

**CURRICULUM VITAE**  
**Hong Xia, PhD**

**PERSONAL INFORMATION**

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Gender        Male

Citizenship    USA

Address and Telephone Numbers:

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

Phone            (314) 977-4051  
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E-mail            hong.xian@slu.edu

**PRESENT POSITION**

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

**EDUCATION**

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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**

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Hong Xian, Ph.D.

- 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

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- 2018 Annual Award for achievement in research and scholarship at the rank of Professor, College for Public Health & Social Justice, Saint Louis University 2017-2018
- 2015 Annual Award for achievement in research and scholarship at the rank of Professor, College for Public Health & Social Justice, Saint Louis University 2014-2015
- 2014 Grantwinner Award for Excellence in research, Saint Louis University
- 2014 Annual 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

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- 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 Health, St. Louis, MO

Hong Xian, Ph.D.

- 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

### **UNIVERSITY, MEDICAL CENTER, AND PROFESSIONAL SERVICES/ACTIVITIES**

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- 2023-2024 Chair Search Committee, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO
- 2022-2023 Member, Advisory Steering Committee, Stimulating Training and Access to Research Experiences for Underrepresented Minority Populations (STAR), Saint Louis University, St. Louis, MO
- 2022-2023 Search Committee, College for Public Health & Social Justice, Saint Louis University, Saint Louis, MO
- 2022-present Member, University Committee for Academic Rank and Tenure (UCART), Saint Louis University, St. Louis, MO
- 2022 Chair, Promotion and Tenure Committee, Saint Louis University College for Public Health & Social Justice, St. Louis, MO
- 2020-present Member, Doctoral Committees, Saint Louis University College for Public Health & Social Justice, St. Louis, MO
- 2020-2021 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
- 2017-2018 Chair, Promotion & Tenure Committee, Department of Epidemiology & Biostatistics, 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

Hong Xian, Ph.D.

- 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 Member, Doctoral Committees, Saint Louis University College for Public Health & Social Justice, St. 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**

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

#### **Doctoral Courses**

- PHS 6010: Design and Analysis in Public Health, Spring 2014 - 2016, 2021-2023

Hong Xian, Ph.D.

### **Master of Public Health and Master of Sciences courses**

- BST 5200: Survival Data Analysis, Fall 2021 - 2024
- BST 5210: Categorical Data Analysis, Fall 2020 - 2024
- BST 5220: Multilevel and Longitudinal Data Analysis, Spring 2019 - 2024
- BST 5960: Capstone in Biostatistics, Spring 2016 - 2019
- BST 5020: Theory of Biostatistics, Fall 2007 - 2008, 2010, 2012 - 2014, 2017
- BST 5030: Statistical Programming and Study Planning: SAS, Summer 2015, Spring 2016, Spring 2020

### **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**

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### **Mentoring Doctoral Students**

- |           |   |
|-----------|---|
| 2018-2023 | <b>Chair, Doctoral Dissertation Committee, Saint Louis University</b><br>Chisom Obiezu-Umeh – Development and Validation of a Tool for Assessing the Sustainability of Evidence-Based HIV Interventions and Programs for Young People in Bub-Saharan Africa |
| 2018-2022 | <b>Chair, Doctoral Dissertation Committee, Saint Louis University</b><br>Yan Xie - Uncertainty of Causal Inference - An Ensemble Analytic Approach Accounting for Uncertainty of Hyper-Parameters   |
| 2017-2021 | <b>Chair, Doctoral Dissertation Committee, Saint Louis University</b><br>Benjamin (Charlie) Bowe - Identification of Inpatient Acute Kidney Injury Phenotypes Using Large Scale Electronic Medical Records  |
| 2016-2020 | <b>Chair, Doctoral Dissertation Committee, Saint Louis University</b><br>Daphne Lew – The longitudinal impact of maternal mental health, home environment, and neighborhood social context on adolescent mental health among fragile families               |

Hong Xian, Ph.D.

- 2014-2017 **Chair, Doctoral Dissertation Committee, Saint Louis University**  
Weijian Liu - Change in Body Weight and Its Impact on Survival and Survivorship among Patients with Non-Hodgkin Lymphoma
- 2024-Present **Member, Doctoral Dissertation Committee, Saint Louis University**  
Yi Huang - Impact of Marijuana Usage on Adolescent's Mental Health and College Education: A causal analysis using National Longitudinal Study of Adolescent to Adult Health (Add Health)
- 2022-2024 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Andrew Oberle – Trauma survivor support practices Assessment
- 2021-2024 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Yueqi Li - Influence of Adolescent Insomnia on Cigarette Use, Obesity and Diabetes in Adulthood.
- 2019-2023 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Dajun Tian - Impact of Opioid Use Disorder on Readmission Following Acute Kidney Injury: Analysis of the U.S. Nationwide Readmissions Database
- 2019-2023 **Member, Doctoral Dissertation Committee, Saint Louis University**  
David Ayoola Oladele - Development and Validation of a Psychometric Scale to Assess the Adoption of Evidence-based Task-shifting Strategies in Africa. (AEBIS)
- 2019-2023 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Titola Abike Gbaja-Biamila - PrEP4Youth: Amplifying Awareness and Willingness of Pre-Exposure Prophylaxis (PrEP) among Adolescents and Young Adults in Nigeria
- 2021-Present **Member, Doctoral Dissertation Committee, Saint Louis University**  
Stacey Mason - Communicating HEALth: Mental Health Literacy and Help-Seeking Behaviors Among Black Youth
- 2020-2021 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Adaobi Anakwe - Before the Cradle: The social ecosystem of men's preconception health and reproductive planning
- 2020-2021 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Jia Sun - Modification of Indoor Pollution on the Associations between Preterm Birth and Maternal Family History of Hypertension, Irregular work shift, and Multivitamin intake
- 2019-2022 **Member, Doctoral Dissertation Committee, Saint Louis University**

Hong Xian, Ph.D.

