Past NIH Grant Support:

5T01SMI3833-23 1994 - 1997

Substance Abuse and Mental Health Services Administration Minority Mental Health Clinical Traineeship

SAMSHA-funded pre-doctoral clinical research training grant intended to develop excellent researchers in ethnic minority mental health.

5-T32-MH 13043 2001 - 2004

National Institutes of Mental Health

Ruth L. Kirschstein National Research Service Award

NIMH-funded post-doctoral research training grant sponsored at the Psychiatric Epidemiology Training Program at the Mailman School of Public Health, Columbia University.

P0263MD20 (Bruce G. Link, Ph.D. and Jo C. Phelan, Ph.D.) 2001- 2002

National Institutes of Mental Health

Contract Title: "Stigma Measurement White Paper"

This project seeks to produce a comprehensive review of measures relevant to the stigma of mental illness.

Role: Research Assistant Percent Effort: 25%

Annual Direct Costs: \$21,320 (\$34,680 for 1.5 years)

R01 MH074985-01 (Bruce Link, Ph.D. and Bernice Pescosolido, Ph.D.) 2005- 2007

National Institutes of Mental Health

Grant Title: "Assessing Change in Mental Illness Stigma Over a Decade "

This project addresses whether a decade of national effort in combating stigma has been reflected in changes in the public's knowledge, attitudes and behavioral predispositions toward people with mental illness and to identify the social processes which underlie attitudinal change.

2006-2008

Role: Co-Investigator

Percent Effort: 10% (5% contributed)

Annual Direct Costs: \$291,582 (\$583,163 for 2 years).

R21 (Bruce G. Link, Ph.D.)

National Institutes of Mental Health

Grant title: "Stigma and Psychosis: A Prospective Study"

This project seeks to examine the experiences of stigma that early-onset psychotic patients experience prior to or during an early psychiatric hospitalization.

Role: Co-Investigator

Percent Effort: 15% contributed

Annual Direct Costs: \$137,500 (\$275,000 for 2 years)

Pilot Study (Ezra Susser, M.D., Dr.PH.)

2007-2008

National Institutes of Environmental Health Studies

Grant Title: "Pilot Study: Famine, De Novo Mutations and Schizophrenia"

This project seeks to identify the genetic mechanisms that mediate how prenatal effects of exposure to famine among pregnant mothers result in greater risk of developing schizophrenia among their adult offspring. The study will take place in Wuhu (Anhui Province), China, with the period of famine exposure occurring during the Cultural Revolution (1959-1961).

Role: Co-Investigator

Percent Effort: 10% contributed

Annual Direct Costs: \$80,000 for 1 year

K01 MH73034-01 (Yang)

2005-2010

National Institutes of Mental Health

Grant Title: "Expressed Emotion and Stigma among Chinese-Americans with Schizophrenia"

This project seeks to examine how cultural, familial, and societal factors affect course of schizophrenia among Chinese-Americans immigrants.

Role: Principal Investigator

Percent Effort: 95%

Annual Direct Costs: \$145,628 (\$728,141 for 5 years). Funded on first submission.

<u>5R25GM062454-07</u> (AF Abraido-Lanza)

01/01/10-05/31/10

NIH/National Institute of General Medical Sciences IMSD at Columbia's Mailman School of Public Health

This project supports an Initiative for Maximizing Student Development (IMSD) program, the goal of which is to increase the diversity of students who receive doctoral training in public health and contribute to public health research focusing on those groups that experience disparities in health.

Role: Course Instructor for Seminar Spring 2010

Percent Effort: 5%

Annual Direct Costs: \$387,270

<u>1R03MH092666-01</u> (Yang)

07/01/11-06/30/13

National Institutes of Mental Health (Priority Score= 20; 7th percentile)

Grant Title: "Examining the Deficit Syndrome Subtype in an Untreated and Treated Representative Cohort of Schizophrenia Patients in China"

This proposal examines the Deficit Syndrome 'subtype'—characterized by persistent, primary negative symptoms—for the first time in an 'untreated/minimally treated', non-acute group to facilitate the causes and identification of salient biological markers of schizophrenia.

