

## ***Raul Gonzalez, Ph.D.***

ASSOCIATE PROFESSOR OF PSYCHOLOGY, PSYCHIATRY, AND IMMUNOLOGY  
FLORIDA INTERNATIONAL UNIVERSITY  
SUBSTANCE USE AND HIV NEUROPSYCHOLOGY LABORATORY  
**SUHN LAB**

### ***CONTACT INFORMATION***

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[Researcher ID: B-2289-2009](#)

### ***APPOINTMENTS***

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- 2013 – P      **Associate Professor of Psychiatry and Immunology (secondary appointments)**  
Florida International University, Miami, Herbert Wertheim College of Medicine
- 2012 – P      **Associate Professor of Psychology (Tenured), Director of SUHN Lab**  
Florida International University, Miami, Department of Psychology
- 2010 – 2012      **Assistant Professor of Psychology (secondary appointment)**  
University of Illinois, Chicago, Department of Psychology
- 2006 – 2012      **Assistant Professor of Psychiatry (Tenure Track)**  
University of Illinois, Chicago, Department of Psychiatry

### ***LICENSURE***

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- 2014 – P      **Licensed Clinical Psychologist**  
State of Florida
- 2006 – P      **Licensed Clinical Psychologist**  
State of Illinois

### ***EDUCATION***

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- 2004 – 2006      **Post-doctoral Research Fellow in Neuropsychology, Cognitive & Addictions Neuroscience**  
University of Illinois, Chicago, Department of Psychiatry  
*Fulfills INS/Divison40 postdoctoral training guidelines in clinical neuropsychology*
- 2003 – 2004      **Clinical Psychology Internship**  
University of Illinois, Chicago, Department of Psychiatry  
*APA-accredited internship; APCS Member Program*

- 1998 – 2004     **Ph.D. in Clinical Psychology (Neuropsychology track)**  
San Diego State University / University of California, San Diego  
UCSD, Department of Psychiatry & SDSU, Department of Psychology  
*APA-accredited doctoral program; APCS Member Program*
- 1998 – 2002     **M.S. in Clinical Psychology (Neuropsychology track)**  
San Diego State University / University of California, San Diego  
UCSD, Department of Psychiatry & SDSU, Department of Psychology  
*APA-accredited doctoral program; APCS Member Program*
- 1995 - 1997     **B.A. in Psychology, minor in Chemistry, magna cum laude, Honors College**  
Florida International University, Miami, FL, College of Arts & Sciences

## **RESEARCH FUNDING**

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### **AWARDED (ACTIVE)**

- 2015 – 2020     "FIU-ABCD: Pathways and Mechanisms to Addiction in the Latino Youth of South Florida"  
\$12,689,357 total costs  
Principal Investigator   NIH/NIDA           U01 DA041156
- 2012 – 2018     "The impact of cannabis use on the neuropsychological functioning of individuals with HIV/AIDS"  
\$2,210,750 total costs  
Principal Investigator   NIH/NIDA           R01 DA033156
- 2012 – 2018     "Decision-making and episodic memory in trajectories to cannabis addiction"  
\$2,174,102 total costs  
Principal Investigator   NIH/NIDA           R01 DA031176
- 2012 – 2017     "Cognitive neuropsychology of HIV and drug abuse"  
Co-Investigator (PI: Martin)   NIH/NIDA           R01 DA012828-11  
\*Role changed to consultant after change of institution

### **AWARDED (COMPLETED)**

- 2012 – 2014     "Administrative supplement: Social-emotional contexts of adolescent smoking patterns"  
Co-Investigator (PI: Mermelstein)   NIH/NCI           Supplement to P01 CA098262  
\*Role changed to consultant after change of institution
- 2008 – 2012     "Neurocognitive disinhibition and cannabis addiction"  
\$476,184  
Principal Investigator   NIH/NIDA           K23 DA023560
- 2007 – 2008     "Executive function and alcohol use: precursors and consequences"  
Co-Investigator (PI: Kassel)   University of Illinois Chicago  
Institute for Health Research and Policy (IHRP) Pilot Grant Program
- 2006 – 2008     "Cognitive neuropsychology of HIV and drug abuse"  
Co-Investigator (PI: Martin)   NIH/NIDA           R01 DA012828-06
- 2005 – 2007     "Drug Addiction, HIV, and neurocognitive functioning"  
[loan repayment]  
Principal Investigator   NIH/NIDA           L30 DA018528  
NIH Clinical Research Loan Repayment Program (Competitive Renewal)
- 2005 -2007     "Mechanisms for neurocognitive damage of HIV+ drug users"  
\$86,044  
Principal Investigator   NIH/NIDA           F32 DA018522

## Ruth L. Kirschstein National Research Service Award (NRSA)

2000 – 2003 “Neurocognitive effects of combined methamphetamine and alcohol abuse”  
Principal Investigator NIH/NIDA Supplement to P01 DA12065  
Grant Supplement for Underrepresented Minorities

**HONORS, AWARDS, & RECOGNITIONS**

2013 Florida International University Top Scholar  
2013 NIDA DCNBR Outstanding Early Career Investigator Award  
2012 UIC Faculty Scholarship Support Program Award  
2010 Center for Clinical and Translational Science Mentor Academy Stipend  
2007 APA 2007 NIDA Early Career Investigator Invited Travel Award  
2006 NIDA Research Training Institute Invited Travel Award  
2006 APA 2006 NIDA Early Career Investigator Invited Travel Award  
1998 – 2000 San Diego Fellowship, UCSD

**PUBLICATIONS****CITATION METRICS**

(Based only on publications with data on Google Scholar)

<http://scholar.google.com/citations?user=cG-26IIAAAJ&hl=en>

Times cited: 2,372

h-index: 25

i10-index: 34

**BOOK CHAPTERS (n = 4)**

1. **Gonzalez, R.**, Martin, E.M., & Grant, I. (2007). *Marijuana*. In Kalechstein, A. & Van Gorp, W. (Eds.). Neuropsychology and Substance Use: State of the Art and Future Directions. New York: Taylor and Francis, 139 – 170.
2. **Gonzalez, R.**, Vassileva, J., Scott, J.C. (2009). *Neuropsychological Consequences of Drug Abuse*. In Grant, I. & Adams, K.M. (Eds.), Neuropsychological Assessment of Neuropsychiatric Disorders, 3rd Edition. New York: Oxford University Press, 455 – 479.
3. **Gonzalez, R.**, Quartana, Phillip J., Martin, E. M. (2009). *Co-occurrence of HIV, Hepatitis C, and Substance Use Disorders: Effects on Brain Functioning*. In Paul, R.H., Sacktor, N.C., Valcour, V., & Tashima, K.T. (Eds.) HIV and the Brain: New Challenges in the Modern Era. New York: Humana Press, 213 – 232.
4. Levine, A., **Gonzalez, R.**, Martin, E.M. (2012). *Neurocognition in HIV and Substance Use Disorders*. In Gendelman, H.E., Grant, I., Everall, I.P., Gelbard, H.A., Fox, H.S., Lipton, S.A., and Swindells, S. (Eds.) The Neurology of AIDS, Third Edition. New York: Oxford University Press, 1034 – 1044.

**REVIEW ARTICLES AND COMMENTARIES (n = 7)**

5. **Gonzalez, R.**, Carey, C., Grant I. (2002). Nonacute (Residual) neuropsychological effects of cannabis use: A qualitative analysis and systemic review. Journal of Clinical Pharmacology, 42, 48S-57S. [PMID: 12412836](#)
6. **Gonzalez, R.**, Jacobus, J., & Martin, E.M. (2005). Investigating neurocognitive features of hepatitis C virus infection in drug users: potential challenges and lessons learned from the HIV literature. Clinical Infectious Diseases. 41, S45 – S49. [PMID: 16265613](#)
7. **Gonzalez, R.** (2007). Acute and non-acute effects of cannabis on brain functioning and neuropsychological performance. Neuropsychology Review, 17, 347 – 361. [PMID: 17680367](#)
8. **Gonzalez, R.** & Cherner, M. (2008). Co-factors in HIV neurobehavioral disturbances: Substance abuse, Hepatitis C, and aging. International Review of Psychiatry, 20, 49 – 60. [PMID: 18240062](#)
9. \*Schuster, R.M. & **Gonzalez, R.** (2012). Substance abuse, hepatitis C, and aging in HIV: Common co-factors that contribute to neurobehavioral disturbances. Neurobehavioral HIV Medicine, 4, 15 – 34. [Open Access](#)
10. **Gonzalez, R.** & Swanson, J.M. (2012). Long-term effects of adolescent-onset and persistent use of cannabis: current trends, new findings, questions, and importance. [*Commentary on Meier et al's "Persistent cannabis users show*

*neuropsychological decline from childhood to midlife”*] *Proceedings of the National Academy of Sciences*, *109*, 15970 – 15971. [PMID: 23012451](#), [PMCID: PMC3479595](#)

11. \*Crane, M., Schuster, R.M., Fusar-Poli, P., **Gonzalez, R.** (2013). Effects of cannabis on neurocognitive functioning: Recent advances, neurodevelopmental influences, and sex differences. *Neuropsychology Review*, *23*, 117 - 137. [PMID: 23129391](#), [PMCID: PMC3593817](#)

\*Lead author is Dr. Gonzalez's trainee and/or Dr. Gonzalez is senior author.

