CURRICULUM VITAE
Hong Xian, PhD

PERSONAL INFORMATION

Gender Male

Citizenship USA

Address and Telephone Numbers:

Office (1) Department of Epidemiology and Biostatistics
College for Public Health & Social Justice
Saint Louis University
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3545 Lafayette Ave.
St. Louis, MO 63104

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PRESENT POSITION

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

Health Science Specialist
Veterans Affairs St. Louis Health Care System (VASTLHCS), U.S. Department of Veterans Affairs

Senior Statistician

Hong Xian, Ph.D.

Clinical Epidemiology Center, VASTLHCS, U.S. Department of Veterans Affairs

EDUCATION

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
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

OTHER EDUCATION AND TRAINING

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

HONORS AND AWARDS

2018	Research Award for achievement in research and scholarship at the rank of Professor, College for Public Health & Social Justice, Saint Louis University.
2015	Research Award for achievement in research and scholarship at the rank of Professor, College for Public Health & Social Justice, Saint Louis University
2014	Grantwinner Award for Excellence in research, Saint Louis University
2014	Research Award for achievement in research and scholarship at the rank of Professor, College for Public Health & Social Justice, Saint Louis University
2007	Research Performance Award, Veterans Affairs St. Louis Health Care System, U.S. Department of Veterans Affairs
1995-1996	National Research Service Award, National Institute on Drug Abuse
1993	Senior Teaching Fellowship, Washington University
1989-1990	University Fellowship, Washington University

ACADEMIC POSITIONS/EMPLOYMENT

2014-present	Professor, Institute for Global Health and Wellbeing, College for Public Health & Social Justice, Saint Louis University, MO
2013-2017	Co-Director, Clinical Epidemiology Center, St. Louis VA Health Care System, MO
2012-present	Professor of Biostatistics, Department of Epidemiology & 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 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 Professor of Biostatistics, St. Louis University School of Public Heath, St. Louis, MO
2004-present	Research Health Science Specialist, St. Louis Veterans Affairs Medical Center, MO
2001-2007	Assistant Professor, Department of Medicine, Washington University School of Medicine, St. Louis, MO
1997-2001	Instructor, Department of 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

UNIVERSTIY, MEDICAL CENTER AND PROFESSIONAL SERVICES/ACTIVITIES

2020-present & 2013-2015	Member, Doctoral Committees, Saint Louis University College for Public Health & Social Justice, St. Louis, MO
2020-2021 & 2017-2018	Chair, Promotion & Tenure Committee, Department of Epidemiology & Biostatistics, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO
2018-2020	Member, Promotion & Tenure Committee, Department of Epidemiology & Biostatistics, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO

2018	Member, Ad Hoc Promotion & Tenure Committee, Department of Behavioral Science & Health Education, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO
2017	Member, Ad Hoc Promotion & Tenure Committee, Department of Behavioral Science & Health Education, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO
2017-present	Member, Steering Committee, Institute for Global Health and Well-Being, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO
2016	Search Committee, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO
2015	Member, Ad Hoc Promotion & Tenure Committee, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO
2014-2015	Faculty Judge, Annual Graduate Research Symposium, Saint Louis University, Saint Louis, MO
2013, 2015	Search Committee, Department of Biostatistics, College for Public Health & Social Justice, Saint Louis University, St. Louis, MO
2013-present	Internal grant reviewer, College for Public Health & Social Justice, Saint Louis University, St. Louis, MO
2013-present	Member, Research Advisory Council, College for Public Health & Social Justice, Saint Louis University, MO
2013-2017	Co-Director, Clinical Epidemiology Center, Veterans Affairs St. Louis Health Care System, MO
2012-2016	Member, Hiring committee, Saint Louis University College for Public Health & Social Justice, St. Louis, MO
2012-present	Member, Conflict of Interest in Research Committee, Saint Louis University, St. Louis, MO
2012-2017	Practice & Experiencing Advisor, Department of Biostatistics, College for Public Health & Social Justice, Saint Louis University, St. Louis, MO
2009-2010	Abstract Reviewer, VA Health Services Research & Development Annual National Conference, Baltimore, MD
2006-2007	Preceptor, MPH internship program, College for Public Health & Social Justice, Saint Louis University, St. Louis, MO
2000-2007	Secondary Mentor, Rheumatology fellowship training program, Division of Rheumatology, 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
1997-present	Statistical Consultant, St. Louis Veterans Affairs medical center
1997-2007	Statistical Consultant, Rheumatology Division, Washington University School of Medicine, St. Louis, MO