Role: Principal Investigator

Percent Effort: 25%

Annual Direct Costs: \$50,000 (\$100,000 for 2 years).

Present NIH Grant Support:

1 R01 MH11808992 (Yang)

09/01/15- 08/31/20

National Institutes of Mental Health

Grant Title: "Characterizing cognition across the lifespan in untreated psychosis in China"

The national '686 Project' is a historic transformation of China's mental health services and is the largest national program to offer free treatment to persons with psychosis. This project provides an unprecedented opportunity to study the 'natural state' of cognition in a large untreated sample of individuals with psychosis (n=400), in the absence of the effect of medications, compared with a treated sample (n=400). The proposed research training program increases capacity to intervene with untreated psychosis and may serve as a model for scale-up for first intervention in China.

Role: Principal Investigator

Percent Effort 30%

Annual Direct Costs: \$449,910 (\$2,249,550 for 5 years). Funded on first submission.

1 R01 MH096027-01 (Yang)

05/22/12-05/21/17

National Institutes of Mental Health (Priority Score= 14; 2nd percentile) Grant Title: "Stigma Associated with a High-Risk State for Psychosis"

This proposal examines stigma experiences among a High Risk for Psychosis (HRP) group (n=196) at initial HRP identification and then at 6 month follow-up. We also examine the neurocognitive and social cognitive underpinnings of stigma perceptions in the HRP group. We examine how stigma and its social cognitive bases in the HRP group may adversely impact psychological, social, and developmental outcomes among HRP individuals.

Role: Principal Investigator Percent Effort: 30-34%

Annual Direct Costs: \$249,892 (\$1,249,457 for 5 years). Funded on first submission.

<u>1P50HG007257-01</u> (Paul S. Appelbaum, MD)

08/01/13-05/31/18

National Human Genome Research Institute

Grant Title: Center for Research on the Ethical, Legal and Social Implications of Psychiatric, Neurologic and Behavioral Genetics

This P50 grant supports a center to promote research and training on ethical, legal, and social implications in psychiatric, neurologic and behavioral genetics.

Role: Steering Committee Member (Co-Investigator)

Percent Effort: 3% (Years 3 through 5)

Annual Direct Costs: \$380,000 (\$1,900,000 for 5 years)

<u>1 U010H010516-01A1</u> (Kung)

07/01/14-06/30/16

National Institute for Occupational Safety and Health/ OEP 10516-01A1

Grant Title: "Mental Health Impact and Service Use among Asian Survivors and Rescuers Exposed to the WTC Attack"

The objective of this research is to learn about the manifestation of PTSD among Asian American groups and the help-seeking patterns associated with this group. The purpose of this project is to examine these issues in a group of Asian Americans in close proximity to the 9/11 tragedy in Manhattan.

Role: Subcontract PI Percent Effort: 5%

Annual Direct Costs: \$71,803 (\$119,176 for 2 years)

<u>U19 MH95718-01</u> (Ezra Susser, M.D., Dr.PH.)

09/20/11- 09/19/16

National Institutes of Mental Health

Grant Title: "Regional Network for Mental Health Research in Latin America"

This Collaborative Hub for International Research in Mental Health (RFA-MH-11-070) establishes a research hub in Latin and South America (Chile, Brazil and Argentina). We plan a multi-site Randomized Clinical Trial creating a task-shifting intervention involving peer mentors in which primary care is linked to MH specialty care for individuals with severe mental illness. Dr. Yang leads the Shared Research Component—the development of a culture-specific measure of internalized stigma—across Hub sites.

Role: Co-Investigator

Percent Effort: 10% (Years 3-5)

Annual Direct Costs: \$494,939 (\$2,474,696 for 5 years)

<u>U19 MH95718-01 Supplement</u> (Ezra Susser, M.D., Dr.PH.)

