

**CURRICULUM VITAE**  
**Hong Xian, PhD**

**Personal Information**

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Sex            Male

Citizenship    USA

Address and Telephone Numbers:

Office (1)     Department of Biostatistics  
                  College for Public Health & Social Justice  
                  Saint Louis University  
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**Present Position**

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Professor of Biostatistics  
College for Public Health & Social Justice, Saint Louis University

Co-Director  
Clinical Epidemiology Center  
St. Louis VA Health Care System, U.S. Department of Veterans Affairs

Health Science Specialist  
St. Louis VA Health Care System, U.S. Department of Veterans Affairs

## Education

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1989-1994 Ph.D. in Mathematics, Washington University, St. Louis, MO  
1988-1989 M.Sc. in Mathematics, Western Illinois University, Macomb, IL  
1984-1986 Graduate Studies in Mathematics, Wuhan University, Wuhan, China  
1978-1981 Undergraduate in mathematics, Hainan Normal University, Haikou, China  
1994-1996 Post-Doctoral Fellowship in Biostatistics, Department of Psychiatry,  
Washington University School of Medicine, St. Louis, MO  
Mentors: Drs. John Rice and Andrew Heath

## Other Education and Training

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1997 Certificate, "The Ninth International Workshop on Methodology of Twin and Families Studies", Institute of Behavioral Genetics, University of Colorado at Boulder  
1999 Certificate, "The Twelfth International Workshop on Methodology of Twin and Families Studies (Advanced)", Institute of Behavioral Genetics, University of Colorado at Boulder  
2002 Certificate, "Short Course on Mathematical Approaches to the Analysis of Complex Phenotypes," Jackson Laboratory, Bar Harbor, Maine

## Honors and Awards

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1989-1990 University Fellowship, Washington University  
1993 Senior Teaching Fellowship, Washington University  
1995-1996 National Research Service Award, National Institute on Drug Abuse  
2007 Performance Award, St. Louis VA Medical Center  
2014 Research Award for outstanding achievement in research and scholarship, College for Public Health & Social Justice, Saint Louis University  
2014 Senior Investigator Award for outstanding achievement in research, Saint Louis University  
2015 Research Award for outstanding achievement in research and scholarship, College for Public Health & Social Justice, Saint Louis University

## Academic Positions/Employment

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2014-present Professor, Institute for Global Health and Wellbeing, College for Public Health & Social Justice, Saint Louis University, MO  
2013-present Co-Director, Clinical Epidemiology Center, St. Louis VA Health Care System, MO

- 2012-present Professor, Department of Biostatistics, College for Public Health & Social Justice, Saint Louis University, MO
- 2010-present Guest Professor, Hainan Normal University School of Mathematics and Statistics, China
- 2008-2012 Associate Professor, Departments of Internal Medicine and Psychiatry, Washington University School of Medicine, St. Louis, MO
- 2008-2012 Member of Institute for Public Health, Washington University's George Warren Brown School of Social Work, St. Louis, MO
- 2007-2008 Assistant Professor, Department of Psychiatry, Washington University School of Medicine, St. Louis, MO
- 2007-2012 Adjunct Associate Professor of Biostatistics, St. Louis University School of Public Health, St. Louis, MO
- 2004-present Research Health Science Specialist, St. Louis Veterans Affairs Medical Center, MO
- 2001-2007 Assistant Professor, Department of Internal Medicine, Washington University School of Medicine, St. Louis, MO
- 1997-2001 Instructor, Department of Internal Medicine, Washington University School of Medicine, St. Louis, MO
- 1994-1996 Postdoctoral Fellow in Statistical Genetics and Psychiatric Epidemiology, Washington University School of Medicine, St. Louis, MO
- 1989-1994 Teaching Assistant/Instructor (part time), Department of Mathematics, Washington University, St. Louis, MO
- 1988-1989 Teaching Assistant (part time), Department of Mathematics, Western Illinois University, Macomb, IL
- 1982-1987 Instructor, Department of Mathematics, Hainan Normal University, Haikou, China