TEACHING EXPERIENCES

College for Public Health & Social Justice, Saint Louis University

- BST 5220: Multilevel and Longitudinal Data Analysis, Spring 2019
- BST 5960: Capstone in Biostatistics, Spring 2016 - 2019
- BST 5020: Theory of Biostatistics, Fall 2007 - 2008, Fall 2010, Fall 2012 - 2014, Fall 2017
- PHS 6010: Design and Analysis in Public Health, Spring 2014 - 2016
- BST 5030: Statistical Programming and Study Planning: SAS, Summer 2015, 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

ADVISING/MENTORING STUDENTS

Mentoring Doctoral Students

2018-Present **Doctoral Dissertation Committee Chair, Saint Louis University**
Yan Xie - Uncertainty of Causal Inference - An Ensemble Analytic Approach Accounting for Uncertainty of Hyper-Parameters

2017-Present **Doctoral Dissertation Committee Chair, Saint Louis University**
Benjamin (Charlie) Bowe - Identification of Inpatient Acute Kidney Injury Phenotypes Using Large Scale Electronic Medical Records

2016-Present **Doctoral Dissertation Committee Chair, Saint Louis University**
Daphne Lew – The longitudinal impact of maternal mental health, home environment, and neighborhood social context on adolescent mental health among fragile families

2014-2017 **Doctoral Dissertation Committee Chair, Saint Louis University**
Weijian Liu - Change in Body Weight and Its Impact on Survival and Survivorship among Patients with Non-Hodgkin Lymphoma

2019-Present **Doctoral Dissertation Committee Member, Saint Louis University**
Longwen Zhao - Dynamic linear model and conditional autoregression model on spatial-temporal data

2019-Present **Doctoral Dissertation Committee Member, Saint Louis University**
Ting Xiao - The relationships between neighborhood quality, sleep, and depression

2018-Present **Doctoral Dissertation Committee Member, Saint Louis University**
Satish Munigala - Predictors for the medium and long-term risk of pancreatic cancer

2017-2018 **Doctoral Dissertation Committee Member, Saint Louis University**
Scott Vouri - Antimuscarinics for Overactive Bladder and Cognitive Impairment in Older Adults

2016-2017 **Doctoral Dissertation Committee Member, Saint Louis University**
Julia Lopez - Examining the Impact of Ryan White Hiv/Aids Program on Hiv-Related Health Outcomes

2015-2017 **Doctoral Dissertation Committee Member, Saint Louis University**
Maya Tabet - Birthweight and Neonatal Death: Reexamining the Low Birthweight Indicator Using Sibling Data

2015-2016 **Doctoral Dissertation Committee Member, Saint Louis University**
Nhial T. Tutlam - The Impact of Maternal War Trauma on Children: A Study of South Sudanese Families Resettled in the U.S.

2014-2015 **Doctoral Dissertation Committee Member, Saint Louis University**
Lena McCue - Sleep and Gastrointestinal Dysfunctions as Risk Factors for Non-Febrile Seizures in Children with Idiopathic Autism Spectrum Disorder (ASD)

2014-2015 **Doctoral Dissertation Committee Member, Saint Louis University**
Amy Estlund – Depression Predictors of Negative Sexual and Mental Health Outcomes Among Young Women in the Contraceptive Choice Project

2013-Present **Doctoral Dissertation Committee Member, Saint Louis University**
Richard DeClue – Epidemiology of post-treatment Lyme disease syndrome in Wisconsin

Mentoring Master's Degree Students

2017-2018 **Master's Thesis Committee Member, Saint Louis University**

Sarah Gebauer - The influences of perceived neighborhood social cohesion and perceived walkability on meeting physical activity goals in lower extremity osteoarthritis patients

