

BIOGRAPHICAL SKETCH

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NAME Zhaoxing Pan	POSITION TITLE Associate Professor		
eRA COMMONS USER NAME (credential, e.g., agency login) Zhaoxing.pan			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
<i>University of Colorado Health Sciences Center Denver, Colorado</i>	Ph.D.	12/999	Biometrics
<i>University of Colorado Health Sciences Center Denver, Colorado</i>	MS.	08/1994	Biometrics
<i>Sun Yat-Sen University of Medical Sciences Guangzhou, P.R. China</i>	M.B. (Equivalent to MD)	08/1983	Medicine

A. Personal Statement

This proposal uses randomized clinical trial to evaluate effects of VPA on weight loss maintenance, energy balance and metabolic health as compared to MPA. I have assisted in the development of this study by Dr. John C Peters and the team. I will continue to provide statistical support for this study. I am a senior biostatistician and associate professor in the Department of Pediatrics at the University of Colorado Medical School and a member of The Children's Hospital Colorado Research Institute Biostatistics Core and in Anschutz Health and Wellness Center. I have expertise in a wide array of statistical methods beyond basic design and analysis. For the past 15 years, I have actively participated in phase I-III clinical trials as a study statistician or co-investigator in various area of clinical and translational medical research including nutritional and behavior interventions. My extensive and diverse experiences in collaboration with investigators in academic setting places me in good stead to complete the workload for the current research protocol effectively. I look forward to working with all team members on this application assembled by Dr. Peters to achieve the study goals.

B. Positions and Honors

Positions and Employment

July 2015- Present	Senior Biostatistician (Associate Professor) Colorado Clinical and Translational Sciences Institute (CCTSI)/ The Children's Hospital Colorado Research Institute Biostatistics Core/ Anschutz Health and Wellness Center, Department of Pediatrics of University of Colorado Denver Medical school
Jan 2010 – Jun 2015	Senior Biostatistician (Assistant Professor) Colorado Clinical and Translational Sciences Institute (CCTSI)/ The Children's Hospital Colorado Research Institute Biostatistics Core/ Anschutz Health and Wellness Center, Department of Pediatrics of University of Colorado Denver Medical school

Nov 2004 – **Senior Biostatistician (Instructor)**
 Dec 2009 Colorado Clinical and Translational Sciences Institute (CCTSI)/ The Children's Hospital
 Colorado Research Institute Biostatistics Core, Department of Pediatrics of University of
 Colorado Denver Medical school

Dec 1999 – **Biostatistician (Research Associate)**
 Oct 2004 National Center for Children, Families and Communities, The Children's Hospital, University of
 Colorado Denver

Jan 1994 – **Data Manager and Biostatistician**
 Nov 1999 Biostatistics Core, University of Colorado Cancer Center

Aug 1983 - **Surgeon in general surgery and Faculty**
 Aug 1991 The Third University Hospital, Sun Yat-Sen University of Medical Sciences, Guangzhou,
 P.R. China.

Other Experience and Professional Memberships

Nov 2002 – Nov
 2004 **Assistant Clinical Professor**
Department of Preventive Medicine and Biometrics, University of Colorado Health Sciences Center
(UCHSC)

Jun 2002 – Jun
 2005 **Scientific Advisory Biostatistician** of Institutional Animal Care and Use Committee (IACUC),
 University of Colorado Health Sciences Center

July 2005 -
 Present **DSMB Biostatistician** for three follow-up studies for three randomized clinical prevention trials of
 nurse family partnership by Dr. David Olds.

Nov 2008 -
 Present **Ad Hoc Statistical Reviewer** for Journal of Nutrition Education and Behavior

C. Contributions to Science

<http://scholar.google.com/citations?user=Nz7ZuOgAAAAJ&hl=en&cstart=60&pagesize=20;>

My main scientific contribution is the application and development of advanced statistical methods for medical research through collaboration with other investigators. For most of the studies, I participated in all levels of collaboration including study development, data base setup, data analysis and manuscript preparation. I have published 75 co-authored peer-reviewed scientific manuscripts through these collaboration activities with other scientists. Listed below are four recent publications from projects of randomized clinical trials that were funded by NIH or industry in the area of nutrition and/or behavior intervention research.