## RESEARCH ARTICLES (*n* = 43)

12. **Gonzalez, R.**, Heaton, R.K., Moore, D.J., Letendre, S., Ellis, R.J., Wolfson, T., Marcotte, T., Cherner, M., Rippeth, J., Grant, I., & the HNRC Group. (2003). Computerized reaction time battery versus a traditional neuropsychological battery: Detecting HIV-related impairments. *Journal of the International Neuropsychological Society*, *8*, 64 – 71. [PMID: 12570359](#)
13. Grant, I., **Gonzalez, R.**, Carey, C., Wolfson, T., & Natarajan, L. (2003). Non-acute (residual) neurocognitive consequences of marijuana: A meta-analytic study. *Journal of the International Neuropsychological Society*, *9*, 679 – 689. [PMID: 12901774](#)
14. Schweinsburg, B.C., Alhassoon, O.M., Taylor, M.J., **Gonzalez, R.**, Videen, J.S., Brown, G.G., Patterson, T.L., & Grant, I. (2003). Effects of alcoholism and gender on brain metabolism. *American Journal of Psychiatry*, *160*, 1180 – 1183. [PMID: 12777281](#)
15. **Gonzalez, R.**, Rippeth, J.D., Carey, C.L., Heaton, R.K., Moore, D.J., Schweinsburg, B.C., Cherner, M., & Grant, I. (2004). Neurocognitive performance of methamphetamine users discordant for history of marijuana exposure. *Drug and Alcohol Dependence*, *76*, 181 – 190. [PMID: 15488342](#)
16. Carey, C., Woods, S.P., **Gonzalez, R.**, Conover, E., Grant, I., Heaton, R.K., & the HNRC Group. (2004). Predictive validity of global deficit scores in detecting neuropsychological impairment in HIV infection. *Journal of Clinical and Experimental Neuropsychology*, *26*, 307 – 319. [PMID: 15512922](#)
17. Carey, C., Woods, S.P., Rippeth, J., **Gonzalez, R.**, Moore, D.J., Marcotte, T., Grant, I., Heaton, R., & the HNRC Group. (2004). Initial validation of a neuropsychological screening battery for the detection of HIV-related cognitive impairment. *The Clinical Neuropsychologist*, *18*, 234 – 248. [PMID: 15587671](#)
18. Woods, S.P., Conover, E., Rippeth, J.D., Carey, C., **Gonzalez, R.**, Marcotte, T.D., Heaton, R.K., Grant, I., & the HNRC Group. (2004). Qualitative aspects of verbal fluency performance in HIV-associated dementia: A deficit in rule-guided lexical-semantic search processes? *Neuropsychologia*, *42*, 801 – 809. [PMID: 15037058](#)
19. Marcotte, T.D., Wolfson, T., Rosenthal, T.J., Heaton, R.K., **Gonzalez, R.**, Ellis, R.J., Grant, I., & the HNRC Group. (2004). A Multimodal Assessment of Driving Performance in HIV Infection. *Neurology*, *63*, 1417 – 1422. [PMID: 15505158](#)
20. Martin, E.M., Novak, R.M., Fendrich, M., Vassileva, J., **Gonzalez, R.**, Grbesic, S., Sworowski, L. (2004). Stroop performance in drug users classified by HIV and hepatitis C virus serostatus. *Journal of the International Neuropsychological Society*, *10*, 298 – 300. [PMID: 15012850](#)
21. Rippeth, J.D., Heaton, R.K., Carey, C.L., Marcotte, T.D., Moore, D.J., **Gonzalez, R.**, Wolfson, T., Grant, I., & the HNRC Group. (2004). Methamphetamine dependence increases risk of neuropsychological impairment in HIV infected persons. *Journal of the International Neuropsychological Society*, *10*, 1 – 14. [PMID: 14751002](#)
22. **Gonzalez, R.**, Vassileva, J., Bechara, A., Grebesic, S., Sworowski, L., Novak, R.M., Nunnally, G., & Martin, E.M. (2005). The influence of executive functions, sensation seeking, and HIV serostatus on the risky sexual practices of substance dependent individuals. *Journal of the International Neuropsychological Society*, *11*, 1 – 11. [PMID: 15962700](#)
23. Moore, D.J., Atkinson, J.H., Akiskal, H., **Gonzalez, R.**, Wolfson, T., Grant, I., & the HNRC Group. (2005). Temperament and risky behaviors: A pathway to HIV? *Journal of Affective Disorders*, *85*, 191 – 200. [PMID: 15780689](#)
24. Schweinsburg, B.C., Taylor, M.J., Alhassoon, O.M., **Gonzalez, R.**, Brown, G.G., Ellis, R.J., Letendre, S., Videen, J.S., McCutchan, J.A., Patterson, T.L., Grant, I & the HNRC Group. (2005) Brain mitochondrial injury in human immunodeficiency virus-seropositive (HIV+) individuals taking nucleoside reverse transcriptase inhibitors. *Journal of Neurovirology*, *11*, 356 – 364. [PMID: 16206458](#)
25. Woods, S.P., Rippeth, J.D., Conover, E., Gongvatana, A., **Gonzalez, R.**, Carey, C.L., Cherner, M., Heaton, R.K., Grant, I., & the HNRC Group. (2005). Deficient strategic control of verbal encoding and retrieval in individuals with methamphetamine dependence. *Neuropsychology*, *19*, 35 – 43. [PMID: 15656761](#)
26. Richardson, J.L., Nowicki, M., Danley, K., Martin, E.M., Cohen, M.H., **Gonzalez, R.**, Vassileva, J., & Levine, A.M. (2005). Neuropsychological functioning in a cohort of HIV and hepatitis-C infected women. *AIDS*, *19*, 1659 – 1667. [PMID: 16184036](#)
27. **Gonzalez, R.**, Grant, I., Miller, S.W., Taylor, M.J., Schweinsburg, B.C., Carey, C.L., Woods, S.P., Norman, M.A., Rippeth, J.D., Martin, E.M., & Heaton, R.K. (2006). Demographically adjusted normative standards for new indices of

