

Hui-Yi Lin, PhD
Date: June 2019

Current Position: Associate Professor
Biostatistics Program
School of Public Health
Louisiana State University Health Sciences Center (LSUHSC)
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Education:

2001-2004 Ph.D. Biostatistics, Tulane University, New Orleans, LA
1999-2001 M.S. Biostatistics, University of Michigan at Ann Arbor, Ann Arbor, MI
1994-1996 M.S. Health Behavior, National Taiwan University, Taipei, Taiwan
1991-1994 B.PH Public Health, National Taiwan University, Taipei, Taiwan

Postgraduate Training

2004-2006 Postdoctoral Researcher, Stanley S. Scott Cancer Center & School of Public Health,
Louisiana State University Health Sciences Center, New Orleans, LA

Academic Appointments & Employment:

09/2015- present Associate Professor with Tenure, Biostatistics Program, School of Public Health,
Louisiana State University Health Sciences Center (LSUHSC)

08/2017- present Director of Biostatistics & Bioinformatics Core, Center for Translational Viral
Oncology, Stanley S. Scott Cancer Center

07/2014-09/2015 Tenured Associate Member, Biostatistics and Bioinformatics Department,
Moffitt Cancer Center and Research Institute, Tampa, FL

Associate Professor, Department of Oncologic Sciences, University of South
Florida, Tampa, FL

01/2009-06/2014 Assistant Member, Tenure track, Biostatistics Department, Moffitt Cancer Center
and Research Institute, Tampa, FL

Assistant Professor, Department of Oncologic Sciences, University of South
Florida, Tampa, FL

07/2006-12/2008 Assistant Professor, Research track, Department of Medicine, University of
Alabama at Birmingham, AL

Biostatistician and Associate Scientist, Biostatistics and Bioinformatics Unit,
Comprehensive Cancer Center, University of Alabama at Birmingham, AL

Associate Scientist, Center for AIDS Research, University of Alabama at
Birmingham, AL

12/2004-06/2006 Postdoctoral Researcher, Stanley S. Scott Cancer Center & School of Public
Health, Louisiana State University Health Sciences Center, New Orleans, LA

2002-2004	Research Assistant, School of Public Health, Louisiana State University Health Science Center, New Orleans, LA
2001-2004	Teaching Assistant, Department of Biostatistics, Tulane University, New Orleans, LA
1996-1999	Research Specialist, the Executive Yuan, Department of Health, Taipei, Taiwan
1993-1995	Research Assistant, National Taiwan University, Institute of Public Health, Taipei, Taiwan

Teaching Experience

University Courses

1. LSUHSC Courses

BIOS 6102 (4 credits): Biostatistical Methods II + SAS Lab
2016-2019 Spring

BIOS 6610 (2 credits): Biostatistical Consulting
2016-2019 Fall

BIOS 6700 (1 credit): Research Seminar in Biostatistics
2016-2019 Fall

2. Courses at Moffitt & University of South Florida:

Nov. 2014 **Instructor**, Cancer Research Techniques (BSC 6457), Cancer Biology Ph.D. program, University of South Florida
- “Biostatistics: Hypothesis and Statistical Inferences”

Sep-Nov. 2014 **Course Coordinator & Instructor**, Biostatistics 101 for Cancer Researchers (BIOS 101), Moffitt Cancer Center & Research Institute, Tampa, FL

Sep-Nov. 2014 **Course Coordinator and Instructor**, Selected Topics in Cancer Biology BIOSTATISTICS 101 for Cancer Researchers (BSC 6939), Moffitt Cancer Center & Research Institute, Tampa, FL

Jan. 2013 & 2014 **Instructor**, Biostatistical Case Studies and Collaboration I (PHC 6060), Dept. of Epidemiology and Biostatistics, University of South Florida
- A total of two three-hour lectures, “Introduction of Single Nucleotide Polymorphism (SNP) Data Analyses” and “Single Nucleotide Polymorphism (SNP) Association Tests”.

May 2013 **Co-chair & Instructor**, Biostatistics 101 for Cancer Researchers (BIOS 101), Moffitt Cancer Center, Tampa, FL
- Lecture entitled “Special Topics for High Dimensional Genetic Data: Single Nucleotide Polymorphism (SNP) data analyses”

Jan. 2013 **Instructor**, Survival Data Analysis (PHC 6055), Dept. of Epidemiology and Biostatistics, University of South Florida
- Lecture entitled “Survival Data” (three-hour class)

- Jan.-Feb. 2012 **Instructor**, Survival Data Analysis (PHC 6055), Dept. of Epidemiology and Biostatistics, University of South Florida
- A total of two three-hour lectures, SNP associated with overall survival were introduced in the class. The lecture titles are “Kaplan-Meier Estimate of Group Survivorship” and “Group Comparison of Survivorships: Log-rank Tests”
- Jun. 2010, 2011 & 2013 **Co-chair & Instructor**, Genomics and Medical Genetics (one-week full-day class), Summer Institute for Training in Biostatistics (SIBS), University of South Florida
- Design the course contents and gave a total of three one-hour lectures for each year in “SNP Data Analyses Introduction,” “SNP association tests,” “SNP-SNP interactions”, and a computer lab practice.
- Nov. 2009 & Nov. 2010 **Instructor**, Cancer Research Techniques (BSC 6457), Cancer Biology Ph.D. program, University of South Florida
- “Biostatistics- Fundamentals of Statistics” and “Hypothesis Inferences”,
- Oct. 2009 **Instructor**, Biostatistics 101 for Cancer Researchers (BIOS 101), Moffitt Cancer Center, Tampa, FL
- Lecture entitled “Hypothesis and Statistical Inferences”
- 2001-2004 **Teaching Assistant**, Introductory Biostatistics, Department of Biostatistics, Tulane University, New Orleans, LA

3. Other Courses:

Moffitt Biostatistics Journal Club, Tampa, FL

- Mar. 2013, “Evaluating Gene-gene and Gene-environmental Interactions: the Lung Cancer Example”
- May 2012, “Validation of SNP-SNP Interactions in Angiogenesis Genes Associated with prostate cancer aggressiveness”
- Feb. 2012, “A Powerful Two-Stage Machine Learning Approach for Identifying SNP-SNP Interactions”
- Oct. 2010, “Performance of Machine-Learning Methods in Detecting SNP-SNP Interactions”

4. Teaching and Training Experience:

Graduate training (LSUHSC):

PhD students:

- Heng-Yuan Tung, Biostatistics, PhD dissertation advisor, 08/2016-present
- Xinnan Wang, Biostatistics, PhD committee member, 08/2017-present
- Michelle Lawrence Bidwell, Behavioral & Community Health Sciences (BCHS), PhD dissertation committee member, 05/2019-present
- Meijiao Zhou, Epidemiology, PhD committee member, 08/2016-05/31/2019
- Yi Zhai, Biostatistics, PhD committee member, 01/2016-04/2017

Master students:

- McKensie P. Osborn, Biostatistics, MS committee member, 11/2017-present
- Catherine Y. Callan, Biostatistics, MS thesis advisor, 10/2017-5/2018
- Sishi Cao, Biostatistics, MS committee member, 09/2015-04/2016

Other teaching activities (LSUHSC):

Jun-Jul 2018 **Mentor** (co-mentor with Dr. Tungsung Tseng) to teach a local high-school student for the LSUHSC Summer Research Internship Program in summer 2018. This internship was founded by the NCI/NIH, Entergy Foundation, and the LSU School of Medicine.

Statistics and Genetics (SAGE) Research Team (Jan 2018- present)

Director. This research group is use to conduct genetic and public health related research and train graduate students for statistical analyses. A weekly regular meeting was conducted.

Awards for trainees:

Heng-Yuan Tung (advisor: Hui-Yi Lin). **Student research award**, Use of a novel statistical method for identifying interactions of SNP pairs associated with prostate cancer aggressiveness in African Americans. Louisiana Chapter of the ASA: Spring 2017, University of Louisiana at Lafayette, Lafayette, Louisiana

Paige Fisher, the **2nd place of Poster Presentations** in the LSUHSC SPH Delta Omega Honors Day. Hui-Yi Lin, Paige Fisher, Tung-Sung Tseng. "Impact of Cancer Diagnosis on High-Risk Alcohol Intake", May 2019.

Manal Malik, Haynes Academy for Advanced Studies. Mentors: Drs. Tung-Sung (Sam) Tseng and Hui-Yi Lin. **1st place of Poster presentation in High school Category**. The LSUHSC Summer Research Internship Program Poster Day, July 2018.

Graduate training (Moffitt):

Jan- May 2014 **Advisor** of Special Project (PHC 6977, 3-hour credits) for Tzu-Hua Juan, a master student in the Department of Epidemiology and Biostatistics (major: biostatistics) at USF.

Aug- Dec 2013 **Mentor** of filed experience for Tzu-Hua Juan, a master student in the Department of Epidemiology and Biostatistics at USF.

Aug- Sep 2013 **Mentor** of filed experience for Christine Huang, an undergraduate student at USF.

May- Oct 2013 **Mentor** of filed experience for Ian Valentine, a master student in the Department of Epidemiology and Biostatistics at USF.

Aug -Nov2012 **Mentor** of filed experience for Ben O. Osongo, a master student in the Department of Epidemiology and Biostatistics at USF.

May-Sep 2012 **Mentor** of filed experience for Shams Rahnam, a master student in the Department of Epidemiology and Biostatistics at USF for the summer internship.

- Jan-May 2012 **Mentor** of filed experience for Maral Saadati, a Ph.D. student in Statistics, for the research assistantship. - She now works as a scientist in the Division of Biostatistics at the German Cancer Research Center in Heidelberg, Germany.
- Sep 2010-Feb 2011 **Mentor** for Nimisha Chheda, a master student in the Department of Epidemiology and Biostatistics at USF for the internship
- May-Jul 2010 **Mentor** for Lei Liu, a master student in the Department of Epidemiology and Biostatistics at USF for the summer internship
- Apr 2009-Jul 2010 **Supervisor** for Ph.D. Dissertation of Jenny Wey, who is a Ph.D. student in the Department of Epidemiology and Biostatistics at USF.
- We have published three ovarian cancer SNP papers in *Cancer Res.* (PMID:21482675, 2011), *Cancer Epidemiol Biomarkers Prev.* (PMID:21636674, 2011), and *Nat Commun.* (PMID:23535648, 2013).
- Jun-Dec 2009 **Supervisor** for master's thesis of Selina Radlein, who was a graduate student in the Department of Epidemiology and Biostatistics at USF. Ms. Radlein is currently employed at the Moffitt Cancer Center.
- We have published one prostate cancer paper in *Urology* (PMID:21802122, 2011) and gave four presentations at the national conferences.
- She works as a Research Coordinator in Dept. of Cancer Epidemiology at Moffitt.
- July 2006-Dec 2008 **Mentor** for a master's level statistician on statistical programming and maintaining the annual report system in the National Spinal Cord Injury Statistical Center at UAB.