1. Victoria A. Catenacci, **Zhaoxing Pan**, Danielle Ostendorf, Sarah Brannon, Wendolyn S. Gozansky, Mark Mattson², Bronwen Martin, Paul S. MacLean, Edward L. Melanson and William Troy Donahoo, A randomized pilot study comparing zero-calorie alternate-day fasting to daily caloric restriction in adults with obesity, *Obesity*, September, **2016**, Vol 24, issue 9, pages 1874-1883
2. Robin L. Gabriels, Psy.D., **Zhaoxing Pan**, Ph.D., Briar Dechant, B.S., John A. Agnew, Ph.D., Natalie Brim, B.A. and Gary Mesibov, Ph.D., Randomized Controlled Trial of Therapeutic Horseback Riding in Children and Adolescents with Autism Spectrum Disorder, *Journal of the American Academy of Child and Adolescent Psychiatry*, **2015** <http://dx.doi.org/10.1016/j.jaac.2015.04.007>.
3. John C. Peters, Holly R. Wyatt, Gary D. Foster, **Zhaoxing Pan**, Alexis C. Wojtanowski, Stephanie S. Vander Veur, Sharon J. Herring, Carrie Brill and James O. Hill, The effects of water and non-nutritive sweetened beverages on weight loss during a 12-week behavioral weight loss treatment program. *Obesity* Volume 22, Number 6, **June 2014**

4. Madalynn Neu, **Zhaoxing Pan**, Rachel Workman, Cassandra Marcheggiani-Howard, Glenn Furuta and Mark L. Laudenslager "Benefits of Massage Therapy for Infants with Symptoms of Gastroesophageal Reflux Disease", Biological Research for Nursing, **2013** Dec 30.

D. Research Support

ACTIVE

P30DK048520, NIH/NIDDK 01/01/97 – 7/31/20

Colorado Nutrition Obesity Research Center (NORC)

PI: James Hill

Effort/Funding Level: 1.8 Calendar months / \$752,722

Goal: This is a center grant to foster collaborative, multidisciplinary research in nutrition among NIH-funded nutrition researchers. The grant supports core laboratories and a pilot project program.

Role: Biostatistician

R01 DK 097266 01A1, NIH/NIDDK

PI: Vicki Catenacci, MD 12/01/2012-11/30/2017

Optimal Timing Of Exercise Initiation Within a Lifestyle Weight Loss Program

Goal: This is to use a two-arm randomized trial to evaluate the efficacy of two weight loss regimen with different timing of exercises.

My Role: Statistician and co-investigator

CEGIR U54 AI117804 (2013 – 2018)

PI: Marc E. Rothenberg, MD, PhD, in Cincinnati Children's and Glenn Furuta, MD as administrative director.

Goal: This study includes multiple studies aiming to better define eosinophilia GI disease and find treatment for this newly defined medical condition.

My role: Biostatistician

COMPLETED

NIDRR H133G130200

PI: James Carollo, PhD

Walking and its Effect on Health and Function in Individuals with Cerebral Palsy as they Transition to Adulthood: A Health Outcomes Study

Goal: This study is to evaluate the effect of gait pattern on various health outcomes in CP population.

My role: Biostatistician

NIH NIDDK 5K23DK085150-04 (2011/02/15 – 2016/01/31)

PI: Sundaram, Shikha Seksaria, MD

Goal: This study is to evaluate the relationship between sleep problem and NAFLD.

My role: Biostatistician

1R01NR012736-01

PI: Robin Gabriels, Psy.D

Effects of Therapeutic Horseback Riding on Children and Adolescents with Autism Spectrum Disorders 9/2010-9/2015

Goal: This two-arm randomized clinical trial is to assess the efficacy of a horse-back therapeutic riding on children and adolescents with autism spectrum disorders.

My Role: Statistician and Co-investigator

Total Direct Cost: \$244,958 per year

1R21NR011069-01A2

PI: Madalynn Neu, Ph.D

Massage Therapy for Infants with Symptoms of GERD 6/2010 to 6/2012

Goal: This two-arm randomized clinical trial is to assess the efficacy of a massage therapy for infants with symptoms of GERD.

My Role: Statistician and Co-investigator

Total direct costs: \$150,000 per year

September 2004 – Mar 2010

PI: Ruth O'Brien, PhD, RN, FAAN

Support: Centers for Disease Control and Prevention - 1 U49 CE000316-01

Project Goal: This is a cluster-randomized trial to examine whether the implementation of an augmented competency based approach to training of home visitors and supervisors for delivery of an evidence based home visiting program improve staff performance, fidelity to the program model, and family outcomes relative to child maltreatment and early behaviors associated with youth violence.

Role: Statistician