- performance on the Paced Auditory Serial Addition Task (PASAT). *The Clinical Neuropsychologist*, *20*, 396 – 413. [PMID: 16895855](#)
28. **Gonzalez, R.**, Grant, I., Miller, S.W., Carey, C.L., Woods, S.P., Rippeth, J.D., Schweinsburg, B.C., Norman, M.A., Martin, E.M., & Heaton, R.K. (2006). Association between dyads and correct responses on the Paced Auditory Serial Addition Task (PASAT). *Assessment*, *13*, 381 - 384. [PMID: 17050907](#)
  29. Carey C.L., Woods, S.P., Rippeth, J.D., **Gonzalez, R.**, Heaton, R.K., Grant, I., & the HNRC group. (2006). Additive effects of methamphetamine dependence and immunosuppression on neuropsychological functioning in HIV infection. *AIDS & Behavior*, *14*, 1 – 6. [PMID: 16477511](#)
  30. Moore, D.J., Masliah, E., Rippeth, J.D., **Gonzalez, R.**, Carey, C.L., Cherner, M., Ellis, R.J., Achim, C.L., Marcotte, T.D., Heaton, R.K., Grant, I., & the HNRC Group (2006). Cortical and subcortical neurodegeneration is associated with HIV neurocognitive impairment. *AIDS*, *20*, 879 – 887. [PMID: 16549972](#)
  31. **Gonzalez, R.**, Bechara, A., Martin, E.M. (2007). Executive functions among individuals with methamphetamine or alcohol as drugs of choice: preliminary observations. *Journal of Clinical and Experimental Neuropsychology*, *29*, 155 – 159. [PMID: 17365250](#)
  32. Martin, E.M., Nixon, H., Pitrak, D.L., Weddington, W., Rains, N.A., Nunnally, G., Grbesic, S., **Gonzalez, R.**, Jacobus, J., Bechara, A. (2007). Characteristics of prospective memory deficits in HIV-seropositive substance-dependent individuals: preliminary observations. *Journal of Clinical and Experimental Neuropsychology*, *29*, 496-504. [PMID: 17564915](#)
  33. Vassileva, J., **Gonzalez, R.**, Bechara, A., Martin, E.M. (2007). Are all drug addicts impulsive?: Effects of antisociality and extent of multidrug use on cognitive and motor impulsivity. *Addictive Behaviors*, *32*, 3071 – 3076. [PMID: 17507173](#), [PMCID: PMC2128047](#)
  34. **Gonzalez, R.**, Jacobus, J., Amatya, A.K., Quartana, P.J., Vassileva, J., Martin, E.M. (2008). Deficits in complex motor functions, despite no evidence of procedural learning deficits, among HIV+ individuals with history of substance dependence. *Neuropsychology*, *22*, 776-786. [PMID: 18999351](#), [PMCID: PMC2630709](#)
  35. **Gonzalez, R.**, Wardle, M., Jacobus, J., Vassileva, J., Martin, E. M. (2010). Influence of procedural learning on Iowa Gambling Task performance among HIV+ Individuals with history of substance dependence. *Archives of Clinical Neuropsychology*, *25*, 28 – 38. [PMID: 19939850](#), [PMCID: PMC2809553](#)
  36. \*Wardle, M. C., **Gonzalez, R.**, Bechara, A., Martin-Thormeyer, E. M. (2010). Iowa Gambling Task performance and emotional distress interact to predict risky sexual behavior in individuals with dual substance and HIV diagnoses, *Journal of Clinical and Experimental Neuropsychology*, *32*, 1110-1121. [PMID: 20480423](#), [PMCID: PMC3639122](#)
  37. Martin, E.M., **Gonzalez, R.**, Vassileva, J., Maki, P. (2011). HIV+ men and women show different performance patterns on procedural learning tasks. *Journal of Clinical and Experimental Neuropsychology*, *33*, 112-120. [PMID: 20694870](#), [PMCID: PMC2990780](#)
  38. Vassileva, J., Georgiev, S., Martin, E.M., **Gonzalez, R.**, Segala, L. (2011). Psychopathic heroin addicts are not uniformly impaired across neurocognitive domains of impulsivity. *Drug and Alcohol Dependence*, *114*, 194-200. [PMID: 21112701](#), [PMCID: PMC3062675](#)
  39. **Gonzalez, R.**, Schuster, R.M., Vassileva, J., Martin, E.M. (2011). Impact of HIV and a history of marijuana dependence on procedural learning among substance dependent individuals. *Journal of Clinical and Experimental Neuropsychology*, *33*, 735-752. [PMID: 21480022](#), [PMCID: PMC3633561](#)
  40. Paxton, J.L., Vassileva, J., **Gonzalez, R.**, Maki, P.M., Martin, E.M. (2012). Neurocognitive performance in drug dependent males and females with PTSD symptoms. *Journal of Clinical and Experimental Neuropsychology*, *34*, 521-530. [PMID: 22385364](#), [PMCID: PMC3337707](#).
  41. Liu, Richard T., Vassileva, J., **Gonzalez, R.**, Martin, E.M. (2012). A comparison of delay discounting among substance users with and without suicide attempt history. *Psychology of Addictive Behaviors*, *26*, 980-985. [PMID: 22369220](#), [PMCID: PMC3369019](#)
  42. \*Schuster, R. M., Crane, N., Mermelstein, R., **Gonzalez, R.** (2012). The influence of inhibitory control and episodic memory on the risky sexual behavior of young adult cannabis users. *Journal of the International Neuropsychological Society*, *18*, 827-833. [PMID: 22676889](#), [PMID: PMC3677559](#)
  43. **Gonzalez, R.**, Schuster, R.M., Mermelstein, R.J., Vassileva, J., Martin, E.M., Diviak, K.R. (2012). Performance of young adult cannabis users on neurocognitive measures of impulsive behavior and their relationships to symptoms of cannabis use disorders. *Journal of Clinical and Experimental Neuropsychology*, *34*, 962-976. [PMID: 22882144](#), [PMCID: PMC3488122](#)
  44. Martin, E.M., DeHaan, S., Vassileva, J., **Gonzalez, R.**, Weller, J., Bechara, A. (2013). Decision making among HIV+ drug using men who have sex with men: A preliminary report from the Chicago Multicenter AIDS Cohort Study. *Journal of Clinical and Experimental Neuropsychology*, *35*, 573 – 583. [PMID: 23701366](#), [PMCID: PMC3700610](#)
  45. Vassileva, J., Ahn, Woo-Young, Weber, K.M., Busemeyer, J., Stout, J.C., **Gonzalez, R.**, Cohen, M.H. (2013). Computational modeling reveals distinct effects of HIV and history of drug use on decision-making processes in women. *PLOS ONE*, *8*, e68962. [PMID: 23950880](#), [PMCID: PMC3737214](#)

46. \*Crane, N.A., Schuster, R.M., **Gonzalez, R.** (2013). Preliminary evidence for a sex-specific relationship between amount of cannabis use and neurocognitive performance in young adult cannabis users. Journal of the International Neuropsychological Society, 19, 1009 – 1015. [PMID: 23962414](#), [PMCID: PMC3895398](#)
47. Wilson, M., Martin-Engel, L., Vassileva, J., **Gonzalez, R.**, Martin, E. (2013). An investigation of the effects of antiretroviral CNS penetration effectiveness on procedural learning in HIV+ drug users. Journal of Clinical and Experimental Neuropsychology, 35, 915 – 925. [PMID: 24079384](#), [PMCID: PMC3856247](#)
48. Vassileva J., Paxton, J., Moeller, G., Wilson, M., Martin, E.M., **Gonzalez, R.**, Vasilev, G. (2014). Heroin and amphetamine users display opposite relationships between trait and neurobehavioral dimensions of impulsivity. Addictive Behaviors, 39, 652 – 659. [PMID: 24342174](#), [PMCID: PMC3929020](#)
49. \*Schuster, R.M., Crane, N.A., Mermelstein, R., **Gonzalez, R.** (2015). Tobacco may mask poorer episodic memory among young adult cannabis users. Neuropsychology, 29, 759-766 [PMID: 25558879](#), [PMCID: PMC4492896](#).
50. \*Ross, J.M., Coxe, S., Schuster, R.M., Rojas, A., **Gonzalez, R.** (2015). The moderating effects of cannabis use and decision making on the relationship between conduct disorder and risky sexual behavior. Journal of Clinical and Experimental Neuropsychology, 37, 303-315. [PMID: 25832553](#), [PMCID: PMC4441872](#).
51. \*Crane, N.A., Schuster, R.M., Mermelstein, R.J., **Gonzalez, R.** (2015). Neuropsychological sex differences associated with age of initiated use among young adult cannabis users. Journal of Clinical and Experimental Neuropsychology, 37, 389-401 [PMID: 25832823](#), [PMCID: PMC4441859](#).
52. **Gonzalez, R.**, Schuster, R.M., Mermelstein, R., Diviak, K.R. (2015). The role of decision-making in cannabis-related problems among young adults. Drug & Alcohol Dependence, 154, 214-221. [PMID: 26199058](#), [PMCID: PMC4536096](#).
53. Martin, E., **Gonzalez, R.**, Vassileva, J., Bechara, A. (2015). Delay discounting is greater among drug users seropositive for hepatitis C but not HIV. Neuropsychology, 29, 926-932. [PMID: 25984995](#),
54. Segala, L., Vasilev, G., Raynov, I., **Gonzalez, R.**, Vassileva, J. (in press). Childhood symptoms of ADHD and impulsivity in abstinent heroin users. Journal of Dual Diagnosis.
55. Martin E., **Gonzalez, R.**, Vassileva, J., Maki, P.M., Bechara, A., Brand, M. (in press). Sex and HIV serostatus differences in decision making under risk among substance dependent individuals. Journal of Clinical and Experimental Neuropsychology.

\*Lead author is Dr. Gonzalez's trainee and/or Dr. Gonzalez is senior author.

## MANUSCRIPTS UNDER REVIEW

Wilson, M.J., Vasilev, G., Bozgunov, K., **Gonzalez, R.**, Vassileva, J. Neurocognitive and psychiatric indices of “hot” and “cool” impulsivity are differentially associated with HIV sexual risk behaviors in abstinent opiate, stimulant, and polysubstance users.

\*Lead author is Dr. Gonzalez's trainee and/or Dr. Gonzalez is senior author.

## PRESENTATIONS & ABSTRACTS (n = 99)

1. Heaton, R.K. & **Gonzalez, R.** (2000). “The Wisconsin Card Sorting Test.” *Nelson Butters' West-Coast Neuropsychology Conference*. San Diego, CA.
2. **Gonzalez, R.**, Heaton, R.K., Moore, D., Marcotte, T., Cherner, M., Grant, I., & the HNRC Group (2000). Neurocognitive impairment classifications using the CalCAP and a traditional neuropsychological battery in HIV+ men. Journal of the International Neuropsychological Society, 6(2), 232.
3. Marcotte, T. D., Heaton, R. K., **Gonzalez, R.**, Reicks, C., Grant, I., & the HNRC Group (2000). HIV-associated neurocognitive deficits impact on-road driving abilities. Journal of Neurovirology, 6(3), 268.
4. Moore, D., Dawson, L., **Gonzalez, R.**, Cherner, M., Marcotte, T., Grant, I., Heaton, R., & the HNRC Group (2000). Neuropsychological test performance in HIV+ individuals with and without pain complaints. Journal of the International Neuropsychological Society, 6(2), 232.
5. Marcotte, T.D., Heaton, R.K., Reicks, C., **Gonzalez, R.**, Grant, I., & the HNRC Group (2000). HIV-related neuropsychological impairment and automobile driving. Journal of the International Neuropsychological Society, 6(2), 233.
6. Grant, I., **Gonzalez, R.**, Carey, C., & Natarajan, L. (2001). Long-term neurocognitive consequences of marijuana: A meta-analytic study. *NIDA Workshop on Clinical Consequences of Marijuana*. Bethesda, MD.
7. **Gonzalez, R.**, Heaton, R., Moore, D., Rippeth, J., Cherner, M., Grant, I., & the HNRC Group. (2001). Lifetime history of methamphetamine dependence is associated with learning deficits. Journal of the International Neuropsychological Society, 7(2), 191.