Undergraduate training:

Mar 2013- Jun. 2013 **Mentor** for Yang Gao, an undergraduate in the College of Arts and Science at USF

Residents/Clinical Fellows/Post-Doctoral trainees:

- Aug 2011-May 2014 **Co-mentor** for Christine M. Pierce Campbell, Postdoctoral Fellow in the Molecular & Genetic Epidemiology Program at Moffitt Cancer Center.
- We have published one HPV manuscript in *Lancet* (2013) and gave four presentations in the national (2013 AACR) and international conferences (The 28th IPV Conference, 2012).
- Mar-Oct 2009 **Mentor** for Jessica Freilich, who was a medical student at USF, worked on breast cancer projects with Dr. Eleanor Harris in Division of Radiation Oncology at Moffitt.
- We have published one breast cancer paper in *Int J Radiat Oncol Biol Phys* (PMID:22867892, 2013).
- Jan- Dec 2007 **Mentor** for junior physicians (Douglass B. Clayton, Andrew M. Strang, and Jared Cox) on clinical trial design and statistical result interpretation for the Dept. of Urology at UAB.
- Jan 2007-Dec 2008 **Mentor** for junior physicians (Michael J. Mugavero and Michael E. Kimberling) on clinical trial design and statistical result interpretation for the cancer center and Center for AIDS Research at UAB.
- K23 Mentored Patient-Oriented Research Career Development Award (MH082641, PI: Mugavero, Dec. 2007-Dec. 2008)
- We have published nine papers and nine presentations in national conferences.

Invited Seminars

LSUHSC, Biostatistics Colloquium, Biostatistics Program, Apr. 2019, “Impact of Interaction patterns on genetic association studies: an example of prostate cancer”, New Orleans, LA.

LSUHSC Stanley S. Scott Cancer Center, Cancer Center Work-in-Progress (WIP) meetings, Oct. 2018, “Evaluating Gene-Gene Interactions on Prostate Cancer Aggressiveness”, New Orleans, LA.

LSUHSC Stanley S. Scott Cancer Center, Cancer Center Work-in-Progress (WIP) meetings, Oct. 2018, “Role of Statistical Support in Grant Application”, New Orleans, LA.

National Taipei University of Nursing and Health Sciences, Department of Health Care Management. Jun. 2016, “Genetic Biomarkers’ Impact on Cancer and Public Health”, Taipei, Taiwan.

LSUHSC, Epidemiology Program, Mar. 2016, “Genetic Association Studies in Cancer”, New Orleans, LA.

LSUHSC, Biostatistics Colloquium, Biostatistics Program, Jun. 2015, “Machine Learning & Pattern Search Approach for Gene-Gene (SNP-SNP) Interaction Detection Associated with Prostate Cancer”, New Orleans, LA.

Moffitt Cancer Center & Research Institute, Departments of Biostatistics and Bioinformatics, Nov. 2014, “Impacts of the Nicotinic Receptor Gene Variants on Nicotine Dependence and Lung Adenocarcinoma”, Tampa, FL.

University of South Florida, Department of Cell Biology, Microbiology and Molecular Biology, Sep. 2014, “Impact of SNP-SNP Interactions on Prostate Cancer”, Tampa, FL.

National Taiwan University, Research Center of Genes, Environment, and Human Health, College of Public Health, Graduate Institute of Epidemiology & Preventive Medicine, Jun. 2013, “Impact of Gene-gene Interactions on Prostate Cancer: Machine Learning Approach”

University of Southern Mississippi, Nov. 2007, “Interactions in SNP association studies”

University of Alabama at Birmingham, Biostatistics Unit, Microarray and Proteomics Working Group Series, Nov. 2007, “SNP-SNP interactions in Complex Diseases”

University of Alabama at Birmingham, Biostatistics Unit, Microarray and Proteomics Working Group Series, Apr. 2007, “Detecting SNP-SNP interactions in complex diseases using Multivariate Adaptive Regression Splines (MARS)”

University of Alabama at Birmingham, Biostatistics Unit, Microarray and Proteomics Working Group Series, Nov. 2006, “Limitation of logistic models for detecting SNP-SNP interactions”

University of Miami, May 2006, “MARS-logit Models to Detect Gene-Gene Interactions”

Northwestern University, Dept. of Preventive Medicine, Apr. 2006, “Variable Selection in the MARS-logit Models to Detect Gene-Gene Interactions”

University of Utah, School of Medicine, Department of Oncological Sciences, Feb. 2006, “Variable Selection in the MARS-logit Models to Detect Gene-Gene Interactions”

University of Kansas Medical Center, Dept. of Preventive Medicine & Public Health, Nov. 2005, “Gene-gene Interactions Using MARS-logit Models in Case-control study”

Honors and Awards

2013 Outstanding Faculty Performance, Moffitt Cancer Center & Research Institute
2009 ENAR Junior Researcher Travel Award, International Biometric Society
2007 Travel Award, the Susan G. Komen Breast Cancer Foundation, September
2004 Award for Excellence in Biostatistics, Tulane University, May
1994 Honorary Member, the Phi Tau Phi Scholastic Honor Society, National Taiwan University
1992 Presidential Award at school performance, National Taiwan University

Research Support

Active

Account: P20 GM121288-01 (PI: Reiss)
Dates: 08/15/2017 – 05/31/2022
Source: NIH/NIGMS
Title: Center for Translational Viral Oncology
% Effort: 10%
Role in the Study: Co-Investigator (**Biostatistics & Bioinformatics Core Director**)
Total Amount of Award: \$2,073,694

Account: P60 AA009803 (PI: Molina)
Dates: 12/10/2014 – 11/30/2019
Source: NIH/NIAAA
Title: LSUHSC-NO Comprehensive Alcohol-HIV/AIDS Research Center
% Effort: 30%
Role in the Study: Co-Investigator
Total Amount of Award: \$1,771,755

Account: 1P20CA202922-01A1 (PI: Miele/Gregory)
Dates: 09/1/2017-08/31/2021
Source: NIH/NCI
Title: 2/2 Southeast Partnership for Improving Research & Training in Cancer Health Disparities
% Effort: 10%
Role in the Study: Co-Investigator
Total Amount of Award: \$750,000

Account: R15CA231510-01 (PI: L.J. Su, UAMS)
Dates: 7/1/2018 – 6/30/2021
Source: NIH/NCI
Title: Genetic variability in DHFR and folic acid supplementation as novel risk factors for aggressive prostate cancer
% Effort: 5%
Role in the Study: Co-Investigator

Total Amount of Award: \$ 489,650
Account: (PI: Ochoa)
Dates: 07/01/2016 – 06/30/2017
Source: LSU Stanley S. Scott Cancer Center
% Effort: 10%
Role in the Study: Co-Investigator

Completed

Account: 5R21CA202417-02 (PI: Lin)
Dates: 07/07/2016 – 05/31/2019
Source: NIH/NCI
Title: Gene-Gene Interactions and Their Functional Roles in Prostate Cancer Aggressiveness
% Effort: 10%
Role in the Study: PI
Total Amount of Award: \$283,620

Account: R01CA228166-01 (PI: Z. Qin)
Dates: 05/01/2018-04/30/2023
Source: NIH/NCI
Title: Periodontal bacteria enhance oral KSHV pathogenesis and Kaposi's Sarcoma development in HIV+ patients
% Effort: 5%
Role in the Study: Co-Investigator
Total Amount of Award: \$1,125,000

Moffitt Cancer Center & Research Institute (Jan. 2009-Sep. 2015):

Completed

Account: Team Science Award (PI: Park, Berglund, Lin)
Dates: 09/01/2015 – 08/31/2016
Source: Moffitt Cancer Center and Research Institute
Title: Influence of gene expression on survival after prostatectomy for prostate cancer
% Effort: 7%
Role in the Study: Co-PI
Total Amount of Award: \$150,000
Date Submitted: July 2015

Account: **1R01 CA177586-01** (PI: Rollison)
Dates: 04/01/2014 – 03/31/2019
Source: NIH/NCI
Title: Prospective study of cutaneous viral infections and non-melanoma skin cancer
% Effort: 10%
Role in the Study: Co-Investigator
Total Direct Costs: \$2,498,509
Total Amount of Award: \$4,196,806

Date Submitted: July 2013

Account #: **5 R01 CA164109-02** (PI: Jim)
Dates: 09/01/2012 – 06/30/2017
Source: NIH/NCI
Title: Sickness Behaviors in Gynecologic Cancer Patients Treated with Chemotherapy
% Effort: 5%
Role in the Study: Co-Investigator
Total Direct Costs: \$1,557,578
Total Amount of Award: \$ 2,568,216

Account: **R21CA179659-01A1** (PI: Chornokur)
Dates: 07/01/2014 – 06/30/2016
Source: NIH/NCI
Title: Obesity and Prostate Cancer Risk in Black and White Men: A Functional Approach
% Effort: 10%
Role in the Study: Co-Investigator
Total Amount of Award: \$300,000

Account #: **1R03 CA176743-01A1** (PI: Giuliano)
Dates: 07/24/2013 - 06/30/2015
Source: NIH/NCI
Title: Cutaneous Human Papillomavirus Infection and Subsequent Risk of External Genital Lesions in Men
% Effort: 3%
Role in the Study: Co-Investigator
Total Direct Costs: \$50,000
Total Amount of Award: \$84,250

Account: **5R01 CA128813-05** (PI: Park)
Dates: 07/15/2008 – 05/31/2014 (NCE Status)
Source: NIH/NCI
Title: Genetic and Epigenetic Analysis of Angiogenesis Genes in Recurrent Prostate Cancer
% Effort: NCE Status
Role: Co-Investigator
Total Direct Costs: \$1,225,106
Total Amount of Award: \$2,037,398

Account #: **10-16385-99-01** (PI: Sullivan)
Dates: 09/23/2011 – 09/22/2016
Source: NCI/CTEP
Title: Southeast Phase II Clinical Trials Consortium (SEP2C)
% Effort: per patient basis
Role: Statistical Co-Investigator

Account #: **5P30 CA076292-15** (PI: Sellers)
Dates: 02/18/2012 – 01/31/2017
Source: NIH/NCI

Title: H. Lee Moffitt Cancer Center and Research Institute Support Grant
% Effort: 11%
Role: Statistical Co-Investigator
Total Direct Costs: \$8,694,670
Total Amount of Award: \$14,650,520

Account #: **RSGT-11-012-01-CPPB** (PI: Gwede)
Dates: 01/01/2011 – 12/31/2015
Source: ACS-RSG
Title: Increasing Access to Colorectal Cancer Testing (IACCT) for Blacks
% Effort: 8% years 1-3, 2% year 4
Role in the Study: Statistical Co-Investigator
Total Direct Costs: \$925,833
Total Amount of Award: \$1,111,000

Account #: **Moffitt Activity 09-33494-11-01** (PI: Pow-Sang)
Dates: 06/01/2010 – 06/30/2015
Source: Moffitt
Title: Genitourinary Oncology Program Statistical Support
% Effort: 10%
Role in the Study: Statistical Co-Investigator
Total Direct Costs: \$64,593
Total Amount of Award: \$64,593

Account #: **5R01 CA149429-04** (PI: Phelan)
Dates: 04/01/2010 – 01/31/2015
Source: NIH/NCI
Title: The Mitochondrial Genome and Ovarian Cancer Risk
% Effort: 10%
Role in the Study: Statistical Co-Investigator
Total Direct Costs: \$2,173,780
Total Amount of Award: \$3,310,513

Account: **Moffitt Innovation Award** (PIs: Siegel, Jim)
Dates: 02/01/2014 – 01/31/2015
Source: Moffitt Intramural Award
Title: The Role of Genetic and Epigenetic Variation in Patient-Reported Neuropathy in Colorectal Cancer
% Effort: 0%
Role in the Study: Co-Investigator
Total Direct Costs: \$40,000
Total Amount of Award: \$40,000
Date Submitted: December 2013