09/01/15- 08/31/16

National Institutes of Mental Health

Grant Title: "Regional Network for Mental Health Research in Latin America (Stigma)"

As a Supplement to the Collaborative Hub for International Research in Mental Health (RFA-MH-11-070), we utilize a new formulation of how culture impacts stigma to create two psychometrically validated tools in Chile and Argentina to assess stigma's culture-specific effects and their impacts upon functioning.

Role: Co-Investigator Percent Effort: 10%

Annual Direct Costs: \$87,371 (1 year)

Pending NIH Grant Support (Submitted):

<u>U19 MH11962362</u> (Ruben Alvarado, Ph.D.)

04/01/16-03/31/21

National Institutes of Mental Health

Grant Title: "Scale-up of Mental Health Services in Cordoba, Argentina"

This project plans a two-stage iterative integration and evaluation of primary and community mental health services in conjunction with a major scale-up of mental health services being initiated by the city of Cordoba. Our project models a collaboration between researchers and policymakers and makes a major contribution to closing the mental health gap in Argentina and other Latin American contexts such as Peru and Bolivia.

Role: Co-Investigator

Percent Effort: 10% (Years 1-5)

Annual Direct Costs: \$499,000 (\$2,495,000 for 5 years)

2 R01 NS078419 (Dr. Ruth Ottman, Ph.D.)

04/01/16-03/31/20

National Institutes of Neurological Disorders and Stroke Grant Title: "Psychosocial Impact of Genetics in Epilepsy"

In a diverse sample of individuals with epilepsy treated at Columbia University Medical Center, to investigate the psychosocial impacts of genetic attribution of epilepsy, participation rates in a precision medicine program, and impacts of receiving genomic results.

Role: Co-Investigator

Percent Effort: 10% (Years 1-4)

Annual Direct Costs: \$407,824 (\$1,631,296 for 4 years)

Pending NIH Grant Support (To Be Submitted Prior to January 2016):

R01 (Submission Date 10/05/15) (Yang)

07/01/16-06/30/21

National Human Genome Research Institute

Grant Title: "Genetic Attributions, Stigma and Genetic Testing in the Clinical High-Risk State for Psychosis"

This proposal examines the effects of providing genetic information on stigma and preferences for genetic testing among a Clinical High Risk State for Psychosis (CHR) group (n=300). We examine how stigma may impact developmental expectations among adolescents and young adult CHR individuals, and family members.

Role: Principal Investigator

Percent Effort: 30%

Annual Direct Costs: \$499,000 (\$2,250,000 for 5 years)

<u>1 R01 MH096027-01 Supplement</u> (Submission Date 10/05/15) (Yang)

03/01/16-02/28/18

National Institutes of Mental Health

Grant Title: "Stigma Associated with a High-Risk State for Psychosis (Neuroscience)"

This proposal builds upon the parent RO1 by examining additional behavioral and neural paradigms that may underlie stigma's effects upon cognitive processes that may be predictive of transition to psychosis in CHR.

Role: Principal Investigator

Percent Effort: 5%

Annual Direct Costs: \$103,739 (\$207,478 for 2 years)

R21 (Submission Date 9/7/15) (Opondo)

06/01/16-05/31/18

Project Title: "Developing a Culture-Specific Intervention to Reduce HIV Stigma among HIV-infected individuals in Botswana"

This proposal (PI: Philip Opondo) utilizes the 'what matters most' approach to develop an culture-specific intervention to decrease stigma of HIV testing and enhance treatment adherence in Botswana.