8. Moore, D., **Gonzalez, R.**, Heaton, R., Rippeth, J., Cherner, M., Grant, I., & the HNRC Group. (2001). Cognitive complaints, neuropsychological ability and depression in HIV. Journal of the International Neuropsychological Society, 7(2), 149.
9. Schweinsburg, B.C., **Gonzalez, R.**, Taylor, M.J., Alhassoon, O.M., Ellis, R.J., McCutchan, J.A., Brown, G.G., Videen, J.S., Patterson, T.L., & Grant, I. (2001). 1H MR spectroscopy reveals NRTI associated mitochondrial impairment in HIV-infected individuals. Society for Neuroscience Abstracts, 27(2), 527.14.
10. Marcotte, T., Heaton, R., **Gonzalez, R.**, Reicks, C., Grant, I., & the HNRC Group. (2001). Assessing driving abilities in HIV-infected individuals with mild NP impairment. Journal of the International Neuropsychological Society, 7(2), 230.
11. Rippeth, J., Moore, D., **Gonzalez, R.**, Dawson, L., Marcotte, T., Heaton, R., Grant, I., & the HNRC Group. (2001). Neuropsychological effects of HIV infection and methamphetamine dependence. Journal of the International Neuropsychological Society, 7(2), 149.
12. **Gonzalez, R.**, Carey, C., Moore, D.J., Schweinsburg, B.C., Rippeth, J., Heaton, R.K., Cherner, M., Grant, I., & the HNRC Group. (2002). Effects of cannabis use on the cognitive performance of methamphetamine dependent individuals. Journal of the International Neuropsychological Society, 8(2), 287.
13. Cherner, M., Heaton, R.K., **Gonzalez, R.**, Rippeth, J., Carey, C., Grant, I., & the HNRC Group. (2002). Exposure to methamphetamine and neuropsychological functioning. Journal of the International Neuropsychological Society, 8(2), 250.
14. Carey, C., Heaton, R.K., Rippeth, J., **Gonzalez, R.**, Moore, D.J., Marcotte, T., Rivera-Mindt, M., Cherner, M., Wolfson, T., Grant, I., & the HNRC Group. (2002). Impact of comorbid disorders on the neuropsychological performance of a methamphetamine dependent sample. Journal of the International Neuropsychological Society, 8(2), 287.
15. Moore, D., Cherner, M., Masliah, E., **Gonzalez, R.**, Carey, C., Rippeth, J., Marcotte, T., Heaton, R.K., Grant, I., & the HNRC Group. (2002). Neuropsychological ability and regional neuropathology in HIV. Journal of the International Neuropsychological Society, 8(2), 187.
16. Schweinsburg, B.C., Alhassoon, O.M., Taylor, M.J., Dager, A.D., **Gonzalez, R.**, Tapert, S.F., Patterson, T.L. & Grant, I. (2002). Alcoholic females are more susceptible than males to alcohol related brain injury. Journal of the International Neuropsychological Society, 8(2), 287.
17. Carey, C., Heaton, R.K., Marcotte, T., Moore, D. J., Rippeth, J., **Gonzalez, R.**, Cherner, M., Grant, I., & the HNRC Group. (2002). Brief neuropsychological assessment for the detection of HIV-related cognitive impairment. Journal of the International Neuropsychological Society, 8(2), 251.
18. Rippeth, J., Heaton, R.K., Carey, C., Marcotte, T., Moore, D.J., **Gonzalez, R.**, & Grant, I. (2002). Effects of HIV infection and methamphetamine on specific cognitive domains. Journal of the International Neuropsychological Society, 8(2), 188.
19. **Gonzalez, R.**, Carey, C., Natarajan, L., Wolfson, T., and Grant, I. (2003). Non-acute effects of cannabis on cognitive abilities: Comparing methods of research synthesis. Journal of the International Neuropsychological Society, 9(2), 200.
20. Schweinsburg, B.C., **Gonzalez, R.**, Taylor, M.J., Alhassoon, O.M., Cherner, M., Brown, G.G., Grant, I. & the HNRC Group. (2003). Age-related cerebral changes in abstinent methamphetamine users. Journal of the International Neuropsychological Society, 9(2), 200.
21. Carey, C., Rippeth, J., Heaton, R.K., **Gonzalez, R.**, Moore, D. J., Gongvatana, A., Marquie Beck, J., Grant, I., & the HNRC Group. (2003). Effects of methamphetamine dependence and HIV disease stage on neuropsychological performance. Journal of the International Neuropsychological Society, 9(2), 163.
22. Moore, D.J., Cherner, M., Masliah, E., **Gonzalez, R.**, Carey, C., Gongvatana, A., Marcotte, T.D., Heaton, R.K., Grant, I., & the HNRC Group. (2003). Neuropsychological impairment predicts multi-region HIV-related neurodegeneration. Journal of the International Neuropsychological Society, 9(2), 286.
23. Gongvatana, A., Marcotte, T., Taylor, M., **Gonzalez, R.**, Moore, D., Carey, C., Miller, W., Grant, I., Heaton, R., and the HNRC Group. (2003). Use of ethnicity-corrected norms in assessing African-American and White HIV-infected men. Journal of the International Neuropsychological Society, 9(2), 161.
24. **Gonzalez, R.** (2004). A monolingual Spanish-speaker with a movement disorder: Challenges in neuropsychological assessment, interpretation, and feedback. *Department of Psychiatry Grand Rounds: University of Illinois Chicago*. Chicago, IL.
25. **Gonzalez, R.**, Heaton, R.K., Miller, W.A., Taylor, M.J., Jeringan, T., Archibald, S.L., Norman M.A., Carey, C.L., Schweinsburg, B.C., Rippeth, J.D., Woods, S.P., Lazareto, D., Grant, I. (2004). Measuring HIV and methamphetamine related cognitive impairments using modified scoring guidelines for the PASAT. *Symposium: Advances in the Cognitive Neuropsychology of HIV-1 Infection*. International Neuropsychological Society: 32<sup>nd</sup> Annual Meeting. Baltimore, Maryland.
26. **Gonzalez, R.**, Vassileva, J., Pitrak, D., Novak, R.M., Nunnally, G., Rains, N.A., Bechara, A., Martin E.M. (2004). Sensation-seeking and executive functions correlate with risk-behaviors of HIV+ and HIV- poly-drug users. International Neuropsychological Society: 32<sup>nd</sup> Annual Meeting Program & Abstracts, 19 – 20.
27. Vassileva, J., **Gonzalez, R.**, Pitrak, D., Novak, R. M., Nunnally, G., Rains, N. A. Bechara, A. & Martin, E. M. (2004). Profiles of executive dysfunction differ according to drug abuse severity and antisociality. International Neuropsychological Society: 32<sup>nd</sup> Annual Meeting Program & Abstracts, 179.