### **University, Medical Center and Professional Services / Activities**

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- 1997-present Statistical Consultant, St. Louis Veterans Affairs medical center
- 1997-2007 Statistical Consultant, Rheumatology Division, Washington University School of Medicine, St. Louis, MO
- 2000 Tutor, postdoctoral training program "Biomedical Training in Research on Drug Abuse" (NIDA), Washington University School of Medicine, St. Louis, MO
- 2000-2007 Secondary Mentor, Rheumatology fellowship training program, Division of Rheumatology, Washington University School of Medicine, St. Louis, MO
- 2006-2007 Preceptor, MPH internship program, College for Public Health & Social Justice, Saint Louis University, MO
- 2009-2010 Abstract Reviewer, VA Health Services Research & Development Annual National Conference, Baltimore, MD
- 2012-present Practice & Experiencing Advisor, Department of Biostatistics, College for Public Health & Social Justice, Saint Louis University, MO

- 2012-present Member, Conflict of Interest in Research Committee, Saint Louis University, St. Louis, MO
- 2012-2016 Member, Hiring committee, Saint Louis University College for Public Health & Social Justice, St. Louis, MO
- 2013-present Co-Director, Clinical Epidemiology Center, St. Louis Veterans Affairs Medical Center, MO
- 2013-present Member, Research Advisory Council, College for Public Health & Social Justice, Saint Louis University, MO
- 2013-2014 Member, Doctoral Committees, Saint Louis University College for Public Health & Social Justice, St. Louis, MO
- 2013-present Internal grant reviewer, College for Public Health & Social Justice, Saint Louis University, MO
- 2014-2015 Faculty Judge, Annual Graduate Research Symposium, Saint Louis University, MO

### **Teaching Experiences**

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#### **College for Public Health & Social Justice, Saint Louis University**

- BST 5020: Theory of Biostatistics, Fall 2007, 2008, 2010, 2012, 2013, 2014
- PHS 6010: Design and Analysis in Public Health, Spring 2014, Fall 2015
- BST 5030: Statistical Programming and Study Planning: SAS, Summer 2015, Spring 2016
- BST 5960: Capstone in Biostatistics, Spring 2016

#### **Department of Mathematics, Washington University in St. Louis**

- Math-217: Differential Equations, Fall 1993

#### **University College, Washington University in St. Louis**

- Math141: Precalculus, Fall 1990
- Math155: Calculus I, Spring 1991
- Math140: Algebra, Fall 1991
- Math1011: Introduction to Statistics, Summer 1992

#### **Department of Mathematics, Hainan Normal University, China**

- Math-131: Calculus I, Fall 1982 – 1983
- Math-132: Calculus II, Spring 1983 – 1984, Spring 1987
- Math-501: Advanced Algebra, Spring 1982, Spring 1986
- Math-510: Abstract Algebra, Fall 1986-1987

### **Student Advising/Mentoring**

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#### **Doctoral Student**

- Weijian Liu (Advisor)

- Maya Tabet (Dissertation committee member)
- Richard DeClue (Dissertation committee member)
- Lena McCue (Dissertation committee member)
- Nhial T. Tutlam (Dissertation committee member)
- Amy Estlund (Dissertation committee member)
- Julia Lopez (Dissertation committee member)
- Beth Rotter (At-Large committee member for Doctoral Oral Exam)

#### **Independent research paper/poster mentoring**

- Timophy Chrusciel (2005)
- Suhong Luo (2007)
- Juan Li (2010)
- Benjamin Bowe (2012)
- Cynthia Marshal (2013-2014)
- Yan Xie (2014)
- Leping Wan (2015)
- Maya Tabet (2015)
- Lena McCue (2015)

#### **SLU-Sponsored Graduate Research Assistantships**

- Weijian Liu
- Emily Varner
- Lorinette Wirth

#### **Editorial Responsibilities**

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Journal reviewer      *Psychiatry Research*  
                                 *Behavior Genetics*  
                                 *Nicotine & Tobacco Research*  
                                 *Drug and Alcohol Dependence*  
                                 *Psychological Medicine*  
                                 *Addiction*

#### **Professional Societies and Organizations**

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- Genetic Epidemiology Society
- Behavior Genetics Association
- The Society for Research on Nicotine and Tobacco
- The Classification Society
- The American Psychopathological Association
- VA Statisticians' Association (VASA) – U.S. Federal Government Department of Veterans Affairs

