

## CURRICULUM VITAE

Hongmei Nan, MD, PhD  
Department of Epidemiology  
Richard M. Fairbanks School of Public Health  
Indiana University  
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### EDUCATION:

#### GRADUATE

College of Medicine, Chungbuk National University, Chungbuk, South Korea	PhD in Preventive Medicine	2002
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College of Medicine, Chungbuk National University, Chungbuk, South Korea	MS in Preventive Medicine	1999
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#### UNDERGRADUATE

College of Medicine, Yanbian University, Jilin, China	MD in Clinical Medicine	1994
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### TRAINING:

#### POSTDOCTORAL

Channing Division of Network Medicine, Department of Medicine, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA	Research Fellow in Epidemiology	2008-2009
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College of Medicine, Chungbuk National University, Chungbuk, South Korea	Research Fellow in Epidemiology	2003-2004
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Human Genome Center, Institute of Medical Science, Tokyo University, Tokyo, Japan	Research Fellow in Human Genomics	2002-2003
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### APPOINTMENTS:

#### ACADEMIC

Department of Global Health, Richard M. Fairbanks School of Public Health, Indiana University, Indianapolis, IN	Associate Professor with Tenure	2019-Present
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Department of Epidemiology, Richard M. Fairbanks School of Public Health, Indiana University, Indianapolis, IN	Associate Professor with Tenure	2016-2019
Department of Epidemiology, Richard M. Fairbanks School of Public Health, Indiana University, Indianapolis, IN	Associate Professor	2014-2016
Division of Cancer Epidemiology, Department of Epidemiology and Public Health, University of Maryland School of Medicine, Baltimore, MD	Assistant Professor	2012-2014
Division of Epidemiology and Prevention, Institute of Human Virology, University of Maryland School of Medicine, Baltimore, MD	Assistant Professor	2012-2014
Channing Division of Network Medicine, Department of Medicine, Brigham and Women's Hospital and Harvard Medical School, Boston, MA	Instructor of Medicine	2010-2012
Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA, USA	Visiting Scientist	2007-2008
Department of Epidemiology, College of Medicine, Yanbian University, Jilin, China	Instructor	1994-1997
<b><u>NON-ACADEMIC</u></b>		
Department of Global Health, Richard M. Fairbanks School of Public Health, Indiana University, Indianapolis, IN	Founding Vice Chair	2019-Present
Epidemiology Consultation Core, IU Melvin and Bren Simon Cancer Center, Indiana University, Indianapolis, IN	Director	2014-2019

**PROFESSIONAL ORGANIZATION MEMBERSHIPS:**

Society for Epidemiologic Research (SER)	Member	2016-
The American Society of Human Genetics (ASHG)	Member	2016-
American Gastroenterological Association (AGA)	Member	2016-
International Survival Analysis in Colorectal Cancer Consortium (ISACC)	Member	2015-
Asia Cohort Consortium (ACC)	Member	2015-
Genetics and Epidemiology of Colorectal Cancer Consortium (GECCO)	Member	2011-

American Association for Cancer Research (AACR)