28. **Gonzalez, R.**, Jacobus, J., Bechara, A., Pitrak, D.L., Nunnally, G., Novak, R.M., Martin, E.M. (2005). Factors affecting gambling task performance among substance dependent individuals with HIV. International Neuropsychological Society: 33<sup>rd</sup> Annual Meeting Program & Abstracts, 182.
29. **Gonzalez, R.**, Jacobus, J., Martin, E.M. (2006). Procedural memory and decision-making among HIV+ and HIV- individuals with substance dependence: Preliminary data. NIDA Research Training Institute: Bethesda, Maryland.
30. **Gonzalez, R.**, Jacobus, J., Martin, E.M. (2006). HIV and severity of substance use have interactive effects on procedural learning. NIDA Early Career Investigator Poster Session: 114<sup>th</sup> Convention of the American Psychological Association: New Orleans, LA.
31. **Gonzalez, R.** (2006). Marijuana: Cannabinoids and neurocognitive functioning. *Behavioral Neurosciences Seminar: University of Illinois Chicago Medical Center*. Chicago, IL.
32. \*Jacobus, J., **Gonzalez, R.**, O'Neill, J.R., Kohnke, M.L., Sworowski, L., Martin, E.M. (2006). Ecstasy use is associated with prospective memory deficits. International Neuropsychological Society: 34<sup>th</sup> Annual Meeting Program & Abstracts, 207.
33. Richardson, J., Nowicki, M., Danley, K., Martin, E., Cohen, M., **Gonzalez, R.**, Vassileva, J., Levine, A. (2006). Neurocognitive function and hepatitis C disease: The Women's Interagency HIV Study. International Neuropsychological Society: 34<sup>th</sup> Annual Meeting Program & Abstracts, 58.
34. **Gonzalez, R.** (2007). Cannabis use, addiction, and neurocognitive functioning. *Grand Rounds, Chicago-Read Mental Health Center*. Chicago, IL.
35. **Gonzalez, R.**, Jacobus, J., Rodriguez, J.W., Fakhoury, E.H., Martin, E.M. (2007). Nondeclarative memory among HIV+ and HIV- individuals with substance dependence. *Symposium on HIV and Memory*. International Neuropsychological Society 35<sup>th</sup> Annual Meeting: Portland, OR.
36. **Gonzalez, R.**, Jacobus, J., Vassileva, J., Martin, E.M. (2007). Effects of cannabis dependence and HIV on procedural learning performance. NIDA Early Career Investigator Poster Session: 115<sup>th</sup> Convention of the American Psychological Association: San Francisco, CA.
37. **Gonzalez, R.** (2007). Pot head: The effects of cannabis and cannabinoids on brain functioning. *Neurology Grand Rounds: Rush-Presbyterian Medical Center*. Chicago, IL.
38. **Gonzalez, R.** (2008). Substance use and addiction: A neurocognitive perspective. *Department of Neurology Grand Rounds, University of Illinois Chicago*. Chicago, IL.
39. Vassileva, J., **Gonzalez, R.**, Martin, E. M. (2008). Impaired decision-making in antisocial MDMA users. International Neuropsychological Society: 36<sup>th</sup> Annual Meeting Programs & Abstracts.
40. \*Quartana, P.J., **Gonzalez, R.**, Vassileva, J., & Martin, E.M. (2008). Cognitive reserve, viral load, and information processing speed among HIV+ substance dependent individuals. International Neuropsychological Society: 36<sup>th</sup> Annual Meeting Programs & Abstracts.
41. **Gonzalez, R.** (2009). Substance use disorders and neurocognitive functioning. *Grand Rounds, Tinley Park Mental Health Center*. Tinley Park, IL.
42. **Gonzalez, R.** (2009). Neuropsychological correlates of cannabis use & addiction. *Addictions Research Seminar: University of California San Diego*. San Diego, CA.
43. **Gonzalez, R.** (2009). HIV, cannabis use, and neuropsychological functioning. *Emerging Issues in NeuroAIDS Research*. San Diego, CA.
44. **Gonzalez, R.** (2009). Stoned out of your mind?: Cannabis effects on neuropsychological functioning. *Department of Psychology Research Colloquium: Florida International University*. Miami, FL.
45. **Gonzalez, R.** (2009). Neuropsychological correlates of marijuana use and addiction. *Department of Behavioral Sciences Research Colloquium: Rush-Presbyterian Medical Center*. Chicago, IL.
46. **Gonzalez, R.**, Vassileva, J., Martin-Thormeyer, E.M. (2009). Neurocognitive disinhibition and cannabis addiction: A pilot study. International Neuropsychological Society: 37<sup>th</sup> Annual Meeting Programs & Abstracts. 32.
47. \*Wardle, M., **Gonzalez, R.**, Bechara, A., Martin-Thormeyer, E.M. (2009). Neurocognitive functioning and depression interact to predict risky sexual behaviors in HIV+ substance dependent individuals. International Neuropsychological Society: 37<sup>th</sup> Annual Meeting Programs & Abstracts. 27.
48. Vassileva, J.L., Martin-Thormeyer, E.M., Georgiev, S., Petkova, P., Segala L., **Gonzalez, R.**, Reycheva, M., Velinov, V. (2009). Psychopathic heroin addicts are not uniformly impaired across neurocognitive impulsivity domains. Society for Neuroscience, 2009: 2009 Neuroscience Meeting Planner. Program No. 348.12/V7. (Online).
49. \*Martin, L.M., **Gonzalez, R.**, Martin-Thormeyer, E.M. (2009). The influence of cognitive deficits, antisocial behavior, and substance dependence on antiretroviral adherence in HIV+ drug users. *University of Illinois Chicago, College of Medicine Research Forum*.
50. **Gonzalez, R.** (2010). Your brain on drugs: Neuropsychological consequences of substance use and addiction. *Grand Rounds, Chicago-Read Mental Health Center*, Chicago, IL.
51. \*Schuster, R. M., Colvin, P., Labuschagne, Z., Pagkas-Bather, J., Diviak, K.R., Mermelstein, R., Vassileva, J., **Gonzalez, R.** (2010). Neurocognitive disinhibition and risky sexual behavior among emerging adults with and without cannabis use. International Neuropsychological Society 38<sup>th</sup> Annual Meeting.
52. Martin-Thormeyer, E.M., Vassileva, J., Martin, L., **Gonzalez, R.** (2010). Possible additive effects of HIV and drug use on impaired response inhibition. International Neuropsychological Society 38<sup>th</sup> Annual Meeting.



53. \*Martin, L.M., **Gonzalez, R.**, Martin-Thormeyer, E.M. (2010). Deficits in response inhibition are associated with to poor medication adherence among HIV+ drug users. International Neuropsychological Society 38<sup>th</sup> Annual Meeting.
54. **Gonzalez, R.**, Schuster, R.M., Diviak, K.R., Vassileva, J., Martin-Thormeyer, E.M., Mermelstein, R. (2010). Cannabis use, risky decision making, and its negative consequences among young adults. International Neuropsychological Society 38<sup>th</sup> Annual Meeting.
55. \*Pagkas-Bather, J., Schuster, R.M., Labuschagne, Z., Colvin, P., Martin-Thormeyer, E.M., **Gonzalez, R.** (2010). Cannabis use and sexual risk behaviors among adolescents and young adults. Society of Teachers of Family Medicine 43<sup>rd</sup> Annual Conference.
56. Segala, L., Vasilev, G., Raynov, I., Martin, E., **Gonzalez, R.**, Vassileva, J. (2010). The role of ADHD in decision-making and psychomotor impulsivity in heroin addicts. 2010 Midwestern Neuropsychology Conference.
57. Segala, L., Vasilev, G., Raynov, I., Martin, E., **Gonzalez, R.**, Vassileva, J. (2010). Effects of ADHD on neurocognitive impulsivity in heroin addicts. 2010 International Neuropsychological Society Mid-Year Meeting.
58. **Gonzalez, R.** (2011). Neurobehavioral correlates of substance use and addiction. *Grand Rounds, Madden Mental Health Center, Hines, IL.*
59. **Gonzalez, R.**, Schuster, R.M., Reina, R. (2011). Co-factors contributing to declarative memory and decision-making among young cannabis users. International Neuropsychological Society 39<sup>th</sup> Annual Meeting.
60. \*Schuster, R., Colvin, P., **Gonzalez, R.** (2011). Compensatory effects of nicotine on declarative memory among recent cannabis and nicotine using young adults. International Neuropsychological Society 39<sup>th</sup> Annual Meeting.
61. **Gonzalez, R.**, Schuster, R.M., Salija, I. (2011). Inhibitory control in young cannabis users: relationships with cannabis use and symptoms of cannabis addiction. 21<sup>st</sup> Annual Symposium of the International Cannabinoid Research Society. [oral presentation]
62. **Gonzalez, R.** (2012). Neurobehavioral correlates of cannabis use and abuse in young adults. *Behavioral Neurosciences Seminar: University of Illinois Chicago Medical Center.* Chicago, IL.
63. **Gonzalez, R.** (2012). Cannabis, addiction, and neurocognition. *Community Based Intervention Research Group: Florida International University.* Miami, FL.
64. **Gonzalez, R.**, Schuster, R.M., Crane, N., Vassileva, J., Martin, E.M. (2012). Decision-making performance influences the relationship between amount of cannabis use and its negative consequences. International Neuropsychological Society 40<sup>th</sup> Annual Meeting.
65. **Gonzalez, R.**, Schuster, R.M., Crane, N., Martin, E.M., Vassileva, J. (2012). Decision-making influences the relationship between cannabis harm perception and negative consequences reported from its use: Preliminary findings. International Neuropsychological Society 40<sup>th</sup> Annual Meeting.
66. Paxton, J., Vassileva, J., **Gonzalez, R.**, Maki, P.M., Martin, E.M. (2012). Neurocognitive performance in drug dependent males and females with PTSD symptoms. International Neuropsychological Society 40<sup>th</sup> Annual Meeting.
67. Paxton, J., Vasilev, G., Bozgunov, K., Raynov, I., Nasled-Nikova, R., Martin, E.M., **Gonzalez, R.**, Vassileva, J. (2012). Amphetamine dependence is associated with greater impairment in neurocognitive aspects of impulsivity than heroin dependence. International Neuropsychological Society 40<sup>th</sup> Annual Meeting.
68. Vassileva, J., Paxton, K., Bozgunov, I., Raynov, R., Nasled-Nikova, R., Segala, L., Moeller E., Martin, E.M., **Gonzalez, R.**, Vasilev, G. (2012). Neurocognitive impulsivity in abstinent heroin and amphetamine users. . International Neuropsychological Society 40<sup>th</sup> Annual Meeting.
69. Martin, E.M., **Gonzalez, R.**, Vassileva, J. (2012). Delay discounting is impaired with hepatitis C but not HIV. International Neuropsychological Society 40<sup>th</sup> Annual Meeting.
70. Vassileva, J., Ahn, W., Weber, K., Busemeyer, J., Martin E.M., **Gonzalez, R.**, Stout, J., Cohen, M. (2012). Cognitive modeling analysis reveals distinct effects of HIV and drug use on decision-making processes in women. International Neuropsychological Society 40<sup>th</sup> Annual Meeting.
71. Wilson, M.J., **Gonzalez, R.**, Vassileva, J., Ladd, L., Martin, E.M. (2012). Effects of antiretroviral CNS penetration on procedural learning task performance in HIV+ drug users. International Neuropsychological Society 40<sup>th</sup> Annual Meeting.
72. \*Schuster, R.M., Crane, N., Mermelstein, R., **Gonzalez, R.** (2012). A nuanced assessment of cannabis use and risky sexual behaviors. 33<sup>rd</sup> Annual Meeting of the Society of Behavioral Medicine.
73. \*Crane, N.A., Schuster, R.M., **Gonzalez, R.** (2012). Examining neurocognitive sex differences in young adult cannabis users. College on Problems of Drug Dependence, 74<sup>th</sup> Annual Meeting. [Recipient of NIDA Women and Sex/Gender Junior Investigator Travel Award]
74. \*Schuster, R.M., Crane, N., **Gonzalez, R.** (2012). Neurocognitive correlates of risky sexual behavior among young adult cannabis users. College on Problems of Drug Dependence, 74<sup>th</sup> Annual Meeting.
75. Swanson, J. (chair), Pelham, W., Robbins, T., Sahakian, B., McCracken, J., Visser, S., Merikangas, K., **Gonzalez, R.**, Waxmonsky J., Wigal, T., Lerner, M., Compton, W. Medical and non-medical use of stimulant drugs for cognitive enhancement (2013). *Study Group at American College of Neuropsychopharmacology 52<sup>nd</sup> Annual Meeting.* Hollywood, FL.
76. **Gonzalez, R.** (2013). Neurocognitive disinhibition and cannabis addiction: Results and ruminations on the road from K to R. *NIDA DCNBR Seminar Series, National Institute on Drug Abuse, Bethesda, MD.*