### Invited Speaker / Lectureship

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2001	Annual Meeting of Classification Society of North America, St. Louis, MO
2004	Southern Medical University, China
2013	School of Public Health, Zhejiang University, China
2013	School of Mathematics and Statistics, Hainan Normal University
2013	Hainan Medical College, China
2015	School of Mathematics and Statistics, Hainan Normal University, China

### Research Support

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#### Current

Title of project: The VETSA Longitudinal MRI Twin Study of Aging  
Role: Co-Investigator; Dr. William Kremen, Principal Investigator  
Period: 07/01/2015 – 03/31/2020  
Amount: \$10,979,439  
Source: NIH/NIA

Title of project: The VETSA Longitudinal Twin Study of Cognition and Aging (VETSA 3)  
Role: Co-Investigator; Dr. William Kremen, Principal Investigator  
Period: 07/01/2015 – 06/30/2020  
Amount: \$8,845,990  
Source: NIH/NIA

#### Pending

Title of project: Shift work during pregnancy and risk of preterm delivery  
Role: Co-Investigator; Dr. Kimberly Johnson, Principal Investigator  
Source: CDC

Title of project: Arm Exercise versus Pharmacologic Stress Testing for Clinical Outcome Prediction  
Role: Co-Investigator; Wade Martin, MD, Principal Investigator  
Source: VA/CSR&D

#### Completed

Title of project: Arm Exercise versus Other Stress Test Modalities for Clinical Outcome Prediction  
Role: Co-Investigator; Wade Martin, MD, Principal Investigator  
Period: 11/01/10 – 10/31/15  
Amount: \$ 591,200 total direct costs

Source: VA/CSR

Title of project: VETSA II: A Longitudinal Twin Study of Cognitive Aging  
Role: St. Louis Site Principal Investigator; Dr. William Kremen, Principal Investigator  
Agency: NIH/NIA #R01- AG018386  
Period: 09/01/08 – 08/31/14  
Amount: \$3,929,629 total direct costs

Title of project: New Data Analysis for Actigraphy in Sleep Medicine  
Role: Co-Investigator; William Shannon, Ph.D, Principal Investigator  
Agency: NIH/NHLBI  
Period: 04/01/09 – 03/31/12  
Amount: \$242,568

Title of project: Gene-Environment in Outcomes of Twins with Substance Use Disorders Offspring  
Role: Co-Investigator; Kathleen Bucholz, Principal Investigator  
Agency: NIH/NIDA #2 R01-DA14363  
Period: 12/01/06 – 03/31/13  
Amount: \$2,398,070 total direct costs

Title of project: Heart Disease among VA Patients with Depression  
Role: Consultant; Jeff Scherrer, Principal Investigator  
Agency: VA HSR&D #CD2 07-024-2  
Period: 04/01/2008 – 03/31/2013  
Amount: \$552,600 total direct costs

Title of project: Using VA Databases to Identify Drug AE's & Their Health and Cost Impact  
Role: Co-Investigator; Jay McDonald, MD, Principal Investigator  
Agency: VA HSR&D #IAF 06-026  
Period: 10/01/2007 – 09/30/2013  
Amount: \$694,600 total direct costs

Title of project: Environmental Risks for Smoking: A Genetically Informed Children of Twins Design  
Role: Principal Investigator  
Agency: NIH/NIDA #R01DA020810-01  
Period: 04/12/2007 – 03/31/2011  
Amount: \$472,500 total direct costs

Title of project: Study of Addiction: Genetics and Environment  
Role: Co-Investigator; Laura Bierut, Principal Investigator  
Agency: NIH/NHGRI  
Period: 08/06/07 – 05/31/11

Amount: \$672,509 total direct costs

Title of project: Quality of Care among Patients with Hepatitis C Virus Infection  
Role: Co-Investigator; Kanwal Fasiha, Principal Investigator  
Agency: VA HSR&D IIR #07-111-2  
Period: 04/01/2008 – 03/31/2011  
Amount: \$563,400 total direct costs

Title of project: The VETSA Longitudinal Twin Study of Cortisol and Aging  
Role: Co-Investigator; William Kremen, Principal Investigator  
Agency: NIH/NIA #R01-AG022982-01  
Period: 06/01/04 - 05/30/08  
Amount: \$2,011,015 total direct costs