Role: Multiple- Principle Investigator

Percent Effort: 10%

Direct Cost: \$137,500 (\$274,999 for 2 years)

Past Other Grant Support

5-T06-SM 56564 2006, 2007

Substance Abuse and Mental Health Services Administration

Minority Fellowship Program - Psychology Summer Institute Continuing Research Grant

Total: \$2,500 each

<u>Time-sharing Experiments for the Social Sciences (TESS)</u> (Yang)

2008

National Science Foundation (NSF)

Project Title: "Effects of Violent Exemplars on Racial and Mental Illness Outgroups: Examining the Impacts of the Columbine and Virginia Tech School Shootings"

Vignette experiment to examine the effects of shooter's race and mental illness status on subsequent outgroup stereotypes and judgments via survey administered to a diverse, randomly-selected subject population (n= 1,125). Selected via competitive submission process by NSF-funded infrastructure project (TESS).

New York State Office of Mental Health (Yang)

2009-2010

Project Title: "Adaptation of the 'In Our Own Voice- Family Companion' Anti-Stigma Intervention to Chinese American Relatives of People with Psychotic-Spectrum Disorders in New York City" Annual Direct Costs: \$12,000 (1 year)

This proposal seeks to empower a small cadre of Chinese American caregivers of people with severe mental illness to produce a Chinese-language video presentation depicting caregivers' experiences that will form the basis for a culturally-adapted anti-stigma intervention based on "In Our Own Voice-Family Companion (IOOV-FC).

<u>Columbia University School of Public Health (Calderone Prize</u>) (Yang) 2009-2010 Project Title: "Stigma Associated with a High-Risk State for Psychosis: Potential Adoption of a Controversial Diagnosis for DSM-V"

Annual Direct Costs: \$25,000 (1 year)

This proposal utilizes comprehensive stigma conceptualizations and measures to examine whether stigma is experienced more severely among a recently-labeled 'high-risk' state for psychosis group when compared with a matched group of controls. This feasibility study will adapt measures and yield pilot data for a multi-site, longitudinal study for a future R01 proposal.

Cultural Competence Unit- NYS Office of Mental Health (Yang)

2010-2011

Award for Advancing Minority Mental Health- American Psychiatric Foundation 2012

Project Title: "Brief Anti-Stigma Intervention with Chinese American Relatives of People with

Schizophrenia"

Annual Direct Costs: \$5,000 (2 years)

This proposal will pilot-test a brief, 3-session intervention to provide psychoeducation and anti-stigma intervention to Chinese immigrant relatives of schizophrenia patients who are at high-risk of treatment nonadherence.

<u>Irving Institute for Clinical & Translational Research (Columbia Univ.)</u>

2010-present

Project Title: "Schizophrenia Prevention: Using the Tools of Cognitive Neuroscience to Understand

Stigma Associated with the Risk Label in the Community" (Co-PI; Corcoran & Yang)

Direct Costs: \$20,000 (4 months)

This Phase I Planning Grant for Collaborative and Multidisciplinary Pilot Research seeks to use cognitive neuroscience assessment tools to evaluate stigma in youths identified as 'at-risk for psychosis' compared with other youths

National Alliance for Research on Schizophrenia and Depression (Yang)

1/11-1/13

Young Investigator Award

Project Title: "Stigma Associated with a High-Risk State for Psychosis among Adolescents: Impacts on Identity and Recovery"

Annual Direct Costs: \$60,000 (2 years)

This project seeks to investigate how stigma impacts adolescent identity among individuals identified with a newly-developed 'prodromal' diagnosis for psychosis.

MHASFO-CU13-0132 (Yang)

07/01/12-12/31/14

MH Association of SF

Project Title: "CalMHSA Stigma and Discrimination Reduction Program Number 3: The Promising Practices Project"

This project, in conjunction with the Mental Health Association of San Francisco (MHASF), seeks to examine strengths, resources and culturally specific attitudes among culturally and ethnically diverse communities to reduce mental illness stigma in California statewide.