77. **Gonzalez, R.** (2013). "The changing marijuana legal landscape: Implications for neurocognition and behavior in youth." Brown Bag Series, Center for Children and Families, Florida International University, Miami, FL.
78. **Gonzalez, R.** (2013). Cannabis use and neurocognitive functioning: implications for persons living with HIV. *Herbert Wertheim College of Medicine, Department of Immunology Distinguished Lecture Series*. Florida International University, Miami, FL.
79. Segala, L., Bozgunov, K., Naslednikova, R., Raynov, I., **Gonzalez, R.**, & Vassileva, J. (2013). Differential effects of ADHD on neurocognitive impulsivity in opiate and stimulant users. 41<sup>st</sup> annual meeting of the International Neuropsychological Society.
80. \*Schuster, R. M., Mermelstein, R., & **Gonzalez, R.** (2013). Interactions between cannabis and tobacco use on episodic memory among young adult cannabis users. 41<sup>st</sup> annual meeting of the International Neuropsychological Society.
81. \*Crane, N.A., Schuster, R. M., & **Gonzalez, R.** (2013). Sex differences in associations between amount of cannabis use and neuropsychological performance. 41<sup>st</sup> annual meeting of the International Neuropsychological Society.
82. Segala, L., Vasilev, G., Bozgunov, K., Naslednikova, R., Raynov, I., Gonzalez, R., Vassileva, J. (2013). ADHD assessed with self-report does not predict neurocognitive performance in abstinent opiate and amphetamine users. National Academy of Neuropsychology, 33<sup>rd</sup> Annual Conference.
83. \*Crane, N.A., Schuster, R.M., & **Gonzalez, R.** (2013). Sex differences in associations between age of initiated cannabis use and neuropsychological performance. Oral Presentation at the 75<sup>th</sup> Annual Meeting of the College on Problems of Drug Dependence. [Recipient of NIDA Women and Sex/Gender Junior Investigator Travel Award.]
84. Thames, A., **Gonzalez, R.**, Padula, C., Paltzer, J., Saez, P., & Touradji, P. (2013). Establishing a successful mentee-mentor relationship: words from the wise. 2013 American Psychological Association Annual Convention.
85. **Gonzalez, R.**, Schuster, R.M., Crane, N.A. (2013). The impact of decision-making performance and ADHD symptoms on cannabis-related problems among emerging adults. Oral presentation at the 23<sup>rd</sup> Symposium of the International Cannabinoid Research Society. Vancouver, B.C.
86. Martin, E., **Gonzalez, R.**, Vassileva, J. (2013). Effects of HIV serostatus and comorbid drug dependence on neurocognition. 12<sup>th</sup> International Symposium on NeuroVirology. *Journal of Neurovirology*, 19, S53 – S54.
87. **Gonzalez, R.** (2014). Sifting through the smoke: Uncovering the impact of marijuana use on neurocognition. *Chair of invited symposium at the 42<sup>nd</sup> Annual Meeting of the International Neuropsychological Society*. Seattle, WA.
88. \*Crane, N.A., Schuster, R.M., Mermelstein, R.J., **Gonzalez, R.** (2014). Neuropsychological & Affective Sex Differences in Cannabis Users. *Symposia presented at the American Psychological Association Annual Convention, Washington, DC, August 7-10*.
89. \*Schuster, R. M., Mermelstein, R., & **Gonzalez, R.** (2014). Assessment of working memory functioning via ecological momentary assessment in the context of simultaneous cannabis and tobacco use. 42<sup>nd</sup> annual meeting of the International Neuropsychological Society.
90. \*Ross, J.M., Coxe, S., Schuster, R.M., & **Gonzalez, R.** (2014). Decision-making, conduct disorder symptoms, and level of cannabis use interact to predict number of sexual partners. 42<sup>nd</sup> annual meeting of the International Neuropsychological Society.
91. **Gonzalez, R.** & Schuster, R.M. (2014). Decision-making as a moderator of cannabis use and consequences from use. Oral presentation for invited symposium at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society.
92. \*Crane, N.A., Schuster, R.M., Mermelstein, R.J., & **Gonzalez, R.** (2014). Neuropsychological & affective sex differences in cannabis users. Invited symposium presentation at the 2014 American Psychological Association Annual Convention.
93. Martin, E., **Gonzalez, R.**, Vassileva, J., Maki, P., Bechara, A., & Brand, M. (2014). Sex and HIV serostatus effects on high risk decision-making. 76<sup>th</sup> Annual Meeting of the College on Problems of Drug Dependence.
94. Weiss, S., Swanson, J., Evins, A.E., DeLisi, L, Meier, M., **Gonzalez, R.**, Bloomfield, M., Curran, H.V. (2014). Proponents and opponents of legalization of marijuana: evidence of benefits and costs in three areas (psychosis, cognition, and motivation). *Neuropsychopharmacology*, 39, S24-S25.
95. Keutmann, M., **Gonzalez, R.**, Vassileva, J., Maki, P., Franco, C., Chen, S., Ladd, L., Martin, E. (2015). Sex differences in visuospatial memory impairment among HIV+ drug users. 43<sup>rd</sup> Annual Meeting of the International Neuropsychological Society.
96. Martin, E.M., **Gonzalez, R.**, Vassileva, J., Franco, J., Chen, S., Keutmann, M., Ladd, L., Maki, P.M. (2015). Verbal memory is impaired among HIV+ female, but not HIV+ male cocaine users. 77<sup>th</sup> Annual Meeting of the College on Problems of Drug Dependence.
97. \*Duperrouzel, J.C. & **Gonzalez, R.** (2015). Relationship between changes in cannabis use and anxiety among adolescents. 77<sup>th</sup> Annual Meeting of the College on Problems of Drug Dependence.
98. \*Ross, J.M, Graziano, P., Duperrouzel, J.C., Gonzalez, I., **Gonzalez, R.** (2015). Moderating effects of decision-making on cannabis use and body mass index among adolescents. 77<sup>th</sup> Annual Meeting of the College on Problems of Drug Dependence.
99. **Gonzalez R.**, Copeland J., Yurcel, M. (2015). Of brains and bong: the neuropsychology of cannabis use disorders and their treatment. 5<sup>th</sup> INS/ASSBI Pacific Rim Conference: Sydney, Australia.

\*Lead author is Dr. Gonzalez's trainee and/or Dr. Gonzalez is senior author.

## TEACHING & MENTORSHIP

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### Mentor on Funded Training Grants

- K01 DA037819 R. Gonzalez (Co-Sponsor) May 2014 – April 2019  
 “Impact of HIV and cannabis on brain function: Regions, networks, and the connectome.”  
 PI: Matthew Sutherland, Department of Psychology, Florida International University
- F31 DA038388 R. Gonzalez (Mentor/Consultant) August 2014 – August 2017  
 “Neurocognitive, affective, and psychosocial correlates of adolescent substance use.”  
 PI: Natania Crane, Department of Psychology, University of Illinois Chicago
- F31 DA032244 R. Gonzalez (Co-Sponsor) July 2011 – July 2014  
 “A situational examination of neurocognition and affect with simultaneous  
 cannabis and tobacco use”  
 PI: Randi Schuster, Department of Psychology, University of Illinois Chicago