Title of project: The VETSA Longitudinal MRI Twin Study of Aging  
Role: St. Louis Site Principal Investigator; William Kremen, Principal Investigator  
Agency: NIH/NIA #R01-AG022381-01  
Period: 09/15/03 - 06/30/08  
Amount: \$4,045,832 total direct costs

Title of project: Pain Among Gulf War Veterans: Secondary Analysis of CSP #458 Data  
Role: Co-Investigator; Seth Eisen, Principal Investigator  
Agency: VA  
Period: 10/01/04 - 03/31/08  
Amount: \$387,600 total direct costs

Title of project: Genetic and Environmental Influences in Accounting for Outcomes of Combat Experiences: Development of a Twin Registry of OEF/OIF Veteran  
Role: Co-Investigator; Theodore Jacob, Principal Investigator  
Agency: VA HSR&D #SDR 07-328  
Period: 07/01/2007 – 09/30/2007  
Amount: \$150,000 total direct costs

Title of project: A longitudinal Twin Study of Cognition and Aging  
Role: Co-Investigator; William Kremen, Principal Investigator  
Agency: NIH/NIA R01-PA98076-01  
Period: 09/15/03 - 08/31/07  
Amount: \$2,602,818 total direct costs

Title of project: Pathological Gambling: Courses, Consequences, and Causes  
Role: Co-Investigator; Seth Eisen, Principal Investigator  
Agency: NIH/NIMH #R01-MH60426-01A1  
Period: 07/1/00 - 06/30/07

Amount: \$1,950,000 total direct costs

Title of project: Gene-Environment in Outcomes of PsuD Twins' Offspring  
Role: Co-Investigator; Kathleen Bucholz, Principal Investigator  
Agency: NIH/NIDA #R01-DA014363  
Period: 05/01/2000 - 04/30/2007  
Amount: \$3,219,086 total direct costs

Title: Adolescent COA's: A Twin Family Design  
Role: Co-Investigator; William True, Principal Investigator  
Agency: NIH/NIAAA #G01-AA-11822  
Period: 05/01/98 - 04/30/04  
Amount: \$2,031,213 total direct costs

Title: Smoking Cessation: The Role of Withdrawal and Dependence  
Role: Principal Investigator  
Agency: NIH/NIDA #R03-DA13486-01  
Period: 07/01/00 - 06/30/02  
Amount: \$200,000 total direct costs

Title of project: The Impact of Nicotine Withdrawal and Dependence on Failed Smoking Cessation: The Role of Genetic and Environmental Factors  
Role: Principal Investigator  
Agency: American Cancer Society Institutional Research Grant #IRG-58-010-43  
Period: 01/01/99 - 12/31/01  
Amount: \$20,000 total direct costs

Title of project: Twin Study of Vulnerability to Alcoholism  
Role: Co-Investigator; # R01-AA10586  
Agency: NIH/NIAAA  
Period: 04/01/96 - 03/31/01  
Amount: \$2,663,614 total direct costs

## Research Interests

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Longitudinal study; Clinical and psychiatric epidemiologic study; Genetic epidemiologic study; Twin methods; Biometrical models; Latent variable analysis; Functional data analysis

## Bibliography

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**Citations from www.scholar.google.com (as of 01/29/2016)**

Citation indices	All	Since 2011
Citations	4327	2480
h-index	35	29
i10-index	70	66