Account: **Team Science** (PIs: Jim, McLeod)
Dates: 02/14/2014 – 02/13/2015
Source: Moffitt Intramural Team Science
Title: Improving Prediction of Acute and Delayed Chemotherapy-Induced Nausea and Vomiting
% Effort: 5%
Role in the Study: Co-Investigator

Total Direct Costs: \$145,885
Total Amount of Award: \$145,885
Date Submitted: December 2013

Account: **5U54CA153509-05** (PI: Meade/Gwede)
Dates: 09/03/2010 – 08/31/2015
Source: NIH/NCI
Title: Tampa Bay Community Cancer Network (TBCCN): A Community Network Program Center
% Effort: 4%
Role in the Study: Co-Investigator
Total Amount of Award: \$465,894

Account: **4BB09** (PI: Gwede)
Dates: 12/11/2013 – 11/30/2015
Source: Bankhead-Coley Cancer Research Program
Title: Latinos CARES (Colorectal Cancer Awareness, Research and Screening) Project
% Effort: 2%
Role in the Study: Co-Investigator
Total Amount of Award: \$354,694

Account #: **5 K07 CA138499-05** (PI: Jim)
Dates: 09/25/2009 – 08/31/2014
Source: NCI
Title: Genetic Predictors of Cognitive Functions, Depression, and Fatigue in Cancer
% Effort: 2%
Role: Statistical Co-Investigator
Total Direct Costs: \$537,998
Total Amount of Award: \$581,037

Account #: **5R01 CA098803-09** (PI: Giuliano)
Dates: 09/27/2004 – 11/30/2014
Source: NIH
Title: Natural History of HPV Infection in Men: The HIM Study
% Effort: 4.75%
Role: Statistical Co-Investigator
Total Direct Costs: \$7,588,502
Total Amount of Award: \$10,688,810

Account #: **5U19 CA 148112-04** (PI: Sellers)
Dates: 07/02/2010 – 06/30/2014
Source: NIH/NCI
Title: Follow-up of Ovarian Cancer Genetic Association and Interaction Studies (Project 1)
% Effort: 10%
Role: Co-Investigator
Total Direct Costs: \$8,333,999
Total Amount of Award: \$9,892,844

Account #: **1 R21 AI101417-01** (PI: Nyitray)
Dates: 08/01/2012 – 07/31/2014
Source: NIH/NCI
Title: Factors Associated with Persistent Anal Human Papillomavirus Infection Among Men
% Effort: 0%
Role in the Study: Co-Investigator
Total Direct Costs: \$175,000
Total Amount of Award: \$294,875

Account #: **W81XWH1210113, P00001** (PI: Park)
Dates: 05/01/2012 – 04/30/2015
Source: Department of Defense
Title: Genetic and Epigenetic Biomarkers for Recurrent Prostate Cancer after Radiotherapy
% Effort: 5%
Role: Co-Investigator
Total Direct Costs: \$75,000
Total Amount of Award: \$125,250

Account #: **39582** (PI: Giuliano)
Dates: 06/01/2012 – 05/31/2013
Source: Merck & Co., Inc.
Title: Preparedness Study to Test the Future Efficacy of HPV Vaccine to Reduce HIV Infection
% Effort: 0%
Role in the Study: Co-Investigator
Total Direct Costs: \$521,708
Total Amount of Award: \$555,923

Account #: **5R01 CA143094-03** (PI: Lynch)
Dates: 05/01/2011 – 04/30/2015 (Effort completed 04/30/2013)
Source: NIH
Title: Host MMP-mediated regulation of the vicious cycle of bone metastases
% Effort: 5%
Role in the Study: Co-Investigator
Total Direct Costs: \$820,524
Total Amount of Award: \$1,370,275

Account #: **5R01 CA154596-03** (PI: Simmons)
Dates: 03/01/2011 – 02/29/2016 (Effort completed 03/30/2013)
Source: NIH/NCI
Title: Smoking Relapse-Prevention Intervention for Cancer Patients
% Effort: 5%
Role in the Study: Statistical Co-Investigator
Total Direct Costs: \$1,373,231
Total Amount of Award: \$2,293,296

Account #: **Moffitt Activity 69-160202-01-01** (PI: Giuliano)
Dates: 11/01/2009 – 10/31/2012
Source: V. Foundation

Title: Viruses in Pulmonary Cancer (VIP) Causes
% Effort 5%
Role: Co-Investigator
Total Direct Costs: \$363,636
Total Amount of Award: \$400,000

Account #: **Moffitt Activity 02-25860-11-08** (PI: Rollison)
Dates: 04/01/2011 – 09/30/2012
Source: CMRC
Title: Incident and Persistent Cutaneous HPV and Polyomavirus Infections in Healthy Individuals
% Effort: 5%
Role in the Study: Co-Investigator
Total Amount of Award: \$195,224

Account #: **09BR01** (PI: Park)
Dates: 07/01/2009 – 06/30/2012
Source: Bankhead Coley (sub from U. of Miami)
Title: Epigenetic Analysis and Outcome of Head & Neck Squamous Cell Cancer
% Effort 6%
Role: Statistical Co-Investigator
Total Direct Costs: \$82,512.15
Total Amount of Award: \$90,762.85

Account #: **09KN-15** (PI: Schabath)
Dates: 07/01/2009 – 06/30/2012
Source: State of FL James & Esther King
Title: Molecular Epidemiology of Lung Cancer Survival: A Pathway Approach
% Effort: 3%
Role: Statistical Co-Investigator
Total Direct Costs: \$340,910
Total Amount of Award: \$375,000

Account #: **38237** (PI: Giuliano)
Dates: 07/01/2010 – 06/30/2012
Source: Merck & Co., Inc.
Title: A Study of the Natural History of Oral HPV Infection among Men Participating in a Multi-national Study: The HIM Study
% Effort: 0%
Role in the Study: Co-Investigator

Account #: **CMRC Internal Funding** (PI: Weber)
Dates: 04/01/2011 – 03/31/2012
Source: Moffitt Foundation
Title: Donald A. Adam Comprehensive Melanoma Research Center (CMRC)
% Effort: 0%
Role: Co-Investigator
Total Direct Costs: \$195,224
Total Amount of Award: \$195,224

Account #: **5R01 CA114343-05** (PI: Sellers) ARRA
Dates: 03/15/2007 – 02/29/2012
Source: NIH/NCI
Title: Haplotype-based Genome Screen for Ovarian Cancer Loci
% Effort 5%
Role: Statistical Co-Investigator
Total Direct Costs: \$4,931,860.01
Total Amount of Award: \$7,200,178

Account #: **5P30 CA076292-13** (PI: Dalton)
Dates: 02/18/2007 – 01/31/2012
Source: NIH/NCI
Title: H. Lee Moffitt Cancer Center and Research Institute Support Grant
% Effort 15%
Role: Statistical Co-Investigator
Total Direct Costs: \$8,253,224
Total Amount of Award: \$13,641,447

Account #: **Moffitt Activity 84-15828-901** (PI: Nytray)
Dates: 03/26/2009 – 03/25/2011
Source: Merck & Co. Inc.
Title: Incidence and Persistence of Anal HPV in Heterosexual Men
% Effort 5%
Role: Statistical Co-Investigator
Total Direct Costs: \$80,002

Account #: **UF-EIES-0934003-MCC** (PI: Szabunio)
Dates: 03/01/2009 – 02/28/2011
Source: University of Florida
Title: Assessing Breast Cancer Risk by Diffuse Optical Tomography
% Effort 5%
Role: Statistical Co-Investigator
Total Direct Costs: \$30,133

Account #: **1RG-93-092-14** (PI: Lin/ Pledger)
Dates: 06/01/2009 - 11/30/2010
Source: Moffitt/ACS-IRG
Title: Genetic Variations in Angiogenesis-related Genes in Prostate Cancer Aggressiveness
% Effort 5%
Role: Co-Principal Investigator
Total Direct Costs: \$30,000

Account #: **6403-1056-00C** (PI: Chen)
Dates: 03/22/2010 – 07/22/2010
Source: NIH/USF
Title: Biostatistics in Medical and Health Research via Clinical Trials and Epidemiology
% Effort 3%
Role: Co-Investigator
Total Direct Costs: \$54,000

Account #: **5P30 CA076292-11** (PI: Lancaster)
Dates: 08/01/2009 – 07/31/2010
Source: Anna Valentine pre-SPORE/P01 award
Title: miRNA-based Strategies to Personalize Care for Women with Ovarian Cancer Chemotherapy
% Effort: 5%
Role: Statistical Co-Investigator
Total Direct Costs: \$24,912.98
Total Amount of Award: \$41,605.05

University of Alabama at Birmingham (2006-2008)

Completed

Account #: **K23 MH082641** (PI: Mugavero)
Dates: 12/01/2007 – 11/30/2012
Source: NIH
Title: Adherence to HIV Care: Advancing the Science
Role: Biostatistician

Account #: **CA089019-06-A2** (PI: Bland)
Dates: 09/01/2007 – 08/31/2012
Source: NIH
Title: SPORE in Breast Cancer
Role: Biostatistician

Account #: **HHS-N-260-2005-00008-C** (PI: Boppana)
Dates: 07/01/2005 – 06/30/2012
Source: NCI/ HHS/ PHS/NIH
Title: The Natural History of CMV-Related Hearing Loss and the Feasibility of CMV Screening as Adjunct to Hearing Screening in the Newborn
Role: Primary biostatistician to assist experimental design and provide statistical consultation

Account #: **R01 CA121187** (PI: Curiel)
Dates: 07/05/2007 – 05/31/2012
Source: NIH/NCI
Title: Monitoring of Advanced Virotherapy for Ovarian Cancer
Role: Biostatistician

Account #: **P30 DK56336** (PI: Allison)
Dates: 06/01/2007 – 05/31/2012
Source: NIH/NIDDK
Title: UAB Clinical Nutrition Research Unit (CNRU)
Role: Biostatistician

Account #: **R01 CA123197** (PI: Zhou/LoBuglio)
Dates: 02/01/2008 – 01/31/2012
Source: NIH / NCI
Title: Death Receptor-mediated Apoptosis and Therapy Strategies in Ovarian Cancer
Role: Biostatistician

Account #: **H133A060039** (PI: Chen)

Dates: 10/01/2006 – 09/30/2011
Source: NIDRR
Title: National Spinal Cord Injury Statistical Center
Role: Biostatistician

Account #: **P30 CA-13148** (PI: Partridge)
Dates: 04/01/2005 – 03/31/2010
Source: NIH/ NCI
Title: UAB Cancer Center Core Support Grant
Role: Statistician to provide biostatistics support for the Biostatistics Shared Facility

Account #: **R01 NS48353** (PI: Carroll)
Dates: 12/01/2004 – 11/30/2009
Source: NIH/NINDS
Title: Role of Neuregulin-1 in Schwann Cell Neoplasia
Role: Biostatistician

Account #: **1P30 AR050948** (PI: Elmets)
Dates: 08/01/2004 – 04/30/2009
Source: NIH/NIAMS
Title: UAB Skin Disease Research Center
Role: Biostatistician

Account #: **N01 CN 15136 MAO** (PI: Elmets)
Dates: 10/01/2002 – 09/29/2008
Source: NCI
Title: A Phase IIb Randomized, Double-Blind Project, Placebo Controlled Clinical Trial of Topical Bacteriophage T4 Endonuclease V in Organ Allograft Recipients with Actinic Keratoses
Role: Biostatistician

