2000
- American Psychological Association Conference, August 2000, D.C.

## Professional Memberships

- Arizona Educational Research Association
- American Psychological Association (APA)
- Division of Evaluation, Measurement, and Statistics, Division 5 of APA
- Society for the Psychological Study of Lesbian, Gay, and Bisexual Issues, Division 44 of APA
- Society for the Psychological Study of Men and Masculinity, Division 51 of APA.
- Society for the Psychology of Women, Division 35 of APA
- Psi Chi, National Honor's Society for Psychology Students
- Golden Key Honor's Society

## Community Activities

I developed and maintained the ASU's West Campus Latina/o Events Committee website: <http://www.west.asu.edu/latinoevents>, Spring, 2005 – Fall, 2005

Organizer of Art Exhibit: *Through the Eyes of Afro-Mexican Youth from the Costa Chica Region, Oaxaca, Mexico*. Arizona State University at the West campus, Fall, 2004. [http://www.west.asu.edu/latinoevents/Afro\\_Mexican.htm](http://www.west.asu.edu/latinoevents/Afro_Mexican.htm)

Volunteer, Arizona Educational Association Organization Annual Convention, Fall 2003 & 2004

Steering Committee for the Board of Regents to revise Arizona's Student Code of Conduct, Fall, 1999 – Spring, 2000

Weekly Volunteer, El Mirage Senior Center, Spring 1999

Coordinator, Mathew Shepard & Hate Crime Victim Memorial, Fall 1998 & 1999

Student Forum Representative, Associated Students at Arizona State University, Spectrum, Summer, 1997- Fall, 1998

Organizer, Anti-Hate Committee, ASU's West campus, Spring, 1998.  
In response to hate crimes committed to a professor

Assistant to the Public Relations Officer, Psi Chi, Chapter ASU's West campus, 1998

Co-founder & facilitator, Spectrum, Arizona State University West (ASU's West campus), Summer 1997 - Spring 1998

Student Forum Representative Associated Students of ASU's West campus for Psi Chi, 1997

Vice President, Adventures Club, Glendale Community College, 1996

Member, Lesbian, Gay, Bisexual Academic Union, Glendale Community College, Fall 1995 -Spring 1996

## **Skills**

### Software Experience

Statistical: BILOG, EQS, HLM, MPLUS, SAS (unix), & SPSS

Microsoft: Excel, FrontPage, PowerPoint, Photoshop Editor, & Word

Language: English & Spanish