### Guest Lectures at University Courses, Seminars, & Workshops

- 2006 Neuropsychology of Substance Use Lecture: UIC Psychology Graduate Program  
 Brown Bag Seminar
- 2009 THC & Cannabinoid Receptors: Seminar in Biopsychology, Drug Addiction; UIC Dept. of  
 Psychology
- 2007 – 2009 “Addiction,” Brain & Behavior Course; UIC School of Medicine
- 2011 Neuropsychology of Cannabis Use and Addiction: UIC Psychology Graduate  
 Program Brown Bag Seminar
- 2011 “Substance Use Disorders,” UIC Psychiatry Resident Cog Neurosci Seminar
- 2004 – 2012 “Left-hemisphere Syndromes,” Applied Neuropsychology seminar at UIC
- 2004 – 2012 “Frontal Lobes” Neuroanatomy Review seminar at UIC
- 2012 “Substance Use Disorders,” Applied Neuropsychology seminar at UIC
- 2012, Fall “Biomarkers and Neuroscience,” CLP5470 Evidence Based Treatment I, FIU
- 2012, Fall “Substance Use as a Developmental Disorder,” PSY5939, Special Topics: Developmental and  
 Learning Disorders, FIU
- 2014, Spring “Introduction to Neuropsychological Assessment for Social Work,” SOW5379 Interviewing Skills,  
 FIU
- 2013 - P “Substance Use Disorders,” CLP5483 Evidence Based Treatment II, FIU
- 2014 - P “Basics of Neuropsychological Assessment and its Applications in Medical Settings,” BMS6636  
 Nervous System: Brain and Behavior, FIU

### Courses Taught

- 2014, Spring PSY 5939 – U11 Special Topics in Psychology, Clinical Neuropsychology, FIU

### Clinical Supervision

- 2006 – 2008 Neuropsychology Clinical Supervisor, Neuropsychology Service, UIC
- 2012 – P Director, Substance Use and HIV Neuropsychology Laboratory, FIU

### Undergraduate Students (Research Supervision)

- 2009 – 2010 Zandre Labuschagne, Psychology, University of Illinois Chicago
- 2010 Scott Sherman, Indiana University
- 2010 – 2011 Maddy Nudelman, Psychology, University of Illinois Chicago
- 2010 – 2011 Inga Salija, Neuroscience, University of Illinois Chicago
- 2010 – 2011 Regina Reina, Neuroscience, University of Illinois Chicago
- 2012 – 2014 Caludine Hernandez, Psychology, Florida International University
- 2013 – 2014 Jalesa Menzie, Psychology, Florida International University
- 2013 – 2014 Elizabeth Rodriguez, Psychology, Florida International University
- 2013 – 2014 Karen Granja, Psychology, Florida International University

2014 – 2015	Maryanne Vaca, Pre-Med, Florida International University
2012 – P	Ingrid Gonzalez, Statistics, Florida International University
2014 – P	Ifrah Waheed, Pre-Med, Florida International University
2014 – P	William Pulido, Pre-Med, Florida International University
2014 – P	Keylanni J. Alvarez, Psychology, Florida International University
2015 – P	Julia Schwarz, Psychology, Florida International University

#### PhD Students, Master's Students, and Post-doctoral Fellows (Clinical Supervision)

2006 – 2007	Jeff Kazmierczak, PhD Student, Roosevelt College
2006 – 2007	Moira Dux, Graduate PhD, Rosalind Franklin
2006 – 2007	Dalin Pulsipher, PhD Student, Rosalind Franklin
2006 – 2008	Lauren Schwarz, PhD Fellow, University of Illinois Chicago
2006 – 2008	Alona Ramati, Postdoctoral Fellow, University of Illinois Chicago
2007 – 2008	Caitlyn Sparks, PhD Student, Loyola University
2007 – 2008	Michelle Kramer, PhD Student, Adler Professional School
2007 – 2008	Jennifer Veilleux, PhD Student, University of Illinois Chicago
2008	Martin Kim, PhD Student, Illinois Institute of Technology
2008	Elizabeth Geary, Postdoctoral Fellow, University of Illinois Chicago
2013 – 2014	Kathleen Ortuno, Counseling Master's Student, Florida International University
2013 – 2014	Linda Bustos, Counseling Master's Student, Florida International University
2013 – 2014	Erin Hedemann, Clinical Psychology PhD Student, FIU
2014 – 2015	Natalia Guzman, Counseling Master's Student, Florida International University
2014 – 2015	Giovanna Basmagi, Counseling Master's Student, Florida International University
2014 – 2015	Jessica Jaramillo, Counseling Master's Student, Florida International University
2014 – 2015	Kayla Pickarski, Counseling Master's Student, Florida International University

#### PhD Students, PhD Candidates, & Medical Students (Research Supervision)

2006 – 2007	Jason Rodriguez, Medical Student, University of Illinois Chicago
2006 – 2007	Evelyn Fakhouri, Medical Student, University of Illinois Chicago
2007 – 2008	Kara Bagot, Medical Student, University of Illinois Chicago
2007 – 2008	Oliver Chang, Medical Student, University of Illinois Chicago
2007 – 2008	Phillip Quartana, Clinical Psychology Intern, University of Illinois Chicago
2008	Brian Wolf, Medical Student, University of Illinois Chicago
2008 – 2009	Margaret Wardle, Clinical Psychology Intern, University of Illinois Chicago
2008 – 2009	Erin Scheidenmantel, Medical Student, University of Illinois Chicago
2009	Katherine Shannon, Clinical Psychology Intern, University of Illinois Chicago
2009 – 2010	Lindsay Martin, Medical Student, University of Illinois Chicago
2009 – 2010	Jade Pagkas-Bather, Medical Student, University of Illinois Chicago
2010	Tina Dehghan, Medical Student, University of Illinois Chicago <i>Jeanne Spurlock Minority Medical Student Fellowship in Substance Abuse and Addiction (supported by NIDA via AACAP)</i>
2009 – 2011	Peter Colvin, Clinical Psychology PhD Student, University of Illinois Chicago
2009 – 2013	Randi Schuster, Clinical Psychology PhD Student, University of Illinois Chicago
2011 – 2013	Natania Crane, Clinical Psychology PhD Student, University of Illinois Chicago
2013 – P	J. Megan Ross, Clinical Psychology PhD Student, FIU
2014 – P	Jacqueline Deuperouzel, Clinical Psychology PhD Student, FIU
2015 – P	Ileana Pacheco-Colon, Clinical Psychology PhD Student, FIU

#### Preliminary Exam Committees

2010	Vanessa Meyer	Neuroscience PhD Program, University of Illinois Chicago
2011	Randi M. Schuster	Clinical Psychology PhD Program, University of Illinois, Chicago

#### Master's Thesis Committees

2009	Peter J. Colvin	Department of Psychology, University of Illinois Chicago "Adolescents' acute emotional responses following smoking: Examining the role of expectancies."
2010	Randi M. Schuster	Department of Psychology, University of Illinois Chicago "Parenting practices as potential moderators of the links between depression, substance use and risky sexual behavior among adolescents."
2012	Natania Crane	Department of Psychology, University of Illinois Chicago "Examining neurocognitive sex differences in young adult cannabis users."
2012	J. Megan Ross	Department of Psychology, University of Illinois Chicago

"The moderating effects of cannabis use and decision-making on the relationship between conduct disorder symptoms and risky sexual behavior."

### Dissertation Committees

2008	Justin Greenstein	Department of Psychology, University of Illinois Chicago	"The effects of smoking and smoking abstinence on working memory performance."
2008	Margaret Wardle	Department of Psychology, University of Illinois Chicago	"Alcohol, emotions, and judgment."
2009	Daniel P. Evatt	Department of Psychology, University of Illinois Chicago	"Effects of smoking on affect in adolescent smokers: The influence of attention and arousal."
2011	Peter J. Colvin	Department of Psychology, University of Illinois Chicago	"Patterns of anxiety, stress, and substance use during adolescence."
2011	Adrienne Heinz	Department of Psychology, University of Illinois Chicago	"The combined effects of alcohol and caffeine on judgments of personal agency, impulsivity, and risk taking behavior."
2012	Ashley Braun	Department of Psychology, University of Illinois Chicago	"A multi-definitional investigation of binge drinking's effects on executive function, delay discounting, and mood."
2012	Katie-Lee Elliott	School of Psychology, University of Western Australia	"Decision-making in individuals with acquired brain injury and its relationship to psychosocial functioning." (served as Thesis Marker).
2013	Randy M. Schuster	Department of Psychology, University of Illinois Chicago	"A situational examination of neurocognitive with simultaneous cannabis and tobacco use."
2013	Ryan Hill	Department of Psychology, Florida International University	"The development, open trial, and pilot randomized trial of a novel computer-based intervention to reduce perceived burdensomeness among adolescents."
2014	Natalia Shtompel	School of Social Work, Florida International University	"Home-based dyadic cognitive training for healthy older couples: A randomized controlled trial."
2014	Dainelys Garcia	Department of Psychology, Florida International University	"Parent-child interaction therapy as a family-focused approach for young children with traumatic brain injury."
2015	Kelly Gough	School of Psychology, University of Western Australia	"Neuropsychological, mood and demographic predictors of substance dependency treatment completion and outcomes." (served as Thesis Marker).
2015	Natania Crane	Department of Psychology, University of Illinois at Chicago	"Neurocognitive, affective, and psychosocial correlates of adolescent substance use."