Account #: **U54 CA100949** (PI: Barnes)
Dates: 09/09/2003 – 08/31/2008
Source: NIH/NCI
Title: Center for Nutrient-Gene Interaction in Cancer Prevention
Role: Biostatistician of the Biostatistics/Bioinformatics Core Component

Account #: **P30 AI 27767** (PI: Saag)
Dates: 03/01/2003 – 02/28/2008
Source: NIH
Title: Birmingham Center for AIDS Research
Role: Biostatistician

Account #: **1R01 CA098932** (PI: Manne)
Dates: 12/01/2002 – 11/03/2007
Source: NCI
Title: Prognostic Molecular Markers Colorectal Cancer
Role: Biostatistician

Account #: (PI: Soong)
Dates: 05/01/2006 – 07/30/2007

Source: AJCC
Title: International Evidence-based Assessment of the Melanoma Staging System
Role: Biostatistician

Account #: **1 R01 DE 13694-01A1** (PI: Mestecky)
Dates: 08/01/2002 – 06/30/2007
Source: NIH/NIDCR
Title: Periodontal Disease: Role of Aberrant Ig Glycosylation
Role: Biostatistician

Patents

Determining Prostate Cancer Recurrence Using Polymorphisms in Angiogenesis-related Genes (PCT serial number: PCT/US2013/040337, May 9 2013)

Service

National Institute & Academic Association

2017-presnet **Co-Chair**, Genomics Forum, American Public Health Association's (APHA)

2017-2018 **Program Committee Chair**, Genomics Forum, American Public Health Association's (APHA)

May. 2016 Reviewer, NASA- European Space Agency (ESA) Artificial Gravity Bed Rest, the Behavioral Medicine (BMED) panel, National Aeronautics and Space Administration's (NASA) Human Research Program: 9 grant applications.

Feb. 2016 Reviewer, NASA/NSBRI Crew Health Research Announcement, the Behavioral Medicine (BMED) panel, National Aeronautics and Space Administration's (NASA) Human Research Program: 12 grant applications.

Mar. 2015 Reviewer, NASA/National Space Biomedical Research Institute (NSBRI) Crew Health Research Announcement, the Behavioral Medicine (BMED) panel, National Aeronautics and Space Administration's (NASA) Human Research Program: 11 grant applications.

Mar. 2014 Reviewer, the Immunology review panel, National Aeronautics and Space Administration's (NASA) Human Research Program.

Mar. 2014 Abstract Reviewer, the Applied Public Health Statistics program, American Public Health Association's (APHA) annual meeting.

LSU Health Sciences Center

May 2108-present PhD Comprehensive Exam Committee, Biostatistics Program, School of Public Health

Aug. 2017-present Appointments, Promotions and Tenure (APT) Committee, School of Public Health

Dec. 2016-present Graduate Coordinator, Biostatistics Program, School of Public Health

Nov. 2015-present Curriculum Committee, School of Public Health

Nov. 2017 Poster Judge, LSUHSC Graduate Research Day

Nov. 2015 Poster Judge, LSUHSC Graduate Research Day

Moffitt Cancer Center

Committees:

2012- Sep. 2015 **Committee Member** Laurel Board (biomarker studies), Scientific Review Committee (SRC) for Clinical Protocol Review & Monitoring System, monthly meeting

2009-Sep. 2015 **Committee Member**, Magnolia Board (clinical trials), Scientific Review Committee (SRC) for Clinical Protocol Review & Monitoring System, monthly meeting

Dec. 2014 **Committee Member**, Junior Faculty Research Award - Basic & Population Selection Committee.

Feb. 2014 **Committee Member**, Pilot Research Grants in Personalized Medicine. DeBartolo Family Personalized Medicine Institute At Moffitt Cancer Center

Grant Review:

Nov. 2014 Moffitt ACS-IRG grant, cycle 36
Apr. 2014 Moffitt ACS-IRG grant, cycle 35
Feb. 2014 Pilot Research Grants in Personalized Medicine
Oct.2013 Moffitt American Cancer Society – Institutional Research Grant (ACS-IRG) grant, cycle 34
Jun. 2013 Moffitt ACS-IRG grant, cycle 33
Dec. 2012 Moffitt ACS-IRG grant, cycle 32
Jun. 2012 Moffitt ACS-IRG grant, cycle 31
Dec. 2011 Moffitt ACS-IRG grant, cycle 30
Jun. 2011 Moffitt ACS-IRG grant, cycle 29
Jun. 2010 Health Disparities Pilot Grant Program
Oct. 2009 Moffitt ACS-IRG grant, cycle 28

Service at University of Alabama at Birmingham

Committees:

2006-2008 UAB Cancer Center Clinical Trial Protocol Review Committee

Profession:

Mar. 2013 **Poster judge**, the Advisory Board Poster Award Competition, the annual Eastern North American Region (ENAR) of the International Biometric Society meeting, Orlando FL.

Apr. 2012 **Poster judge**, the Advisory Board Poster Award Competition, the annual Eastern North American Region (ENAR) of the International Biometric Society meeting, Washington D.C.

2012- present **Member**, Program Committee, Gene Environment Interaction Workgroup, The Genomics Forum of APHA

Feb. 2011 **Committee**, 2011 Florida Chapter American Statistical Association Meeting

- Assisted organizing chapter meeting
- Chair of the presentation award

Dec. 2009 **Grant reviewer**, The Agency for Science, Technology and Research (A*STAR)
lead government agency for promoting and supporting R&D in Singapore

Jun. 2009 **Grant reviewer**, the NIH Challenge Grants in Health and Science Research

Journal Reviewer:

Translational Cancer Research (**Editorial Board**)
Health Behavior and Policy Review (**Associate Editor**)
Cancer Epidemiology, Biomarkers & Prevention
BMC Bioinformatics
BMC Medical Genetics
Annals of Epidemiology
Genetic Testing and Molecular Biomarkers
Journal of Health Psychology
Clinical Oncology
Journal of the Neurological Sciences
PLoS One
Journal of Research and Reports in Urology
British Medical Journal (BMJ) Open
Cancer Control Journal
Journal of Rural Health
Annals of Surgical Oncology
American Journal of Health Behavior (Review Board, 2011-2015)
International Journal of Science in Society
Human Genetics
Journal of Human Genetics
Medical Problems of Performing Artists
Journal of Clinical Oncology
Biometrics
The Oncologist
Computational Statistics and Data Analysis

Professional Association Memberships

2013-present	Member, American Association of Cancer Research
2012-present	Member, American Society of Human Genetics
2004-present	Member, American Public Health Association (APHA)
2002-present	Member, American Statistical Association
1994-present	Honorary Member, the Phi Tau Phi Scholastic Honor Society

Peer-Reviewed Publications (145 papers)

1. **Lin HY**, Fisher P, Harris D, Tseng TS. Alcohol Intake Patterns for Cancer and Non-cancer Individuals: A Population Study. Translational Cancer Research. 2019. Accepted.

2. Park JY, Luu HN, Park NY, **Lin HY**, Radlein S, Giuliano DP, Yeo CD, Kim SJ, Kang NY, Antwi S, Sexton W, Speiss P, Dickinson S, Parker A. Telomere Length in Peripheral Blood Leukocyte and Risk of Renal Cell Carcinoma. *Translational Cancer Research*. 2019. Accepted.
3. Kao YH, Lin WT, Thomas CL, **Lin HY**, Tseng TS. Association between Smoking and Neutrophil to Lymphocyte Ratio among Prostate Cancer Survivors: the National Health and Nutrition Examination Survey. *Translational Cancer Research*. 2019. In press.
4. Dai L, Qiao J, Yin J, Goldstein A, **Lin HY**, Post SR, Qin Z. KSHV and Staphylococcus aureus co-infection in oral cavities of HIV+ patients: a unique niche for oncogenic virus lytic reactivation. *J Infect Dis*. 2019. PubMed PMID: 31111897.
5. **Lin HY**, Callan CY, Fang Z, Tung HY, Park JY. Interactions of PVT1 and CASC11 on Prostate Cancer Risk in African Americans. *Cancer Epidemiol Biomarkers Prev*. 2019;28(6):1067-75. PubMed PMID: 30914434; PMCID: PMC6548667.
6. Kantrow SP, Jolley SE, Price-Haywood EG, Wang X, Tseng TS, Arnold D, Brown LF, Leonardi C, Scribner RA, Trapido EJ, **Lin HY**. Using the emergency department to investigate smoking in young adults. *Ann Epidemiol*. 2019;30:44-9. PubMed PMID: 30555003; PMCID: PMC6510949.
7. Katner A, Pieper K, Brown K, **Lin HY**, Parks J, Wang X, Hu CY, Masters S, Mielke H, Edwards M. Effectiveness of Prevailing Flush Guidelines to Prevent Exposure to Lead in Tap Water. *Int J Environ Res Public Health*. 2018;15(7). PubMed PMID: 30036962; PMCID: PMC6068841.
8. Alam MA, **Lin HY**, Deng HW, Calhoun VD, Wang YP. A kernel machine method for detecting higher order interactions in multimodal datasets: Application to schizophrenia. *J Neurosci Methods*. 2018;309:161-74. PubMed PMID: 30184473.
9. Yazbeck V, Shafer D, Perkins EB, Coppola D, Sokol L, Richards KL, Shea T, Ruan J, Parekh S, Strair R, Flowers C, Morgan D, Kmiecik M, Bose P, Kimball A, Badros AZ, Baz R, **Lin HY**, Zhao X, Reich RR, Tombes MB, Shrader E, Sankala H, Roberts JD, Sullivan D, Grant S, Holkova B. A Phase II Trial of Bortezomib and Vorinostat in Mantle Cell Lymphoma and Diffuse Large B-cell Lymphoma. *Clin Lymphoma Myeloma Leuk*. 2018;18(9):569-75 e1. PubMed PMID: 30122201.
10. **Lin HY**, Huang PY, Chen DT, Tung HY, Sellers TA, Pow-Sang JM, Eeles R, Easton D, Kote-Jarai Z, Amin Al Olama A, Benlloch S, Muir K, Giles GG, Wiklund F, Gronberg H, Haiman CA, Schleutker J, Nordestgaard BG, Travis RC, Hamdy F, Neal DE, Pashayan N, Khaw KT, Stanford JL, Blot WJ, Thibodeau SN, Maier C, Kibel AS, Cybulski C, Cannon-Albright L, Brenner H, Kaneva R, Batra J, Teixeira MR, Pandha H, Lu YJ, Consortium P, Park JY. AA9int: SNP interaction pattern search using non-hierarchical additive model set. *Bioinformatics*. 2018;34(24):4141-50. PubMed PMID: 29878078; PMCID: PMC6289141.
11. Earp M, Tyrer JP, Winham SJ, **Lin HY**, Chornokur G, Dennis J, Aben KKH, Anton-Culver H, Antonenkova N, Bandera EV, Bean YT, Beckmann MW, Borge L, Bogdanova N, Brinton LA, Brooks-Wilson A, Bruinsma F, Bunker CH, Butzow R, Campbell IG, Carty K, Chang-Claude J, Cook LS, Cramer DW, Cunningham JM, Cybulski C, Dansonka-Mieszkowska A, Despierre E, Doherty JA, Dork T, du Bois A, Durst M, Easton DF, Eccles DM, Edwards RP, Ekici AB, Fasching PA, Fridley BL, Gentry-Maharaj A, Giles GG, Glasspool R, Goodman MT, Gronwald J, Harter P, Hein A, Heitz F, Hildebrandt MAT, Hillemanns P, Hogdall CK, Hogdall E, Hosono S, Iversen ES, Jakubowska A, Jensen A, Ji BT, Jung AY, Karlan BY, Kellar M, Kiemeny LA, Kiong Lim B, Kjaer SK, Krakstad C, Kupryjanczyk J, Lambrechts D, Lambrechts S, Le ND, Lele S, Lester J, Levine DA, Li Z, Liang D, Lissowska J, Lu K, Lubinski J, Lundvall L, Massuger L, Matsuo K, McGuire V, McLaughlin JR, McNeish I, Menon U, Milne RL, Modugno F, Moysich KB, Ness RB, Nevanlinna H, Odunsi K, Olson SH, Orlow I, Orsulic S, Paul J, Pejovic T, Pelttari LM, Permuth JB, Pike MC, Poole EM, Rosen B, Rossing MA, Rothstein JH, Runnebaum IB, Rzepecka IK, Schernhammer E, Schwaab I,