Mentoring Saint Louis University/College for Public Health & Social Justice-Sponsored Graduate Research Assistants

- Weijian Liu
- Emily Varner
- Lorinette Wirth
- Daphne Lew

Mentoring Independent research paper/poster

- Timophy Chrusciel (2005)
- Suhong Luo (2007)
- Juan Li (2010)
- Benjamin Bowe (2012)
- Cynthia Marshal (2013-2014)
- Yan Xie (2014)
- Leping Wan (2015)
- Satish Munigala (2017-2018)

Editorial Responsibilities

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

PROFESSIONAL SOCIETIES AND ORGANIZATIONS

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

INVITED SPEAKER/LECTURESHIP

2018	The Annual Meeting of Hainan Center for Mathematical Research, China
2017	Wuhan City Maternal and Child Health Care Center, China
2016	Wuhan City Maternal and Child Health Care Center, China
2015	School of Mathematics and Statistics, Hainan Normal University, China
2013	Hainan Medical College, China
2013	School of Mathematics and Statistics, Hainan Normal University, China
2013	School of Public Health, Zhejiang University, China
2004	Southern Medical University, China
2001	Annual Meeting of Classification Society of North America, St. Louis, MO

RESEARCH SUPPORT

Current

Title of project:	The VETSA Longitudinal Twin Study of Cognition and Aging (VETSA 4)
Role:	Co-Investigator; (Principal Investigator: William Kremen, PhD)
Period:	07/01/2020 – 06/30/2025
Amount:	$8,845,990
Source:	NIH/NIA

Title of project:	ITEST: Innovative Tools to Expand Youth-Friendly HIV Self-Testing
Role:	Co-Investigator; (Principal Investigator: Juliet Iwelunmor, PhD)
Source:	NIH
Period:	09/01/2018 – 08/31/2023
Among:	$2,300,000
Source:	NIH

Title of project:	Arm Exercise versus Pharmacologic Stress Testing for Clinical Outcome Prediction
Role:	Co-Investigator; (Principal Investigator: Wade Martin, MD)
Period:	07/01/2018 – 06/30/2023
Source:	VA/CSR&D

Title of project:	Incidence of Diabetes and Infection in Abatacept-Treadted Rheumatoid Arthritis Patients (INDIAR)
Role:	Co-Investigator; (Principal Investigator: Seth Eisen, MD)
Period:	02/01/2020 – 08/31/2021
Source:	Veteran Research & Education Foundation of St. Louis

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

Title of project:	Bridging the Children Epilepsy Treatment Gap in Northern Nigeria (BRIDGE)
Role:	Consultant; (Principal Investigator: Edwin Trevathan, MD)
Period:	10/01/2017 – 09/30/2018
Source:	NIH

Pending

Title of project:	Shake Salt to Reduce Blood Pressure: A hybrid implementation effectiveness trial
Role:	Co-Investigator; (Principal Investigator: Juliet Iwelunmor, PhD)
Source:	NIH

Title of project:	Using Functional Data Analysis to Identify Intraday Relationships Between Physical Activity, Sleep, and Alcohol Use Among Individual with HIV
Role:	Co-Investigator; (Principal Investigator: Travis Loux, PhD)
Source:	NIH

Title of project:	Adapting the JEWEL Project for Adolescent Girls in Sub-Saharan Africa
Role:	Co-Investigator; (Principal Investigator: Juliet Iwelunmor, PhD)
Source:	NIH

Title of project:	Bridging the Maternal Depression Treatment Gap in Africa (MOM-BRIDGE)
Role:	Co-Investigator; (Principal Investigator: Edwin Trevathan, PhD)
Source:	NIH

Title of project:	Enhancing Access to Childhood Epilepsy Interventions in Africa (EPI-ACCESS)
Role:	Co-Investigator; (Principal Investigator: Edwin Trevathan, PhD)
Source:	NIH

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/CSRD

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

Longitudinal and latent variable analysis; Clinical and psychiatric epidemiologic study; Biometrical genetic modeling of twin or other family data.