### *SERVICE TO THE UNIVERSITY*

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2007 – 2008	Information Technology Steering Committee, Dept. of Psychiatry, UIC
2008 – 2011	UIC Clinical Psychology Predoctoral Internship Website Development Committee
2006 – 2012	UIC Clinical Psychology Predoctoral Internship Training Committee
2011 – 2012	College of Medicine Representative, University of Illinois at Chicago Faculty Senate
2011 – 2012	UIC OVCR Campus Research Board, Clinical Sciences Subcommittee
2012 – 2013	Research Centers in Minority Institutions (RCMI) Planning Committee, FIU
2013 – 2014	Chair, Cognitive Neuroscience Area Faculty Search Committee, Dept. of Psychology, FIU
2014	Panelist, "Publishing in peer-reviewed journals," SISH Faculty Mentor Program
2014	Panelist, "Applying for grants," FIU Dept. of Psychology Professional Development Series
2014	Assistant Prof. of Immunology Search Committee, Dept. of Immunology, FIU HWSOM
2014	McNair Fellowship Reviewer
2014	Panelist, "Careers in Cognitive Neuroscience," FIU Undergraduate Conference
2014 – 2015	Chair, Cognitive Neuroscience Area Faculty Search Committee, Dept. of Psychology, FIU
2012 – P	Cognitive Neuroscience Initiative Committee, School of Integrated Science and Humanity (SISH), Florida International University (FIU)
2012 – P	Cognitive Neuroscience Specialty Area Committee, Dept. of Psychology, FIU
2012 – P	Clinical Science Program Committee, Dept. of Psychology, FIU
2013 – P	Advisory Committee, Dept. of Psychology, FIU
2013 – P	Chair, Center for Children and Families (CCF) Research Resources Committee
2013 – P	Chair, Clinical Science Area, Internship Committee, Dept. of Psychology, FIU
2013 – P	Mentor, FIU Faculty Mentor Program, SISH, FIU

***SERVICE TO THE PROFESSION***


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2007	International Neuropsychological Society Mid-Year Meeting Program Committee
2008	International Neuropsychological Society Annual Meeting Program Committee
2004,'06,'10	American Psychological Association Division 40 Ethnic Minority Affairs Mentor at the 32 <sup>nd</sup> Annual Meeting of the International Neuropsychological Society
2006 – 2012	Continuing Education Committee of the International Neuropsychological Society
2011 – 2013	National Academy of Neuropsychology Conference Program Committee
2011 – 2014	American Psychological Association, Division 40 Program Committee
2012 – 2015	Member, American Psychological Association – Division 40 Public Interest Advisory Committee Ethnic Minority Affairs Subcommittee
2013 – 2015	Mentor, APA – Div40 Ethnic Minority Affairs Subcommittee Mentorship Program
2012 – P	Director of Continuing Education, International Neuropsychological Society

**NIH Grant Reviews:**

2012/11	F02A, Fellowships: Behavioral Neuroscience
2013/1	AARR-C, Member Conflict: AIDS and AIDS Related Research
2013/3	F02A, Fellowships: Behavioral Neuroscience
2013/3	AARR-G, B/START R03: AIDS and AIDS Related Research
2013/10	AARR-F, B/START R03: AIDS and AIDS Related Research
2013/12	ZDA1 SXC-E, CEBRA: Cutting-Edge Basic Research Awards (R21)
2014/10	ZRG1 RPHB-W, Member Conflict: Psychosocial Development and Behavioral Medicine
2015/05	ZRG1 BBBP-Y, Member Conflict: Biobehavioral Regulation, Learning, and Ethology

**Other Grant Reviews:**

2009	Medical Research Council, Clinician Scientist Fellowships, United Kingdom
2010	Wellcome Trust, United Kingdom
2010	Clinical Infectious Disease Research Initiative, Entry Level Research Award University of Capetown, South Africa
2011	HIV Neurobehavioral Research Center Developmental Grant Review University of California, San Diego, USA
2012	United States-Israel Binational Science Foundation Jerusalem, Israel
2012	Faculty Research Support Program Florida International University, Miami, FL, USA
2012 – 2014	HIV Neurobehavioral Research Program Development Grant Review University of California, San Diego, USA

**Journal Editorial Boards:**

2011 – 2014	Journal of the International Neuropsychological Society
2013 – 2015	Archives of Clinical Neuropsychology
2013 – P	Neuropsychology

**Ad hoc Journal Reviewer:**

Addiction	J of Abnormal Child Psychology
American Journal on Addictions	J of Clinical and Experimental Neuropsychology
American Journal of Drug and Alcohol Abuse	J of Neuropsychiatry and Clinical Neurosciences
AIDS and Behavior	J of Psychopharmacology
Archives of Clinical Neuropsychology	J of Studies on Alcohol and Drugs
Clinical Psychology Review	Lancet Psychiatry
The Clinical Neuropsychologist	Neurocase
Drug and Alcohol Dependence	Neuropsychology Review
Experimental and Clinical Psychopharmacology	Pharmacopsychiatry
Frontiers in Psychology	PLoS ONE
Int. J of Neuropsychopharmacology	Proceedings of the National Academy of Sciences

Psychiatry Research  
Psychological Medicine

Psychoneuroendocrinology  
Psychopharmacology

### ***SERVICE TO THE COMMUNITY***

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- 2013 Community Presentation (5/23/2013). Gonzalez, R. "My brain made me do it" A brief introduction to the neurobiology of risky behavior and the implications for teen drug use and risky sex." *Miami-Dade United Way Annual Symposium*. Miami, FL.
- 2014 Community Presentation (10/9/2014). Gonzalez, R., Ross, J.M., Paula, D. "Risky business: Teen risk-taking, marijuana use, and the brain" *MDCPS TRUST Councilor Drug Prevention and Community Services Program*. Barbara Goleman Senior High School, Hialeah, FL.
- 2014 Community Presentations (10/28, 10/29, 10/31/2014). Gonzalez, R., Ross, J.M., Paula, D. "*The grass and the weeds: Science and facts about marijuana – the things we know and the things we don't know.*" Southwest Miami Senior High School, Miami, FL.
- 2015 Community Presentation (8/14/2015). Gonzalez, R. "The impact of cannabis use on the neurocognitive functioning of individuals with HIV/AIDS." Miami-Dade HIV/AIDS Partnership, Miami, FL.
- 2015 Community Presentation (11/9/15). Gonzalez, R. Cannabis use and neuropsychological functioning: Current science and its clinical implications. Niklaus Children's Hospital, Miami, FL.

### ***PRESS & MEDIA***

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- 2013 Quoted in "Science" magazine article, "Painkillers may curb memory loss from medical marijuana." <http://news.sciencemag.org/brain-behavior/2013/11/painkillers-may-curb-memory-loss-medical-marijuana?rss=1>
- 2014 Quoted in "Science" magazine article, "Hardcore pot smoking could damage the brain's pleasure center." <http://news.sciencemag.org/brain-behavior/2014/07/hardcore-pot-smoking-could-damage-brains-pleasure-center>
- 2015 Quoted in "Science" magazine article, "Canadian registry track thousands of pot smokers." <http://news.sciencemag.org/health/2015/05/canadian-registry-track-thousands-pot-smokers>
- 2015 Quoted in "Wired" magazine article, "Researchers are finally studying the other chemical in pot." <http://www.wired.com/2015/06/researchers-finally-studying-chemical-pot/>

### ***CLINICAL EXPERIENCE***

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#### **NEUROPSYCHOLOGICAL ASSESSMENT**

#### **HIV NEUROBEHAVIORAL RESEARCH CENTER (HNRC), UNIVERSITY OF CALIFORNIA, SAN DIEGO**

1998 – 2003: Graduate Student Trainee / Research Associate

#### **PRE/POST CONCUSSION NEUROPSYCHOLOGICAL TESTING FOR THE NFL SAN DIEGO CHARGERS**

2000 – 2002: Assistant Student Coordinator

2002 – 2003: Student Coordinator

**VETERANS AFFAIRS SAN DIEGO HEALTHCARE SYSTEMS – NEUROPSYCHOLOGY PRACTICUM**

2001 – 2002: Practicum Student

**PEDIATRIC NEUROPSYCHOLOGY SERVICE, UNIVERSITY OF ILLINOIS, CHICAGO**

2004 (6-months): Intern

**NEUROPSYCHOLOGY SERVICE, UNIVERSITY OF ILLINOIS, CHICAGO**

2003 – 2004: Intern

2004 – 2006: Postdoctoral Fellow

2006 – 2008: Attending Neuropsychologist, Clinical Supervisor

**CHICAGO NEUROPSYCHOLOGY GROUP**

2008 – 2012: Associate Neuropsychologist

**PSYCHOTHERAPY**

**UCSD OUTPATIENT PSYCHIATRIC SERVICES**

1999 – 2000: Practicum Student

**SAN DIEGO STATE UNIVERSITY PSYCHOLOGY CLINIC**

2000 – 2001: Practicum Student

**BEHAVIORAL MEDICINE SERVICE, UNIVERSITY OF ILLINOIS, CHICAGO**

2005 (6-months): Intern

***PROFESSIONAL MEMBERSHIPS***

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- Member, International Neuropsychological Society
- Member, International Cannabinoid Research Society
- Member, College on Problems of Drug Dependence
- Associate Member, American College on Neuropharmacology

***LANGUAGES***

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**ENGLISH** – Write, read, & speak fluently

**SPANISH** – Native speaker and can read/write proficiently