- Shu XO, Shvetsov YB, Siddiqui N, Sieh W, Song H, Southey MC, Spiewankiewicz B, Sucheston-Campbell L, Tangen IL, Teo SH, Terry KL, Thompson PJ, Thomsen L, Tworoger SS, van Altena AM, Vergote I, Vestrheim Thomsen LC, Vierkant RA, Walsh CS, Wang-Gohrke S, Wentzensen N, Whittemore AS, Wicklund KG, Wilkens LR, Woo YL, Wu AH, Wu X, Xiang YB, Yang H, Zheng W, Ziogas A, Lee AW, Pearce CL, Berchuck A, Schildkraut JM, Ramus SJ, Monteiro ANA, Narod SA, Sellers TA, Gayther SA, Kelemen LE, Chenevix-Trench G, Risch HA, Pharoah PDP, Goode EL, Phelan CM. Variants in genes encoding small GTPases and association with epithelial ovarian cancer susceptibility. *PLoS One*. 2018;13(7):e0197561. PubMed PMID: 29979793; PMCID: PMC6034790.
12. Schumacher FR, Al Olama AA, Berndt SI, Benlloch S, Ahmed M, Saunders EJ, Dadaev T, Leongamornlert D, Anokian E, Cieza-Borrella C, Goh C, Brook MN, Sheng X, Fachal L, Dennis J, Tyrer J, Muir K, Lophatananon A, Stevens VL, Gapstur SM, Carter BD, Tangen CM, Goodman PJ, Thompson IM, Jr., Batra J, Chambers S, Moya L, Clements J, Horvath L, Tilley W, Risbridger GP, Gronberg H, Aly M, Nordstrom T, Pharoah P, Pashayan N, Schleutker J, Tammela TLJ, Sipeky C, Auvinen A, Albanes D, Weinstein S, Wolk A, Hakansson N, West CML, Dunning AM, Burnet N, Mucci LA, Giovannucci E, Andriole GL, Cussenot O, Cancel-Tassin G, Koutros S, Beane Freeman LE, Sorensen KD, Orntoft TF, Borre M, Maehle L, Grindedal EM, Neal DE, Donovan JL, Hamdy FC, Martin RM, Travis RC, Key TJ, Hamilton RJ, Fleshner NE, Finelli A, Ingles SA, Stern MC, Rosenstein BS, Kerns SL, Ostrer H, Lu YJ, Zhang HW, Feng N, Mao X, Guo X, Wang G, Sun Z, Giles GG, Southey MC, MacInnis RJ, FitzGerald LM, Kibel AS, Drake BF, Vega A, Gomez-Caamano A, Szulkin R, Eklund M, Kogevinas M, Llorca J, Castano-Vinyals G, Penney KL, Stampfer M, Park JY, Sellers TA, **Lin HY**, Stanford JL, Cybulski C, Wokolorczyk D, Lubinski J, Ostrander EA, Geybels MS, Nordestgaard BG, Nielsen SF, Weischer M, Bisbjerg R, Roder MA, Iversen P, Brenner H, Cuk K, Holleczeck B, Maier C, Luedeke M, Schnoeller T, Kim J, Logothetis CJ, John EM, Teixeira MR, Paulo P, Cardoso M, Neuhausen SL, Steele L, Ding YC, De Ruyck K, De Meerleer G, Ost P, Razack A, Lim J, Teo SH, Lin DW, Newcomb LF, Lessel D, Gamulin M, Kulis T, Kaneva R, Usmani N, Singhal S, Slavov C, Mitev V, Parliament M, Claessens F, Joniau S, Van den Broeck T, Larkin S, Townsend PA, Aukim-Hastie C, Gago-Dominguez M, Castelao JE, Martinez ME, Roobol MJ, Jenster G, van Schaik RHN, Menegaux F, Truong T, Koudou YA, Xu J, Khaw KT, Cannon-Albright L, Pandha H, Michael A, Thibodeau SN, McDonnell SK, Schaid DJ, Lindstrom S, Turman C, Ma J, Hunter DJ, Riboli E, Siddiq A, Canzian F, Kolonel LN, Le Marchand L, Hoover RN, Machiela MJ, Cui Z, Kraft P, Amos CI, Conti DV, Easton DF, Wiklund F, Chanock SJ, Henderson BE, Kote-Jarai Z, Haiman CA, Eeles RA, Profile S, Australian Prostate Cancer B, Study I, Canary PI, Breast, Prostate Cancer Cohort C, Consortium P, Cancer of the Prostate in S, Prostate Cancer Genome-wide Association Study of Uncommon Susceptibility L, Genetic A, Mechanisms in Oncology /Elucidating Loci Involved in Prostate Cancer Susceptibility C. Association analyses of more than 140,000 men identify 63 new prostate cancer susceptibility loci. *Nat Genet*. 2018;50(7):928-36. PubMed PMID: 29892016.
13. Dadaev T, Saunders EJ, Newcombe PJ, Anokian E, Leongamornlert DA, Brook MN, Cieza-Borrella C, Mijuskovic M, Wakerell S, Olama AAA, Schumacher FR, Berndt SI, Benlloch S, Ahmed M, Goh C, Sheng X, Zhang Z, Muir K, Govindasami K, Lophatananon A, Stevens VL, Gapstur SM, Carter BD, Tangen CM, Goodman P, Thompson IM, Jr., Batra J, Chambers S, Moya L, Clements J, Horvath L, Tilley W, Risbridger G, Gronberg H, Aly M, Nordstrom T, Pharoah P, Pashayan N, Schleutker J, Tammela TLJ, Sipeky C, Auvinen A, Albanes D, Weinstein S, Wolk A, Hakansson N, West C, Dunning AM, Burnet N, Mucci L, Giovannucci E, Andriole G, Cussenot O, Cancel-Tassin G, Koutros S, Freeman LEB, Sorensen KD, Orntoft TF, Borre M, Maehle L, Grindedal EM, Neal DE, Donovan JL, Hamdy FC, Martin RM, Travis RC, Key TJ, Hamilton RJ, Fleshner NE, Finelli A, Ingles SA, Stern MC, Rosenstein B, Kerns S, Ostrer H, Lu YJ, Zhang HW, Feng N, Mao X, Guo X, Wang G, Sun Z, Giles GG, Southey MC, MacInnis RJ, FitzGerald LM, Kibel AS, Drake BF, Vega A, Gomez-Caamano A, Fachal L, Szulkin R, Eklund M, Kogevinas M, Llorca J, Castano-Vinyals G,

- Penney KL, Stampfer M, Park JY, Sellers TA, **Lin HY**, Stanford JL, Cybulski C, Wokolorczyk D, Lubinski J, Ostrander EA, Geybels MS, Nordestgaard BG, Nielsen SF, Weisner M, Bisbjerg R, Roder MA, Iversen P, Brenner H, Cuk K, Holleccek B, Maier C, Luedeke M, Schnoeller T, Kim J, Logothetis CJ, John EM, Teixeira MR, Paulo P, Cardoso M, Neuhausen SL, Steele L, Ding YC, De Ruyck K, De Meerleer G, Ost P, Razack A, Lim J, Teo SH, Lin DW, Newcomb LF, Lessel D, Gamulin M, Kulis T, Kaneva R, Usmani N, Slavov C, Mitev V, Parliament M, Singhal S, Claessens F, Joniau S, Van den Broeck T, Larkin S, Townsend PA, Aukim-Hastie C, Gago-Dominguez M, Castela JE, Martinez ME, Roobol MJ, Jenster G, van Schaik RHN, Menegaux F, Truong T, Koudou YA, Xu J, Khaw KT, Cannon-Albright L, Pandha H, Michael A, Kierzek A, Thibodeau SN, McDonnell SK, Schaid DJ, Lindstrom S, Turman C, Ma J, Hunter DJ, Riboli E, Siddiq A, Canzian F, Kolonel LN, Le Marchand L, Hoover RN, Machiela MJ, Kraft P, Consortium P, Freedman M, Wiklund F, Chanock S, Henderson BE, Easton DF, Haiman CA, Eeles RA, Conti DV, Kote-Jarai Z. Fine-mapping of prostate cancer susceptibility loci in a large meta-analysis identifies candidate causal variants. *Nat Commun.* 2018;9(1):2256. PubMed PMID: 29892050; PMCID: PMC5995836.
14. Puri S, Hyland KA, Weiss KC, Bell GC, Gray JE, Kim R, **Lin HY**, Hoogland AI, Gonzalez BD, Nelson AM, Kinney AY, Fischer SM, Li D, Jacobsen PB, McLeod HL, Jim HSL. Prediction of chemotherapy-induced nausea and vomiting from patient-reported and genetic risk factors. *Support Care Cancer.* 2018;26(8):2911-8. PubMed PMID: 29546524; PMCID: PMC6200138.
 15. Chen Y, **Lin HY**, Tseng TS, Wen H, DeVivo MJ. Racial Differences in Data Quality and Completeness: Spinal Cord Injury Model Systems' Experiences. *Top Spinal Cord Inj Rehabil.* 2018;24(2):110-20. PubMed PMID: 29706755; PMCID: PMC5915102.
 16. Lin WT, Lin PC, Lee CY, Chen YL, Chan TF, Tsai S, Huang HL, Wu PW, Chin YT, **Lin HY**, Lee CH. Effects of insulin resistance on the association between the circulating retinol-binding protein 4 level and clustering of pediatric cardiometabolic risk factors. *Pediatr Diabetes.* 2018;19(4):611-21. PubMed PMID: 29383816.
 17. Wyczechowska D, **Lin HY**, LaPlante A, Jeansonne D, Lassak A, Parsons CH, Molina PE, Peruzzi F. A miRNA Signature for Cognitive Deficits and Alcohol Use Disorder in Persons Living with HIV/AIDS. *Front Mol Neurosci.* 2017;10:385. PubMed PMID: 29187813; PMCID: PMC5694774.
 18. Chen DT, Huang PY, **Lin HY**, Chiappori AA, Gabrilovich DI, Haura EB, Antonia SJ, Gray JE. A Bayesian pick-the-winner design in a randomized phase II clinical trial. *Oncotarget.* 2017;8(51):88376-85. PubMed PMID: 29179442; PMCID: PMC5687612.
 19. Lophatananon A, Stewart-Brown S, Kote-Jarai Z, Olama AAA, Garcia SB, Neal DE, Hamdy FC, Donovan JL, Giles GG, Fitzgerald LM, Southey MC, Pharoah P, Pashayan N, Gronberg H, Wiklund F, Aly M, Stanford JL, Brenner H, Dieffenbach AK, Arndt V, Park JY, **Lin HY**, Sellers T, Slavov C, Kaneva R, Mitev V, Batra J, Spurdle A, Clements JA, BioResource A, consortium P, Easton D, Eeles RA, Muir K. Height, selected genetic markers and prostate cancer risk: results from the PRACTICAL consortium. *Br J Cancer.* 2017;117(5):734-43. PubMed PMID: 28765617; PMCID: PMC5572182.
 20. Lindstrom S, Finucane H, Bulik-Sullivan B, Schumacher FR, Amos CI, Hung RJ, Rand K, Gruber SB, Conti D, Permut JB, **Lin HY**, Goode EL, Sellers TA, Amundadottir LT, Stolzenberg-Solomon R, Klein A, Petersen G, Risch H, Wolpin B, Hsu L, Huyghe JR, Chang-Claude J, Chan A, Berndt S, Eeles R, Easton D, Haiman CA, Hunter DJ, Neale B, Price AL, Kraft P, PanScan G, the Game-On Network: Corect DEF, Tricl I. Quantifying the Genetic Correlation between Multiple Cancer Types. *Cancer Epidemiol Biomarkers Prev.* 2017;26(9):1427-35. PubMed PMID: 28637796; PMCID: PMC5582139.
 21. Mattingly AE, Mooney B, **Lin HY**, Kiluk JV, Khakpour N, Hoover SJ, Laronga C, Lee MC. Magnetic Resonance Imaging for Axillary Breast Cancer Metastasis in the Neoadjuvant Setting: A Prospective Study. *Clin Breast Cancer.* 2017;17(3):180-7. PubMed PMID: 27956116.