- Longwen Zhao - Spatial Temporal Pattern of COVID-19 in the United States
- 2019-2022 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Ting Xiao - The relationships between neighborhood quality, sleep, and depression
- 2017-2020 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Miao Cai - Modeling Truck Safety Critical Events: Efficient Bayesian Hierarchical Statistical and Reliability Models
- 2017-2022 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Satish Munigala - Predictors for the medium and long-term risk of pancreatic cancer
- 2017-2018 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Scott Vouri - Antimuscarinics for Overactive Bladder and Cognitive Impairment in Older Adults
- 2016-2017 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Julia Lopez - Examining the Impact of Ryan White Hiv/Aids Program on Hiv-Related Health Outcomes
- 2015-2017 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Maya Tabet - Birthweight and Neonatal Death: Reexamining the Low Birthweight Indicator Using Sibling Data
- 2015-2016 **Member, Doctoral Dissertation Committee, 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 **Member, Doctoral Dissertation Committee, 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 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Amy Estlund – Depression Predictors of Negative Sexual and Mental Health Outcomes Among Young Women in the Contraceptive Choice Project
- 2013-2020 **Member, Doctoral Dissertation Committee, Saint Louis University**  
Richard DeClue – Epidemiology of post-treatment Lyme disease syndrome in Wisconsin

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### **Mentoring Master's Degree Students**

- 2023-2024 Chair of Master's Thesis Committee, Saint Louis University  
Sravani Melike – Exploring the Influence of Substance Use, Income, Family Dynamics, and Significant Relationships on Willingness to Take Risk in Age 18-26
- 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**

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

### **INVITED SPEAKER/LECTURESHIP**

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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



Hong Xian, Ph.D.

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

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### Current

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

Title of project: Sustaining Innovative Tools to Expand Youth-Friendly HIV Self-Testing (S-ITEST)  
 Role: Co-Investigator; (Principal Investigator: Drs Iwelunmor, Tucker, and Ezechi)  
 Period: 07/2023 – 06/2028  
 Amount: \$5,814,286  
 Source: NIH

Title of project: US-Nigerian Cancer Control Center for Research on Implementation Science and Equity (C3-RISE)  
 Role: Co-Investigator; (Principal Investigator: Drs Iwelunmor, Tucker, and Ezechi)  
 Period: 07/2023 – 06/2028  
 Amount: \$4,483,439  
 Source: NIH

Title of project: Innovative Tools to Expand Music-Inspired Strategies for Blood Pressure and Stroke Prevention (I-TEST BP/STROKE)  
 Role: Co-Investigator; (Principal Investigator: Drs. Iwelunmor, Tucker, Williams, Ezechi)  
 Period: 04/2023 – 03/2028  
 Amount: \$3,697,165  
 Source: NIH

Title of project: Stimulating Training and Access to Research Experiences for Minority and Underrepresented Populations (NIAID STAR)  
 Role: Co-Investigator; (Principal Investigator: Drs. Iwelunmor, Trcker)  
 Period: 08/2023 – 07/2028  
 Source: NIH

Hong Xian, Ph.D.

Title of project: Innovative Rapid Enabling, Affordable, point-of-Care HPV Self-Testing Strategy (I-REACH)  
 Role: Co-Investigator; (Principal Investigator: Drs Iwelunmor, Tucker, and Ezechi)  
 Period: 04/2023 – 03/2028  
 Amount: \$3,224,053  
 Source: NIH

**Completed**

Title of project: ITEST: Innovative Tools to Expand Youth-Friendly HIV Self-Testing  
 Role: Co-Investigator; (Principal Investigator: Juliet Iwelunmor, Ph.D.)  
 Source: NIH  
 Period: 09/01/2018 – 08/31/2023  
 Amount: \$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-Treated Rheumatoid Arthritis Patients (INDIAR)  
 Role: Co-Investigator; (Principal Investigator: Seth Eisen, MD)  
 Period: 07/01/2021 – 12/31/2022  
 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, Ph.D.)  
 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, Ph.D.)  
 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)

Hong Xian, Ph.D.

- Role: Consultant; (Principal Investigator: Edwin Trevathan, MD)  
 Period: 10/01/2017 – 09/30/2018  
 Source: NIH
- 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

Hong Xian, Ph.D.

- 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

Hong Xian, Ph.D.

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

Hong Xian, Ph.D.

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Multilevel and longitudinal data analysis; Latent variable analysis; Clinical and psychiatric epidemiologic studies; Biometrical genetic modeling of twin or other family data.

## BIBLIOGRAPHY

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### Citations from [www.scholar.google.com](http://www.scholar.google.com) (as of 09/15/2024)

	All	Since 2019
Citations	15918	8172
h-index	66	40
i10-index	174	148

### 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. PMID: PMC1089180

Hong Xian, Ph.D.

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**, Toomey R, Chantarujikapong S & Tsuang MT. The genetics of pathological gambling. *Seminars in Clinical Neuropsychiatry*. 2001; **6**(3):195-204
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