**Peer-Reviewed Journals**

1. Neuman, R.J. & Xian, H. (1997). Testing the utility of mod scores and sibpair analysis to detect presence of disease susceptibility loci. *Genetic Epidemiology*, **14**(6):1035-1040
2. True, W.R., Xian, H., Scherrer, J.F., Madden, P.A., Bucholz, K.K., Heath, A.C., Eisen, S.A., Lyons, M.J., Goldberg, J. & Tsuang, M.T. (1999). Common vulnerability for nicotine and alcohol dependence. *Archives of General Psychiatry*, **56**(7):655-661
3. True, W.R., Heath, A.C., Scherrer, J.F., Xian, H., Lin, N., Eisen, S.A., Lyons, M.J., Goldberg, J. & Tsuang, M.T. (1999). Interrelationship of genetic and environmental influences on conduct disorder, alcohol and marijuana dependence symptoms. *American Journal of Medical Genetics (Neuropsychiatr Genet)*, **88**(4):1-7
4. Tsuang, M.T., Lyons, M.J., Harley, R.M., Xian, H., Eisen, S., Goldberg, J., True, W.R. & Faraone S.V. (1999). Genetic and environmental influences on transitions in drug use. *Behavior Genetics*, **29**(6):473-479
5. Scherrer, J.F., True, W.R., Xian, H., Lyons, M.J., Eisen, S.A., Goldberg, J., Lin, N. & Tsuang, M.T. (2000). Evidence for genetic influences common and specific to symptoms of generalized anxiety and panic. *Journal of Affective Disorders*, **57**(1-3):25-35
6. Xian, H., Scherrer, J.F., Eisen, S.A., True, W.R., Heath, A.C., Goldberg, J., Lyons, M.J. & Tsuang, M.T. (2000). Self-reported zygoty and the equal-environments assumption for psychiatric disorders in the Vietnam Era Twin Registry. *Behavior Genetics*, **30**(4):303-310
7. Romeis, J.C., Scherrer, J.F., Xian, H., Eisen, S.A., Bucholz, K., Heath, A.C., Goldberg, J., Lyons, M.J., Henderson, W.G. & True, W.R. (2000). Heritability of self-reported health. *Health Services Research* 2000 Dec, **35**(5 Pt 1):995-1010. PMID: PMC1089180
8. Xian, H., Chantarujikapong, S.I., Scherrer, J.F., Eisen, S.A., Lyons, M.J., Goldberg, J., Tsuang, M. & True, W.R. (2000). Genetic and environmental influences on posttraumatic stress disorder, alcohol and drug dependence in twin pairs. *Drug and Alcohol Dependence*, **61**(1):91-102
9. Slutske, W.S., Eisen, S., Xian, H., True, W.R., Lyons, M.J., Goldberg, J. & Tsuang, M. (2001). A twin study of the association between pathological gambling and antisocial personality disorder. *Journal of Abnormal Psychology*, **110**(2):297-308

10. Eisen, S.A., Slutske, W.S., Lyons, M.J., Lassman, J., Xian, H., Roomey, R., Chantarujikapong, S. & Tsuang, M.T. (2001). The genetics of pathological gambling. *Seminars in Clinical Neuropsychiatry*, **6**(3):195-204
11. Chantarujikapong, S.I., Scherrer, J.F., Xian, H., Eisen, S.A., Lyons, M.J., Goldberg, J., Tsuang, M. & True, W.R. (2001). A twin study of generalized anxiety disorder symptoms, panic disorder symptoms, and posttraumatic stress disorder in men. *Psychiatry Research*, **103**(2-3):133-145
12. Eisen, S.A., Chantarujikapong, S., Xian, H., Lyons, M.J., Toomey, R., True, W.R., Scherrer, J.F., Goldberg, J., Tsuang, M.T. (2002). Does marijuana use have residual adverse effects on self-reported health measures, socio-demographics and quality of life? A monozygotic co-twin control study in men. *Addiction*, **97**(9):1137-1144
13. Toomey, R. Lyons, M.J., Eisen, S.A., Xian, H., Chantarujikapong, S., Seidman, L.J., Faraone, S.V. & Tsuang, M.T. (2003). A twin study of the neuropsychological consequences of stimulant abuse. *Archives of General Psychiatry*, **60**(3):303-310
14. Xian, H., Scherrer, J.F., Madden, P.A., Lyons, M.J., Tsuang, M., True, W.R. & Eisen, S.A. (2003). The heritability of failed smoking cessation and nicotine withdrawal in twins who smoked and attempted to quit. *Nicotine and Tobacco Research*, **5**(2):245-254
15. Scherrer, J.F., Xian, H., Bucholz, K.K., Eisen, S.A., Lyons, M.J., Goldberg, J., Tsuang, M. & True, W.R. (2003). A twin study of depression symptoms, hypertension, and heart disease in middle-aged men. *Psychosomatic Medicine*, **65**(4):548-557
16. Crider, A., Kremen, W.S., Xian, H., Jacobson, K.C., Waterman, B., Eisen, S.A., Tsuang, M.T. & Lyons, M.J. (2004). Stability, consistency, and heritability of electrodermal response liability in middle-aged male twins. *Psychophysiology*, **41**(4):501-509
17. Lyons, M.J., Bar, J.L., Panizzon, M.S., Toomey, R., Eisen, S., Xian, H. & Tsuang, M.T. (2004). Neuropsychological consequences of regular marijuana use: a twin study. *Psychological Medicine*, **34**(7):1239-1250
18. Eisen, S.A., Griffith, K.H., Xian, H., Scherrer, J.F., Fischer, I.D., Chantarujikapong, S., Hunter, J., True, W.R., Lyons, M.J. & Tsuang, M.T. (2004). Lifetime and 12-month prevalence of psychiatric disorders in 8,169 male Vietnam War veterans. *Military Medicine*, **169**(11):896-902
19. Xian, H., Scherrer, J.F., Madden, P.A., Lyons, M.J., Tsuang, M., True, W.R. & Eisen, S.A. (2005). Latent class typology of nicotine withdrawal: genetic contributions and association with failed smoking cessation and psychiatric disorders. *Psychological Medicine*, **35**(3):409-419
20. Scherrer, J.F., Xian, H., Shah, K.R., Volberg, R., Slutske, W., Eisen, S.A. (2005). Effects of genes, environmental, and lifetime co-occurring disorders on health-related quality of life in problem and pathological gamblers. *Arch Gen Psychiatry*, **62**(6):677-683