BIBLIOGRAPHY

Citations from www.scholar.google.com (as of 06/02/20)

	All	Since 2015
Citations	8936	4829
h-index	52	35
i10-index	131	116

Peer-Reviewed Journals

1. Neuman RJ & Xian H. Testing the utility of mod scores and sibpair analysis to detect presence of disease susceptibility loci. *Genetic Epidemiology.* 1997; 14(6):1035-1040
2. True WR, Xian H, Scherrer JF, Madden PA, Bucholz KK, Heath AC, Eisen SA, Lyons MJ, Goldberg J & Tsuang MT. Common vulnerability for nicotine and alcohol dependence. *Archives of General Psychiatr.* 1999; **56**(7):655-661
3. True WR, Heath AC, Scherrer JF, Xian H, Lin N, Eisen SA, Lyons MJ, Goldberg J & Tsuang MT. Interrelationship of genetic and environmental influences on conduct disorder, alcohol and marijuana dependence symptoms. *American Journal of Medical Genetics (Neuropsychiatr Genet).* 1999; **88**(4):1-7
4. Tsuang MT, Lyons MJ, Harley RM, Xian H, Eisen S, Goldberg J, True WR & Faraone SV. Genetic and environmental influences on transitions in drug use. *Behavior Genetics*. 1999; **29**(6):473-479
5. Scherrer JF, True WR, Xian H, Lyons MJ, Eisen SA, Goldberg J, Lin N. & Tsuang MT. Evidence for genetic influences common and specific to symptoms of generalized anxiety and panic. *Journal of Affective Disorders*. 2000; **57**(1-3):25-35
6. Xian H, Scherrer JF, Eisen SA, True WR, Heath AC, Goldberg J, Lyons MJ & Tsuang MT. Self-reported zygosity and the equal-environments assumption for psychiatric disorders in the Vietnam Era Twin Registry. *Behavior Genetics*. 2000; **30**(4):303-310
7. Romeis JC, Scherrer JF, Xian H, Eisen SA, Bucholz K, Heath AC, Goldberg J, Lyons MJ, Henderson WG & True WR. Heritability of self-reported health. *Health Services Research*. 2000; **35**(5 Pt 1):995-1010. PMCID: PMC1089180
8. Xian H, Chantarujikapong SI, Scherrer JF, Eisen SA, Lyons MJ, Goldberg J, Tsuang MT & True WR. Genetic and environmental influences on posttraumatic stress disorder, alcohol and drug dependence in twin pairs. *Drug and Alcohol Dependence.* 2000; **61**(1):91-102

9. Slutske WS, Eisen S, Xian H, True WR, Lyons, MJ, Goldberg J & Tsuang MT. A twin study of the association between pathological gambling and antisocial personality disorder. *Journal of Abnormal Psychology*. 2001; **110**(2):297-308

10. Eisen SA, Slutske WS, Lyons MJ, Lassman J, Xian H, Roomey R, Chantarujikapong S & Tsuang MT. The genetics of pathological gambling. *Seminars in Clinical Neuropsychiatry*. 2001; **6**(3):195-204

11. Chantarujikapong SI, Scherrer JF, Xian H, Eisen SA, Lyons MJ, Goldberg J, Tsuang MT & True WR. A twin study of generalized anxiety disorder symptoms, panic disorder symptoms, and posttraumatic stress disorder in men. *Psychiatry Research*. 2001; **103**(2-3):133-145

12. Eisen SA, Chantarujikapong S, Xian H, Lyons MJ, Toomey R, True WR, Scherrer JF, Goldberg J, Tsuang MT. 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*. 2002; **97**(9):1137-1144

13. Toomey R, Lyons MJ, Eisen SA, Xian H, Chantarujikapong S, Seidman LJ, Faraone SV & Tsuang MT. A twin study of the neuropsychological consequences of stimulant abuse. *Archives of General Psychiatry*. 2003; **60**(3):303-310

14. Xian H, Scherrer JF, Madden PA, Lyons MJ, Tsuang M, True WR & Eisen SA. The heritability of failed smoking cessation and nicotine withdrawal in twins who smoked and attempted to quit. *Nicotine and Tobacco Research*. 2003; **5**(2):245-254