Member 2007-

**LANGUAGE PROFICIENCY:**

Fluent in Mandarin, Korean, Japanese, and English

**PROFESSIONAL HONORS AND AWARDS:**

Selection for news	UK Daily Mail coverage	2019
	<a href="https://www.dailymail.co.uk/health/article-7253253/Having-close-relative-melanoma-raise-risk-74-cent.html">https://www.dailymail.co.uk/health/article-7253253/Having-close-relative-melanoma-raise-risk-74-cent.html</a>	
Selection for a member	IUPUI Next Generation 2.0 Leadership and Professional Development Initiative (2018-19 cohort)	2018
	<a href="https://news.iu.edu/stories/2019/05/iupui/releases/23-fifth-cohort-selected-next-generation-2.0-leadership-program.html">https://news.iu.edu/stories/2019/05/iupui/releases/23-fifth-cohort-selected-next-generation-2.0-leadership-program.html</a>	
Top 10 clinical research achievement award	Association for Clinical and Translational Science	2016
Selection for Research Highlights	2015 NIH Epidemiology and Genomics Research Program (EGRP) Research Highlights	2016
	<a href="https://myemail.constantcontact.com/January-2016---Cancer-Epidemiology-E-News-for-Web-Archive.html?soid=1109148816547&amp;aid=RAOJG8y0wwU">https://myemail.constantcontact.com/January-2016---Cancer-Epidemiology-E-News-for-Web-Archive.html?soid=1109148816547&amp;aid=RAOJG8y0wwU</a>	
Invitation for a photograph	Indianapolis Colts and Head Coach Chuck Pagano	2016
Inaugural winner of The Junior Investigator Award	The International Aspirin Foundation	2015
	<a href="http://alphagalileo.org/ViewItem.aspx?ItemId=155971&amp;CultureCode=en">http://alphagalileo.org/ViewItem.aspx?ItemId=155971&amp;CultureCode=en</a>	
News release by Indiana University School of Medicine (IUSM)	IUSM Newsroom	2015
	<a href="http://news.medicine.iu.edu/releases/2015/03/colon-cancer.shtml">http://news.medicine.iu.edu/releases/2015/03/colon-cancer.shtml</a>	
Selection for INDYSTAR	INDYSTAR front page Part of the USA today network	2015
	<a href="http://www.indystar.com/story/news/2015/03/17/iu-research-helps-show-aspirins-effect-colon-cancer/24906225">http://www.indystar.com/story/news/2015/03/17/iu-research-helps-show-aspirins-effect-colon-cancer/24906225</a>	
Invited interview	ecancer conference (International Oncology Meetings)	2015
	<a href="http://ecancer.org/conference/757-aspirin-in-the-21st-century/video/3952/mapping-the-relationships-between-genetics-and-the-impact-of-aspirin-on-colorectal-cancer.php">http://ecancer.org/conference/757-aspirin-in-the-21st-century/video/3952/mapping-the-relationships-between-genetics-and-the-impact-of-aspirin-on-colorectal-cancer.php</a>	
	<a href="http://ecancer.org/conference/757-aspirin-in-the-21st-century/video/3951/why-doesn-t-aspirin-protect-everyone-from-colorectal-cancer.php">http://ecancer.org/conference/757-aspirin-in-the-21st-century/video/3951/why-doesn-t-aspirin-protect-everyone-from-colorectal-cancer.php</a>	
Invitation for a video	Indianapolis Colts and Head Coach Chuck Pagano	2015
	<a href="http://www.colts.com/fanzone/events/chuckstrongtailgategala.html">http://www.colts.com/fanzone/events/chuckstrongtailgategala.html</a>	

Selection for news	American Council on Science and Health (ACSH)	2015
<a href="http://acsh.org/news/2015/03/18/does-aspirin-help-prevent-colon-cancer-it-may-depend-on-your-genes/">http://acsh.org/news/2015/03/18/does-aspirin-help-prevent-colon-cancer-it-may-depend-on-your-genes/</a>		
Selection for news	BIG Cancer Research Consortium	2015
<a href="http://acsh.org/news/2015/03/18/does-aspirin-help-prevent-colon-cancer-it-may-depend-on-your-genes/">http://acsh.org/news/2015/03/18/does-aspirin-help-prevent-colon-cancer-it-may-depend-on-your-genes/</a>		
Selection for news	Gastroenterology and Endoscopy	2015
<a href="http://www.gastroendoneews.com/ViewArticle.aspx?d=In%2Bthe%2BNews&amp;d_id=187&amp;i=July+2015&amp;i_id=1207&amp;a_id=32946">http://www.gastroendoneews.com/ViewArticle.aspx?d=In%2Bthe%2BNews&amp;d_id=187&amp;i=July+2015&amp;i_id=1207&amp;a_id=32946</a>		
Selection for news	American Grandparents Association	2015
<a href="http://www.grandparents.com/health-and-wellbeing/health/benefits-aspirin">http://www.grandparents.com/health-and-wellbeing/health/benefits-aspirin</a>		
Highlighted comments on Precision Medicine	NIH Director's Blog (Dr. Francis Collins)	2015
<a href="http://directorsblog.nih.gov/2015/03/24/precision-medicine-who-benefits-from-aspirin-to-prevent-colorectal-cancer/#more-4432">http://directorsblog.nih.gov/2015/03/24/precision-medicine-who-benefits-from-aspirin-to-prevent-colorectal-cancer/#more-4432</a>		
Honor scholarship	College of Medicine, Chungbuk National University, Chungbuk, South Korea	1997-2002
Honor scholarship	College of Medicine, Yanbian University, Jilin, China	1990-1991

**PROFESSIONAL DEVELOPMENT:**

**TEACHING:**

TEACHING ASSIGNMENTS:

**Indiana University Richard M. Fairbanks School of Public Health**

1. GRADUATE and POSTGRADUATE:

Course #	Short Title	Format	Role	Term	Enrollment
PBHL E775	Doctoral Research Seminar in Epidemiology (3-credit)	Lecture	Guest Lecturer	Summer 2014 on 6/11/2014	8
PBHL E775	Doctoral Research Seminar in Epidemiology (3-credit)	Lecture	Guest Lecturer	Summer 2015 on 7/15/2015	5
PBHL E650	Readings in Public Health (3-credit)	Independent Study	Course Director	Summer 2016	1