21. Kremen, W.S., Jacobson, K.C., Xian, H., Eisen, S.A., Waterman, B., Toomey, R., Neale, M.C., Tsuang, M.T. & Lyons, M.J. (2005). Heritability of word recognition in middle-aged men varies as a function of parental education. *Behavior Genet*, **35**(4):417-433
22. Shah, K.R., Eisen, S.A., Xian, H. & Potenza, M.N. (2005). Genetic studies of pathological gambling: a review of methodology and analyses of data from the Vietnam Era Twin Registry. *Journal of Gambling Studies*, **21**(2):179-203
23. Potenza, M.N., Xian, H., Shah, K., Scherrer, J.F. & Eisen, S.A. (2005). Shared genetic contributions to pathological gambling and major depression in men. *Archives of General Psychiatry*, **62**(9):1015-1021
24. Romeis, J.C., Heath, A.C., Xian, H., Eisen, S.A., Scherrer, J.F., Pedersen, N.L., Fu, Q., Bucholz, K.K., Goldberg, J., Lyons, M.J., Waterman, B., Tsuang, M.T. & True, W.R. (2005). Heritability of SF-36 among middle age, middle class, male-male twins. *Medical Care*, **43**(11):1147-1154
25. Kremen, W.S., Lyons, M.J., Boake, C., Xian, H., Jacobsen, K.C., Waterman, B., Eisen, S.A., Goldberg, J., Faraone, S.V. & Tsuang, M.T. (2006). A discordant twin study of premorbid cognitive ability in schizophrenia. *Journal of Clinical and Experimental Neuropsychology*, **28**(2):208-224
26. Scherrer, J.F., Xian, H., Krygiel, Kapp, J.M., Waterman, B., Shah, K.R., Volberg, R. & Eisen, S.A. (2007). Association between exposure to childhood and lifetime traumatic events and lifetime pathological gambling. *Journal of Nervous and Mental Disease*, **195**(1):72-78
27. Xian, H., Scherrer, J.F., Eisen, S.A., Lyons, M.J., Tsuang, M., True, W.R. & Bucholz, K.K. (2007). Nicotine dependence subtypes: association with smoking history, diagnostic criteria and psychiatric disorders in 5,440 regular smokers from the Vietnam Era Twin Registry. *Addictive Behaviors*, **32**(1):137-147
28. Xian, H., Scherrer, J.F., Slutske, W.S., Shah, K.R., Volberg, R. & Eisen, S.A. (2007). Genetic and environmental contributions to pathological gambling symptoms in a 10-year follow-up. *Twin Research & Human Genetics*, **10**(1):174-179
29. Scherrer, J.F., Slutske, W.S., Xian, H., Waterman, B., Shah, K.R., Volberg, R. & Eisen, S.A. (2007). Factors associated with pathological gambling at 10-year follow-up in a national sample of middle-aged men. *Addiction*, **102**(6):970-978
30. Sartor, C.E., Scherrer, J.F., Shah, K.R., Xian, H., Volberg, R. & Eisen, S.A. (2007). Course of pathological gambling symptoms and reliability of the Lifetime Gambling History measure. *Psychiatry Research*, **152**(1):55-61
31. Franz, C.E., Grant, M.D., Jacobson, K.C., Kremen, W.S., Eisen, S.A., Xian, H., Romeis, J., Thompson-Brenner, H. & Lyons, M.J. (2007). Genetics of body mass stability and risk for chronic disease: a 28-year longitudinal study. *Twin Research & Human Genetics*, **10**(4):537-545