22. Luu HN, **Lin HY**, Sorensen KD, Ogunwobi OO, Kumar N, Chornokur G, Phelan C, Jones D, Kidd L, Batra J, Yamoah K, Berglund A, Rounbehler RJ, Yang M, Lee SH, Kang N, Kim SJ, Park JY, Di Pietro G. miRNAs associated with prostate cancer risk and progression. *BMC Urol.* 2017;17(1):18. PubMed PMID: 28320379; PMCID: PMC5359825.
23. Gonzalez SJ, Mooney B, **Lin HY**, Zhao X, Kiluk JV, Khakpour N, Laronga C, Lee MC. 2-D and 3-D Ultrasound for Tumor Volume Analysis: A Prospective Study. *Ultrasound Med Biol.* 2017;43(4):775-81. PubMed PMID: 28187928.
24. **Lin HY**, Chen DT, Huang PY, Liu YH, Ochoa A, Zabaleta J, Mercante DE, Fang Z, Sellers TA, Pow-Sang JM, Cheng CH, Eeles R, Easton D, Kote-Jarai Z, Amin Al Olama A, Benlloch S, Muir K, Giles GG, Wiklund F, Gronberg H, Haiman CA, Schleutker J, Nordestgaard BG, Travis RC, Hamdy F, Pashayan N, Khaw KT, Stanford JL, Blot WJ, Thibodeau SN, Maier C, Kibel AS, Cybulski C, Cannon-Albright L, Brenner H, Kaneva R, Batra J, Teixeira MR, Pandha H, Lu YJ, Consortium P, Park JY. SNP interaction pattern identifier (SIPI): an intensive search for SNP-SNP interaction patterns. *Bioinformatics.* 2017;33(6):822-33. PubMed PMID: 28039167.
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Scientific Abstracts/Poster Presentations/Plenary Presentations:

1. **Lin HY**, Sarkar I, Cheng CH, Park J. Differential DNA Methylation Associated with KLK3 Genetic Variants in Prostate Cancer. American Public Health Association (APHA) Annual Meeting, Philadelphia, PA. 2019, Nov. 2019.
2. Lin WT, Kao YH, Li M, Luo T, Seal D, **Lin HY**, Lee CH, Tseng TS. Effect of sugar intake from sweetened beverages and abdominal obesity associated on Inflammation among pre-diabetes. American Public Health Association (APHA) Annual Meeting, Philadelphia, PA. 2019, Nov. 2019.
3. Kao YH, Lin WT, Thomas CL, **Lin HY**, Tseng TS. Association between Smoking and Neutrophil to Lymphocyte Ratio among Prostate Cancer Survivors: The 2005-2016 National Health and Nutrition Examination Survey. American Public Health Association (APHA) Annual Meeting, Philadelphia, PA. 2019, Nov. 2019.
4. Katner A, Parks, J, Pieper K, Tang M, Brown K, **Lin H**, Wang X, Hu C, Masters S, Mielke H, Edwards M. Practical Limitations Associated with Exposure Prevention Guidelines and Health Goals for Lead in Tap Water. Children's Environmental Health Symposium New Orleans, LA. June, 2019.
5. Su LJ, **Lin HY**, Chiang TC, Runnells G, Rogers L, Hsu PC, Henry-Tillman R, Kadlubar S. Association between genetic polymorphisms of DNMT genes and breast cancer in a nested case-control study of African Americans. American Association for Cancer Research Annual Meeting. Abstract. Atlanta, GA 2019.
6. **Lin HY**, Wang X, Tung HY, Tseng TS, Park J. Gene-alcohol interactions associated with prostate cancer aggressiveness. American Public Health Association (APHA) Annual Meeting, San Diego, CA. 2018, Nov. 2018.
7. Katner A, Pieper K, Brown K, Parks J, Hu CY, **Lin HY**, Wang X, Edwards M. Health Impacts of Low Dose Lead: Implications for Monitoring and Exposure Reduction Guidelines. 2018 Annual Water Resources Conference. Universities Council on Water Resources (UCOWR) & National Institutes of Water Resources (NIWR). Pittsburgh, PA. Jun. 2018. (oral presentation)
8. **Lin HY**, Wang X, Tung HY, Tseng TS, Park J, and the PRACTICAL Consortium. Impact of Alcohol Intake on Prostate Cancer Aggressiveness for Different Genetic Profiles. Louisiana Cancer Research Consortium (LCRC) Scientific Retreat, May 2018. Poster.
9. Callan C, Tung HY, **Lin, HY**. Interactions among 8q24 genes associated with prostate cancer risk in African American men. Louisiana Cancer Research Consortium Scientific (LCRC) Retreat, May 2018. Poster.
10. **Lin HY**, Huang PY, Park J. Impact of non-hierarchical model structure and inheritance mode on detecting SNP-SNP interactions. Eastern North American Region of the International Biometric Society (ENAR) Meeting, Atlanta, GA. Mar. 2018. (oral presentation)
11. **Lin HY**, Wang X, Tung HY, Tseng TS, Park J, and the PRACTICAL Consortium. Associations of Alcohol Intake and Genetic Variants with Prostate Cancer Aggressiveness. LSUHSC School of Public Health Delta Omega Honors Day, Apr. 2018. Poster.
12. Callan, C. **Lin, HY**. Gene-gene interactions in the 8q24 region associated with prostate cancer risk in African American men. LSUHSC School of Public Health Delta Omega Honors Day, Apr. 2018. Poster.
13. **Lin HY**, Huang PY, Cheng CH, Chen A, Tung HY, Park J. SNP-SNP interactions of KLK3 associated with prostate cancer aggressiveness. American Public Health Association (APHA) Annual Meeting, Atlanta, GA. 2017, Nov. 2017. (poster)
14. Tseng TS, Yang, S, Behrhorst D, Chiu YW, Hu CY, **Lin HY**. Gender and age disparities in relationship of acculturation, sugar-sweetened beverages consumption and obesity among Latino immigrants. APHA Annual Meeting, Atlanta, GA. 2017, Nov. 2017. (poster)

15. Tung HY, Park J, Cheng CH, Chen A, **Lin HY**. Impact of Gene-Gene Interactions on Aggressive Prostate Cancer in African Americans. Louisiana State Univ. Health Sciences Center Graduate Research Day, New Orleans, LA. 2017, Nov. (poster)
16. Tung HY, Park J, Cheng CH, Chen A, **Lin HY**. SNP-SNP interactions associated with Prostate Cancer Aggressiveness in African Americans. American Society of Human Genetics, Annual Meeting, Orlando, FL. 2017, Oct. 2017. (poster)
17. Tung HY, **Lin HY**. Use a novel statistical method for identifying interactions of SNP pairs associated with prostate cancer aggressiveness in African Americans. The Louisiana Chapter of the American Statistical Association (LA ASA) meeting, Lafayette, LA. Apr. 2017. (Student Research Competition award, oral).
18. Katner A, Pieper K, Parks J, Brown K, Hu C, **Lin H**, Wang X, Diaz J, Edwards M. Evaluation of prevailing flush guidelines to reduce water lead exposure. 253rd American Chemical Society National Meeting and Exposition. San Francisco, CA. April 4, 2017.
19. **Lin HY**, Huang PY, Cheng CH, Chen Ann, Tung H-Y, Park JY. Network interactions of KLK3 genetic variants associated with prostate cancer aggressiveness. Louisiana Cancer Research Center (LCRC) Scientific Retreat. New Orleans, LA. 2017, Mar. (poster)
20. **Lin HY**, Chen DT, Huang PY, Liu YH, Cheng CH, Park JY. Identifying SNP Interaction Patterns using an intensive approach. Joint Statistical Meeting (JSM). Chicago, IL. 2016, Aug. (oral)
21. **Lin HY**. Identification of SNP-SNP Interaction Patterns. Louisiana ASA chapter meeting. Lafayette, LA. 2015, Nov. (oral)
22. Tseng TS, **Lin HY**, Griffiths L, Cornwell K. Cancer status, obesity, and sugar intake from sugar-sweetened beverages: NHANES 2003-2012. The Obesity Society's Annual Meeting. New Orleans, LA. 2016, Oct.
23. **Lin HY**, Chen DT. Pattern Identification of SNP-SNP Interactions. Joint Statistical Meeting (JSM). Seattle, WA. 2015, Aug.
24. Jim H, Gonzalez B, Small B, Park J, **Lin HY**, Hicks C, Anasetti C, Jacobsen P. Genetic associations with depression and fatigue in hematopoietic cell transplant (HCT) recipients. Annual Meeting of the Society of Behavioral Medicine, San Antonio, TX. 2015, April.
25. Chen DT, **Lin HY**, Huang PY. Bayesian Approach of Two-arm Randomized Clinical Trial with the Simon Two-stage Design. The Florida Chapter American Statistical Association Meeting, Tampa, FL, Feb 2015.
26. **Lin HY**, Chen DT, Huang PY. Power Analysis of Interactions for Survival Data: Evaluation of Biomarker Predictive Effects. The Florida Chapter American Statistical Association Meeting, Tampa, FL, Feb 2015.
27. Zargar-Shoshtari K, Kim T, Simon R, **Lin HY**, Yue B, Sharma P, Spiess P, Poch M, Pow Sang J, Sexton W. Is Follow up beyond 2 Years Necessary for pT1a Renal Cell Carcinoma treated with Nephron Sparing Surgery? An Assessment of Late Recurrences and Surveillance Costs. American Urological Association (AUA)'s Annual Meeting, New Orleans, LA, May 2015.
28. Jentink KG, Sutton SK, MacQueen DA, **Lin HY**, Park JY, Drobos DJ, Evans DE. Cannabinoid CB1 Gene Variant Moderates Nicotine Withdrawal-Related Neural Endophenotypes of Cognitive Disruption. the Annual Meeting of the Cognitive Neuroscience Society. March 2015. (Poster)
29. Harrell PT, **Lin HY**, Park JY, Drobos DJ, Evans DE. Dopaminergic Genetic Variation Moderates Effect of Nicotine on Cigarette Reward Self-Report. the Annual Meeting of the College on Problems of Drug Dependence. Jun. 2015. (Poster)