Role: Subcontract PI (Co-Principal Investigator)

Percent Effort: 20%

Annual Direct Costs: \$19,084 (\$80,355 for 2.5 years)

MHASFO-CU14-0576 (Yang)

07/01/13-12/31/14

MH Association of SF

Project Title: "CalMHSA Stigma and Discrimination Reduction Program Number 3: The Promising

Practices Project: Idioms Project"

This project, in conjunction with the Mental Health Association of San Francisco (MHASF), is a supplemental award that examines indigenous idioms of psychiatric distress among Asian Americans, African Americans, Latino Americans, and American Indian groups within California. This project seeks to identify culturally-indigenous interpretations which serve to protect against stigma and to promote social integration within these minority groups.

Role: Subcontract PI (Co-Principal Investigator)

Percent Effort: 10%

Annual Direct Costs: \$9,924 (\$32,824 for 1.5 years)

LIVSTR CU14-2679 (Yang)

07/20/14-12/31/14

Livestrong Foundation

Project Title: "Stigma of Cancer in Mexico and South Africa"

Qualitative data analysis of two Livestrong national cancer stigma campaigns: 1) Qualitative focus groups in South Africa from 4 stakeholders groups; and 2) Social Media (Facebook) Analysis of the LiveStrong Mexico Facebook page.

Role: Subcontract PI

Direct Cost: \$12,000 (5 months)

<u>CU14-1078</u> (Yang) 04/01/14-06/30/15

Peers Envisioning and Engaging in Recovery Services

Project title: "Stigma Intervention for Mental Illness for Chinese Americans in Alameda, CA"

This proposal will pilot-test a 10-session community-based intervention to provide psychoeducation and anti-stigma intervention to Chinese Americans with experiences of psychosis/depression to reduce stigma and discrimination.

Role: Subcontract PI Percent Effort: 15%

Direct Costs: \$71,500 (15 months total)

Present Other Grant Support:

Robert Wood Johnson Foundation Seed Grant (Mason)

12/13-08/15

Project Title: "Stigmatizing Attitudes Toward HIV Testing Among Chinese Immigrants in NYC"

This proposal (PI: Katherine Mason) examines stigma experiences utilizing the 'what matters most' approach related to HIV testing in the New York City context among Chinese immigrants.

Role: Co-Investigator (no salary coverage)

Direct Cost: \$10,250 (1 year)

<u>Univ of Pennsylvania MH/AIDS Research Center Pilot Grant</u> (Opondo) 07/15-06/16 Project Title: "Developing and Validating Culture-Specific Measures of HIV and Stigma in Botswana"

This proposal (PI: Philip Opondo) utilizes the 'what matters most' approach to identify and develop culture-specific measures related to stigma of HIV testing and mental illness in Botswana.

Role: Co-Investigator (no salary coverage)

Direct Cost: \$12,500 (1 year)

Pending Other Grant Support (Submitted):

Zuckerman Mind Brain & Behavior Institute (MBBI) (Hankerson and Yang) 12/01/15-11/30/18 Project Title: "A Faith-based, Anti-Stigma Program to Increase Mental Health Utilization in West Harlem, New York"

This collaborative community project enriches capacity for a large (n=9,000 members) African American church in West Harlem to reduce stigma of depression and to better identify and treat this condition and to create a scalable model for use with other African American groups.

Role: Co-Principal Investigator

Percent Effort: 14%

Annual Direct Costs: \$159,762 (\$479,287 for 3 years) (Note this grant is invited by the MBBI to foster

university/community collaborations)

Pending Other Grant Support (To Be Submitted Prior to January 2016):

Brain and Behavior Foundation (Submission Date 11/15/15) (Yang)

07/01/16-06/30/18

Independent Investigator Award

Project Title: "The Neuroscience of Stigma: Neural Correlates of Transition to Psychosis among the

Clinical High Risk State for Psychosis"

Annual Direct Costs: \$100,000 (2 years)

This proposal tests two cognitive neuroscience paradigms to identify behavioral and neural correlates underlying stigma's effects upon cognitive processes that may be predictive of transition to psychosis in CHR.