32. Kremen, W.S., Jacobson, K.C., Xian, H., Eisen, S.A., Eaves, L.J., Tsuang, M.T. & Lyons, M.J. (2007). Genetics of verbal working memory processes: a twin study of middle-aged men. *Neuropsychology*, **21**(5):569-80
33. Lyons, M., Hitsman, B., Xian, H., Panizzon, M.S., Jerskey, B.A., Santangelo, S., Grant, M.D., Rende, R., Eisen, S., Eaves, L. & Tsuang, M.T. (2008). A twin study of smoking, nicotine dependence, and major depression in men. *Nicotine and Tobacco Research*, **10**(1):97-108
34. Sartor, C.E., Xian, H., Scherrer, J.F., Lynskey, M.T., Duncan, A.E., Haber, J.R., Grant, J.D., Bucholz, K.K. & Jacob, T. (2008). Psychiatric and familial predictors of transition times between smoking stages: results from an offspring-of-twins study. *Addictive Behaviors*, **33**(2):235-51
35. Kremen, W.S., Xian, H., Jacobson, K.C., Eaves, L.J., Franz, C.E., Panizzon, M.S., Eisen, S.A., Crider, A. & Lyons, M.J. (2008). Storage and Executive Components of Working Memory: Integrating Cognitive Psychology and Behavior Genetics in the Study of Aging. *J Gerontol B Psychol Sci Soc Sc*, **63**:84-91
36. Iizuka, K., Scalzo, A.A., Xian, H. & Yokoyama, W.M. (2008). Regulation of the NK cell alloreactivity to bone marrow cells by the combination of the host NK gene complex and MHC haplotypes. *Journal of Immunology*, **180**(5):3260-3267
37. Scherrer, J.F., Xian, H., Lyons, M.J., Goldberg, J., Eisen, S.A., True, W., Tsuang, M., Bucholz, K.K. & Koenen, K.C. (2008). Posttraumatic stress disorder, combat exposure and nicotine dependence, alcohol dependence, and major depression in male twins. *Comprehensive Psychiatry*, **49**(3):297-304
38. Schultz, M.R., Lyons, M.J., Franz, C.E., Grant, M.D., Boake, C., Jacobson, K.C., Xian, H., Schellenberg, G.D., Eisen, S.A. & Kremen, W.S. (2008). Apolipoprotein E genotype and memory in the sixth decade of life. *Neurology*, **70**(19 Pt 2):1771-7
39. Xian, H., Shah, K., Potenza, M., Volberg, R., Chantarujikapong, S., True, W., Lyons, M., Tsuang, M. & Eisen, S. (2008). A latent class analysis of DSM-III-R pathological gambling criteria in middle-aged men: association with psychiatric disorders. *Journal of Addiction Medicine*, **2**:85-95
40. Xian, H., Scherrer, J.F., Grant, J.D., Eisen, S.A., True, W.R., Jacob, T. & Bucholz, K.K. (2008). Genetic and environmental contributions to nicotine, alcohol and Cannabis dependence in male twins. *Addiction*, **103**:1391-1398
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### **Presentations in Scientific Conferences**

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96. Joseph E. Glass, Julia D. Grant, Alexis E. Duncan, Jeffrey F. Scherrer, Kathleen K. Bucholz, Hong Xian. A Longitudinal Investigation of Alcohol Problem Recognition and the Discussion of Alcohol Problems with Health Professionals From a High-Risk Offspring of Twins Sample. *The Annual Conference of The Society for Social Work and Research, 2013*
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  100. Cynthia Marshall, Hong Xian, Pooja Chandiramani, Emily Bainter, Wade Martin. Arm Exercise Heart Rate, Stress Test Findings and Outcome. *The Quality of Care and Outcome Research in Cardiovascular and Stroke Scientific Sessions 2014*
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