30. Albero G, Castellsagué X, **Lin HY**, Fulp WJ, Pierce Campbell CM, Sudenga SL, Messina J, Stoler MH, Papenfuss MR, Abrahamsen M, Villa LL, Lazcano-Ponce E, Bosch FX, Giuliano AR. The effect of male circumcision on genital HPV infection and external genital lesions in the HIM study. EUROGIN 2015, Sevilla, Spain, Feb 2015.
31. Zargar-Shoshtari K, Kim T, Simon R, **Lin HY**, Yue B, Sharma P, Spiess P, Poch M, Pow Sang J, Sexton W. Is Follow up beyond 2 Years Necessary for pT1a Renal Cell Carcinoma treated with Nephron Sparing Surgery? An Assessment of Late Recurrences and Surveillance Costs. Society of Urologic Oncology. Bethesda, Maryland, Dec. 2014.
32. Williams KR, Davis SN, Govindaraju S, Vadaparampil S, Quinn G, Fulp W, **Lin HY**, Shibata D, Roetzheim R, Meade CD, Gwede CK. Gender differences in family influence on colon cancer screening. International Symposium on Minority Health & Health Disparities (ISMHHD), National Harbor, Maryland, Dec. 2014.
33. Chornokur G, **Lin HY**, Park JY, Kumar NB, Phelan CM. Differential gene expression profiles in prostate tumors of Black and White men. The AACR Cancer Health Disparities conference. San Antonio, Texas, Nov. 2014.
34. **Lin HY**, Fulp W, Pierce Campbell CM, Villa LL, Lazcano-Ponce E, Giuliano AR. HPV Co-infections Associated with Genital Warts: Machine Learning Approach. American Public Health Association (APHA) Annual Meeting, New Orleans LA, Nov. 2014. (oral)
35. Wischhusen J, Davis SN, Jackson B, Govindaraju S, Williams, K, Fulp W, **Lin HY**, Quinn G, Vadaparampil S, Roetzheim R, Shibata D, Meade CD, Gwede CK. Factors Associated with Health Literacy in a Community-based Sample of Older Blacks. 2014 International Cancer Education Conference (ICEC), Clearwater Beach FL. Oct. 2014.
36. Gonzalez JG, Mooney B, Brindle R, **Lin H**, Kiluk JV, Khakpour N, Laronga C, Lee MC. Prospective Trial of Breast MRI vs Ultrasound (US) for Evaluation of Response to Neoadjuvant Chemotherapy. The American College of Surgeons Clinical Congress, San Francisco CA, Oct. 2014.
37. **Lin HY**, Tseng TS. Interactions of Genetic Variants and Environmental Associated with Cancer Risk: Machine Learning Approach. 2014 ICME International Conference on Complex Medical Engineering, Taipei, Taiwan, Jun. 2014.
38. Tseng TS, **Lin HY**, Juan TH, Doback KA, Chiu YW, Chen T. Impact of Sugary Drink on Childhood Obesity in the United States. 2014 ICME International Conference on Complex Medical Engineering, Taipei, Taiwan, Jun. 2014.
39. Tseng TS, Park JY, Zabaleta J, Moody-Thomas S, Sothorn MS, Chen T, **Lin HY**. Nicotine dependence impacts the relationship between genetic variants and risk of lung adenocarcinoma. The American Association of Cancer Research (AACR) Annual Meeting, San Diego CA, Apr. 2014. (poster)
40. Gwede CK, Davis SN, Govindaraju S, Abdulla R, **Lin HY**, Fulp W, Quinn G, Vadaparampil ST, Roetzheim R, Shibata D, Meade CD. Increasing Access to Colorectal Cancer Testing (I-ACT): Taking immunochemical fecal occult blood test (I-FOBT) screening to the community. American Society of Preventive Oncology (ASPO), Arlington VA. Mar 2014. (poster)
41. **Lin HY**. Identify Interactions and Distinct Risk Groups of Time-to-Event Data Using Survival Tree Approach. Conference on Statistical Practice. Tampa, FL, Feb. 2014. (poster)
42. Baz R, **Lin HY**, Yoon S, Kim K, Alsina M, Shain KH, Sullivan D, Kang HJ, Kim JS, Suh C, Lee JJ, Kim JA, Kim KS, Min CL, Kwak JJ, Kim SH, Lee WS, Hong J, Lee JH. Response Adapted Lenalidomide Based Therapy For Newly Diagnosed (ND) Standard Risk Older Adults With Multiple

- Myeloma (MM): An International Collaboration. The American Society of Hematology (ASH) meeting, New Orleans, LA, Dec 2013.
43. Baz R, Martin T, Alsina M, Shain K, Wolfe J, Mahindra A, Sullivan D, Chari A, Nardeli L, **Lin HY**, Jagannath S. Pomalidomide (Pom) dexamethasone (D) with or without oral weekly cyclophosphamide (Cy) for lenalidomide refractory multiple myeloma (LRMM): a multicenter randomized phase II trial. The American Society of Hematology (ASH) meeting, New Orleans, LA, Dec 2013.
 44. Tao J, Shah B, Zhang X, Rastogi P, Tao J, Lancet J, **Lin HY**, Sotomayor E, Moscinski LC, Zhang L. Expression Level Of p-STAT5, c-MYC And IKZF1 By Immunohistochemistry Might Correlate With Adverse Clinical Outcome In Adult B- Lymphoblastic Leukemia (B-ALL). The American Society of Hematology (ASH) meeting, New Orleans, LA, Dec 2013.
 45. Sudenga SL, Pierce Campbell CM, **Lin HY**, Fulp W, Messina JL, Stoler MH, Sirak BA, Ingles DJ, Abrahamsen M, Lu B, Villa LL, Lazcano-Ponce E, Giuliano AR. Genital HPV Infection and Progression to External Genital Lesions: the HIM Study. The EUROGIN 2013 congress, Florence, Italy, Nov. 2013.
 46. Ercole CE, Hakky TS, Baumgarten AS, Yue B, **Lin HY**, Pow-Sang JM, Sexton WJ, Protzel C, Spiess PE. Presence of Lymphovascular Invasion within the Primary Penile Tumor is an Independent Predictor of Overall Survival. American Urological Association (AUA)'s Annual Meeting, San Diego, CA, May 2013.
 47. Amankwah EK, Tyrer J, **Lin HY**, Tsai YY, Chen Z, Han G, Qu X, Goode EL, Cunningham JM, Iversen E, Ramus S, Berchuck A, Schildkraut J, Monteiro A, Gayther S, Narod SA, Pharoah P, Sellers TA, Phelan CM. Epithelial-mesenchymal transition (EMT) gene variants influence epithelial ovarian cancer risk in women of European, African and Asian ancestry. The 103th American Association of Cancer Research (AACR) Annual Meeting, Washington, D.C., Apr. 2013.
 48. Pierce Campbell CM, **Lin HY**, Fulp W, Abrahamsen M, Lu B, Villa LL, Lazcano-Ponce E, Giuliano AR. Penile intraepithelial neoplasia in a multinational cohort of men: The HPV Infection in Men Study. The 103th American Association of Cancer Research (AACR) Annual Meeting, Washington, D.C., Apr. 2013.
 49. Amankwah EK, **Lin HY**, Park H, Radlein S, Pow-Sang J, Hakam A, Tsai YY, Park JY. miRNA-Related Gene Variants and Prostate Cancer aggressiveness and recurrence. The 103th American Association of Cancer Research (AACR) Annual Meeting, Washington, D.C., Apr. 2013.
 50. **Lin HY**, Tsai YY, Chen YA, Chen Z, Qu X, Goode EL, Schildkraut J, Iversen E, Narod SA, Sellers TA, Phelan CM. SNP-SNP interactions in mitochondria-related pathways are associated with invasive Epithelial Ovarian Cancer (EOC) risk. The 103th American Association of Cancer Research (AACR) Annual Meeting, Washington, D.C., Apr. 2013. (poster) Abstract 4839: Cancer Research, 73 (8).
 51. Chornokur G, Tyrer J, **Lin HY**, Han G, Qu X, Chen Z, Tsai YY, Goode EL, Schildkraut J, Iversen E, Ramus S, Berchuck A, Schildkraut J, Monteiro A, Gayther S, Narod SA, Pharoah P, Sellers TA, Phelan CM. Variation in transmembrane transport genes influence epithelial ovarian cancer risk and histopathologic subtype. The 103th American Association of Cancer Research (AACR) Annual Meeting, Washington, D.C., Apr. 2013.
 52. Jim H, Tyrer J, **Lin HY**, Han G, Qu X, Goode EL, Chen Z, Cunningham JM, Iversen E, Ramus S, Berchuck A, Schildkraut J, Monteiro A, Gayther S, Narod SA, Sellers TA, Pharoah P, Phelan CM. Variation in circadian rhythm genes influence epithelial ovarian cancer (EOC) risk and invasiveness. The 103th American Association of Cancer Research (AACR) Annual Meeting, Washington, D.C., Apr. 2013.