15. Scherrer JF, Xian H, Bucholz KK, Eisen SA, Lyons MJ, Goldberg J, Tsuang M & True WR. A twin study of depression symptoms, hypertension, and heart disease in middle-aged men. *Psychosomatic Medicine*. 2003; **65**(4):548-557

16. Crider A, Kremen WS, Xian H, Jacobson KC, Waterman B, Eisen SA, Tsuang MT & Lyons MJ. Stability, consistency, and heritability of electrodermal response liability in middle-aged male twins. *Psychophysiology*. 2004; **41**(4):501-509

17. Lyons MJ, Bar JL, Panizzon MS, Toomey R, Eisen S, Xian H & Tsuang MT. Neuropsychological consequences of regular marijuana use: a twin study. *Psychological Medicine*. 2004; **34**(7):1239-1250

18. Eisen SA, Griffith KH, Xian H, Scherrer JF, Fischer ID, Chantarujikapong S, Hunter J, True WR, Lyons MJ & Tsuang MT. Lifetime and 12-month prevalence of psychiatric disorders in 8,169 male Vietnam War veterans. *Military Medicine*. 2004; **169**(11):896-902.

19. Xian H, Scherrer JF, Madden PA, Lyons MJ, Tsuang MT, True WR & Eisen SA. Latent class typology of nicotine withdrawal: genetic contributions and association with failed smoking cessation and psychiatric disorders. *Psychological Medicine*. 2005; **35**(3):409-419

20. Scherrer JF., Xian H, Shah KR, Volberg R, Slutske W, Eisen SA. Effects of genes, environmental, and lifetime co-occurring disorders on health-related quality of life in problem and pathological gamblers. *Arch Gen Psychiatry*. 2005; **62**(6):677-683

21. Kremen WS, Jacobson KC, Xian H, Eisen SA, Waterman B, Toomey R, Neale MC, Tsuang MT & Lyons MJ. Heritability of word recognition in middle-aged men varies as a function of parental education. *Behavior Genet*. 2005; **35**(4):417-433

22. Shah KR, Eisen SA, Xian H & Potenza MN. Genetic studies of pathological gambling: a review of methodology and analyses of data from the Vietnam Era Twin Registry. *Journal of Gambling Studies.* 2005; **21**(2):179-203

23. Potenza MN, Xian H, Shah K, Scherrer JF & Eisen SA. Shared genetic contributions to pathological gambling and major depression in men. *Archives of General Psychiatry.* 2005; **62**(9):1015-1021

24. Romeis JC, Heath AC, Xian H, Eisen SA, Scherrer JF, Pedersen NL, Fu Q, Bucholz KK, Goldberg J, Lyons MJ, Waterman B, Tsuang MT & True WR. Heritability of SF-36 among middle age, middle class, male-male twins. *Medical Care*. 2005; **43**(11):1147-1154

25. Kremen WS, Lyons MJ, Boake C, Xian H, Jacobsen KC, Waterman B, Eisen SA, Goldberg J, Faraone SV & Tsuang MT. A discordant twin study of premorbid cognitive ability in schizophrenia. *Journal of Clinical and Experimental Neuropsychology*. 2006; **28**(2):208-224

26. Scherrer JF, Xian H, Kapp JMK, Waterman B, Shah KR, Volberg R & Eisen SA. Association between exposure to childhood and lifetime traumatic events and lifetime pathological gambling. *Journal of Nervous and Mental Disease*. 2007; **195**(1):72-78

27. Xian H, Scherrer JF, Eisen SA, Lyons MJ, Tsuang MT, True WR & Bucholz KK. 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*. 2007: **32**(1):137-147

28. Xian H, Scherrer JF, Slutske WS, Shah KR, Volberg R & Eisen SA. Genetic and environmental contributions to pathological gambling symptoms in a 10-year follow-up. *Twin Research & Human Genetics.* 2007; **10**(1):174-179

29. Scherrer JF, Slutske WS, Xian H, Waterman B, Shah KR, Volberg R & Eisen SA. Factors associated with pathological gambling at 10-year follow-up in a national sample of middle-aged men. *Addiction*. 2007; **102**(6):970-978

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