53. **Lin HY**, Tseng TS. Evaluating Gene-gene and gene-environmental interactions using the two-stage RF-MARS approach: the lung cancer example. Eastern North American Region of the International Biometric Society (ENAR) Meeting, Orlando, FL. Mar. 2013. (oral presentation)
54. Lu B, **Lin HY**, Nyitray A, Villa LL, Lazcano-Ponce E, Salmerón J, Carvalho da Silva RJ, Baggio MZ, Quiterio M, Smith DC, Abrahamsen M, Papenfuss MR, Giuliano AR. Repeated Genital Infection with Type-specific Human Papillomavirus (HPV) is Associated with Age and Duration of Prior HPV Infection. The 28th International Papillomavirus (IPV) Conference, San Juan, Puerto Rico; Nov. 2012.
55. Pierce Campbell CM, Fulp W, **Lin HY**, Papenfuss MR, McEachern TB, Lazcano-Ponce E, Villa LL, Giuliano AR. Effects of condom use on genital human papillomavirus (HPV) incidence and clearance in men: the HPV in Men Study. The 28th IPV Conference, San Juan, Puerto Rico; Nov. 2012.
56. Pierce Campbell CM, Kreimer AR, **Lin HY**, Fulp W, Abrahamsen M, Papenfuss MR, Smith D, Hildesheim A, Villa LL, Lazcano-Ponce E, Giuliano AR. Incidence and clearance of oral oncogenic human papillomavirus (HPV) in men (HIM): a cohort study. The 28th IPV Conference, San Juan, Puerto Rico; Nov. 2012.
57. Kreimer AR, Pierce Campbell CM, Fulp W, **Lin HY**, Abrahamsen M, Papenfuss MR, Smith D, Hildesheim A, Villa LL, Lazcano-Ponce E, Giuliano AR. Incidence and clearance of oral human papillomavirus (HPV) in men (HIM): a cohort study. The 28th International Papillomavirus (IPV) Conference, San Juan, Puerto Rico; Nov. 2012.
58. Nyitray AG, Fulp WJ, **Lin HY**, Menezes L, Lu B, Smith D, Abrahamsen M, Papenfuss M, Gage C, Giuliano AR. Genital HPV transmission rates between heterosexual sexual partners. The 28th International Papillomavirus (IPV) Conference, San Juan, Puerto Rico; Nov. 2012.
59. Menezes LJ, Poongulali S, Tommasino M, **Lin HY**, Fisher KJ, Kumarasamy N, Saravanan S, Gheit T, Jeeva S, Ezhilarasi C, Giuliano AR. HPV genotype distribution at the Cervix, Anal canal and Oropharynx among HIV-infected Women from Chennai, India. The 28th International Papillomavirus (IPV) Conference, San Juan, Puerto Rico; Nov. 2012.
60. Amankwah EA, Park JY, **Lin HY**, Park Y, Radlein S, Pow-Sang J, Hakam A, Sellers TA, Roberts R. Association between variants in angiogenesis-related genes and aggressive prostate cancer among men of African and European descent. 2012 Science of Global Prostate Cancer Disparities Conference. Nassau, Bahamas. Nov. 2012.
61. Menezes LJ, Poongulali S, Tommasino M, **Lin HY**, Kumarasamy N, Saravanan S, Gheit T, Jeeva S, Ezhilarasi C, Fisher KJ, Giuliano AR. HPV Infection at the Cervix, Anal canal and Oropharynx in HIV-infected Women from Chennai, India. the XIX International AIDS Conference (AIDS 2012), Washington D.C., Jul. 2012.
62. Bueth DD, Moussly S, **Lin HY**, Zhao X, Spiess PE, Sexton WJ. R Use of R.E.N.A.L. nephrometry scoring system to predict the functional efficacy of nephron-sparing surgery in the solitary kidney. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, Illinois; Jun. 2012.
63. **Lin HY**. Integrated machine learning approach as a tool for testing SNP-SNP interactions. Eastern North American Region of the International Biometric Society (ENAR) Meeting, Washington D.C., Apr. 2012. (oral presentation)
64. Chornokur G, Han G, Tanner R, **Lin HY**, Kumar N, Pow-Sang J, Phelan C. Risk Factors of Prostate Cancer in African American Men. AACR . Chicago, IL, Apr. 2012.
65. **Lin HY**. Identify gene-gene interactions using two-stage machine learning approach. 2012 Conference on Statistical Practice. Orlando, FL, Feb. 2012. (poster)

66. Bueth DD, Verma N, **Lin HY**, Pow-Sang J, Sexton WJ, Zhao X, Fishman MN, Spiess PE. Novel prognostic model of overall survival in patients undergoing cytoreductive nephrectomy: Importance of pre-treatment clinical and serological parameters. Genitourinary Cancers Symposium. San Francisco, CA, Feb. 2012.
67. Fridley BL, Vierkant R, Fogarty Z, Armasu S, Tsai Y, **Lin HY**, Song H, Bolton K, Tyrer J, Ramus S, Johnatty S, Trench-Chenevix G, Sutphen R, Moorman T, Schildkraut J, Wentzensen N, Gayther S, Pharoah P, Sellers T, Goode EL. Pooled analysis of three GWA studies for survival from clear cell ovarian cancer reveals association at RASGRF2, ANKS1B and KSR2. The 12th International Congress of Human Genetics program. Montreal, Oct. 2011.
68. **Lin HY**, Park HY, Park JY, Tsai YY. Single Nucleotide polymorphisms in Angiogenesis Genes associated with Prostate Cancer Aggressiveness. The International Symposium on Inter-Disciplinary Experiences for Applications of Biological Sciences, Yilan, Taiwan, Aug. 2011.
69. Rodriguez AR, Hakky T, Sexton WJ, **Lin HY**, Powsang JM, Spiess PE. Do patients with high body mass index have an increased risk of complications after bilateral groin dissection for penile cancer? The AUA Annual Meeting. Washington, D.C., May 2011.
70. **Lin HY**, Park HY, Park JY, Tsai YY. Genetic Variations in Angiogenesis-Related Genes in Prostate Cancer Aggressiveness. The 102th American Association of Cancer Research (AACR) Annual Meeting, Orlando, FL, Apr. 2011.
71. **Lin HY**, Park HY, Radlein S, Mahajan N, Sellers TA, Rincon M, Zachariah B, Pow-Sang J, Lee S, Kim S, Coppola D, Ganapathy V, Park JY. Genetic polymorphisms and expression of SLC5A8 in prostate cancer. The 102th American Association of Cancer Research (AACR) Annual Meeting, Orlando, FL, Apr. 2011.
72. Kurian T, Kim T, Sexton W, Pow-Sang J, Seigne J, **Lin HY**, Armstrong P, Mangar D, Spiess P. Importance of Selection Criteria in Performing Radical Nephrectomy with Concomitant IVC Thrombectomy in Patients with Metastatic Renal Cell Carcinoma. The 75th SESAUA Annual Meeting. New Orleans, LA. Mar. 2011.
73. Espinoza B, Lawindy S, **Lin HY**, Zhao X, PowSang J, Spiess P, Sexton W. Quality and Consistent Pelvic Lymph Node Dissection for Bladder Cancer Despite Potentially Adverse Clinical Variables. The 75th SESAUA Annual Meeting. New Orleans, LA. Mar. 2011.
74. Espinoza B, Lawindy S, **Lin HY**, Lei L, PowSang J, Spiess P, Sexton W. Effect of Perioperative Blood Transfusion on Bladder Cancer Recurrence. The 75th SESAUA Annual Meeting. New Orleans, LA. Mar. 2011.
75. Wenham RM, Lapolla J, **Lin HY**, Apte SM, Roberts WS, Lancaster JM, Gonzalez-Bosquet J, Theodore S, Havrilesky L, Secord AA. A Phase 2 Trial of Docetaxel and Bevacizumab in Recurrent Ovarian Cancer within 12 Months of Prior Platinum-Based Chemotherapy. The 2011 Annual Meeting on Women's Cancer. Orlando, FL. Mar. 2011.
76. **Lin HY**. Statistical Challenges of Detecting Single Nucleotide Polymorphism Interactions in Complex Diseases: Applications of Machine-Learning Methods. American Statistical Association Meeting, Tampa, FL. Feb 2011.
77. **Lin HY**, Park JY. Prediction Model Building using Data Mining Approaches: An Example of Prostate Cancer Aggressiveness. American Public Health Association (APHA) Annual Meeting, Denver, CO, Nov. 2010.
78. **Lin HY**. Random Forest and MARS for Detecting SNP-SNP Interactions in Complex Diseases. Eastern North American Region of the International Biometric Society (ENAR) Meeting, New Orleans, LA, Mar. 2010.

79. **Lin HY**, Clark PE, Hu JJ. Gene-gene interactions in DNA repair pathways impact on prostate cancer risk. The American Public Health Association (APHA) 137th Annual Meeting and Exposition, Philadelphia, PA, Nov. 2009.
80. **Lin HY**, Tseng TS. Data mining methods used for identifying SNPs in complex diseases. The APHA 137th Annual Meeting and Exposition, Philadelphia, PA, Nov. 2009.
81. Tseng TS, **Lin HY**, Chen T, Jack L, Moody-Thomas S. Racial Disparities in Smoking Cessation among Cancer Survivors. The APHA 137th Annual Meeting and Exposition, Philadelphia, PA, Nov. 2009.
82. Freilich J, **Lin HY**, Zhao X, Acs G, Harris EER. The impact of the size of nodal metastases on recurrence risk in breast cancer patients with one to three positive nodes post-mastectomy. The ASTRO's 51st Annual Meeting, Chicago, IL, Nov. 2009.
83. Elmets CA, Viner JL, Pentland AP, Cantrell W, Bailey H, Kang S, Linden KG, Heffernan M, Duvic M, Elewski BE, Umar A, **Lin HY**, Bell W, Gordon GB. The cyclooxygenase-2 inhibitor celecoxib effectively suppresses the development of nonmelanoma skin cancers: results of a phase II/III clinical trial. The 69th Annual Society of Investigative Dermatology meeting, Montreal, Canada, May 2009.
84. Godwin NC, Nevin C, **Lin HY**, Willig JH, Allison J, Gaddis K, Peterson J, Saag MS, Mugavero MJ, Raper JL. Alabama AIDS Drug Assistance Program: HRSA - We Have a Problem. The 4th International Conference on HIV Treatment Adherence, Miami, FL, Apr. 2009.
85. Wylie R, Marler M, **Lin HY**, Willig J, Lawrence S, Godwin N, Nevin C, Allison J, Raper J, Schumacher J, Saag M, Mugavero M. Project CONNECT: Overcoming Barriers to Establishing HIV Care. The 4th International Conference on HIV Treatment Adherence, Miami, FL, Apr. 2009.
86. Park JY, Park H, Radlein S, **Lin HY**, Rincon M, Lee SH, Kim SJ, Zachariah B, Pow-Sang J, Sellers TA. Association of SNPs in lymph/angiogenesis genes with prostate cancer risk and progression. The 100th American Association of Cancer Research (AACR) Annual Meeting, Denver, CO, Apr. 2009.
87. Martin B, Clayton D, Purcell M, **Lin HY**, Colli J, Busby E, Amling C. Surgical Factors Affecting Return of Renal Function After Partial Nephrectomy. American Urological Association's Annual Meeting, Chicago, IL, Apr. 2009.
88. Martin B, Purcell M, Clayton D, **Lin HY**, Busby E, Amling C. Impact Of Obesity On Operative Factors And Postoperative Renal Function After Partial Nephrectomy For Renal Cell Carcinoma. American Urological Association's Annual Meeting, Chicago, IL, Apr. 2009.
89. Martin B, Colli J, Clayton D, Purcell M, **Lin HY**, Busby E, Amling C. Demographic Differences In Renal Cell Carcinoma Subtypes. American Urological Association's Annual Meeting, Chicago, IL, Apr. 2009.
90. Nevin CR, **Lin HY**, Jackson DA, Mugavero MJ, Allison J, Raper JL, Saag MS, Willig JH. Development of antiretroviral resistance to initial ART and provider response in a treatment naïve cohort. 13th HIV Cohorts Workshop, Lisbon, Portugal, Mar. 2009.
91. TS, **Lin HY**, Martin M, Liwo A, Chen T, Partridge EE. Smoking and Cancer: A Population-based Study. The APHA 136th Annual Meeting and Exposition, San Diego, CA, Oct. 2008.
92. **Lin HY**, Tseng TS. Smoking Cessation in Cancer Survivors. The APHA 136th Annual Meeting and Exposition, San Diego, CA, Oct. 2008.
93. Bellam N, Liu K, **Lin HY**, Lin WC. Overexpression of Topoisomerase II β binding protein 1 (TopBP1) is associated with poor prognosis in breast cancer (BC). ASCO-NCI-EORTC Annual Meeting on Molecular Marker in Cancer, Hollywood, FL, Oct. 2008.

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 125. Myers L, **Lin HY**. Does It Fit? Comparing Different Measures of Model Adequacy in Logistic Regression. Joint Statistical Meetings, Minneapolis, MN, Aug. 2005.
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Other Research

Clinical research protocols

Dr. Lin was the lead statistician of approximately 70 clinical trials at Moffitt Cancer Center and Research Institute. She conducted study designs, analytical plans, statistical analyses and manuscripts for these trials.