PBHL E610	Chronic Disease Epidemiology (3-credit)	Lecture	Course Developer Course Director	Fall 2016	11
PBHL E752	Doctoral Studies in Epidemiology (3-credit)	Independent Study	Course Director	Spring 2017	1
PBHL E610	Chronic Disease Epidemiology (3-credit)	Lecture	Co-Course Director	Fall 2017	12
PBHL E751	Doctoral Readings in Epidemiology (3-credit)	Independent Study	Course Director	Spring 2018	1
PBHL E670	Grant Writing in Epidemiology (3-credit)	Lecture	Co-Course Director	Summer 2018	7
PBHL E752	Doctoral Studies in Epidemiology (3-credit)	Independent Study	Course Director	Summer 2018	1
PBHL E800	Epidemiology Doctoral Dissertation Research (3-credit)	Independent Study	Course Director	Fall 2018	2
PBHL E610	Chronic Disease Epidemiology (3-credit)	Lecture	Co-Course Director	Fall 2018	4
PBHL E670	Overview of Precision Health (3-credit)	Lecture	Course Developer	Spring 2019	recording
PBHL E800	Epidemiology Doctoral Dissertation Research (3-credit)	Independent Study	Course Director	Spring 2019	2
PBHL E606	Grant Writing in Epidemiology (3-credit)	Lecture	Co-Course Director	Summer 2019	11
PBHL E800	Epidemiology Doctoral Dissertation Research (3-credit)	Independent Study	Course Director	Summer 2019	1

### University of Maryland School of Medicine

#### 1. GRADUATE and POSTGRADUATE:

Course #	Short Title	Format	Role	Term	Enrollment
PREV 710	Cancer Epidemiology	Lecture	Guest Lecturer	Fall 2012 On 9/24/2012	6
PREV 710	Cancer Epidemiology	Lecture	Guest Lecturer	Fall 2012 On 11/5/2012	6

PREV 780 Molecular Epidemiology Lecture Guest Lecturer Fall 2012 12  
On 10/11/2012

**College of Medicine, Chungbuk National University, South Korea (Role: Lecturer)**

1999-2001: Preventive Medicine, 2<sup>nd</sup> year undergraduate medical students,  
2-hr sessions per week for 2 wks/yr

**College of Medicine, Yanbian University, China (Role: Instructor)**

1994-1997: Epidemiology, 4<sup>th</sup> year undergraduate medical students,  
2-hr sessions per week for 4 wks/yr

**MENTORING:**

**Indiana University Richard M. Fairbanks School of Public Health**

- Keming Yang, PhD student, 2015-Present:  
Role: Primary Academic Advisor; Chair on the Advisory Committee;  
Chair on the Dissertation Committee  
Note: Keming received an award of “1<sup>st</sup> Place-Behavior and Population  
Science/Epidemiology by Graduate Student” and received a certificate of “Achievement for  
Excellence in Cancer Research” on May, 2017 at IUSCC Cancer Research Day.  
Keming won a travel award for the American Association for Cancer Research Molecular  
Epidemiology Workshop in 2018.
- Uzay KIRBIYIK, PhD student, 2015-Present:  
Role: Co-chair on the Dissertation Committee
- Andrew Marley, PhD student, 2018-Present:  
Role: Member on the Dissertation Committee
- Jin Xia, PhD student, 2017-Present:  
Role: Member on the Dissertation Committee
- Kat Kwiatkowski, PhD student, 2017-2018:  
Role: Co-chair on the Dissertation Committee
- Xin Li, PhD, Assistant Professor at Department of Epidemiology, 2017-Present:  
Role: Senior faculty mentor
- Yuan Lin, PhD, Assistant Professor at Department of Epidemiology, 2017-Present:  
Role: Senior faculty mentor

**Indiana University Melvin and Bren Simon Cancer Center**

- Thomas Michael Kacius, High School student, Summer training (1 month - June, 2016):  
Role: Mentor
- Kayla Hopper, High School student, 6 weeks (6/15/2015 – 7/24/2015):

Role: Mentor for IUSCC Future Scientist Program

- Jianyun Liu, PhD, Assistant Research Professor of Microbiology and Immunology, Department of Microbiology and Immunology, IU School of Medicine (2015-Present)  
Role: Research advisor and collaborator
- Amikar Sehdev, MD, MPH, Assistant Professor of Medicine, Division of Hematology/Oncology, IU School of Medicine (2015-Present):  
Role: Research Mentor for colorectal cancer-related proposals and manuscripts
- Jaeyeon Kim, PhD, Assistant Professor, Department of Biochemistry and Molecular Biology, IU School of Medicine (2016-Present):  
Role: Research advisor and collaborator

### **Outside Indiana University**

#### **Harvard T.H. Chan School of Public Health (Role: Research Mentor)**

- Shasha Meng, PhD student in Epidemiology (2013-2014)
- Shaowei Wu, PhD, formal Research Associate (Current position: Assistant Professor, Department of Occupational and Environmental Health Sciences, School of Public Health, Peking University, Beijing, China) (2016-Present)

#### **Harvard Medical School (Role: Research Mentor)**

- Erin Wei, MD, Instructor and Physician at Brigham and Women's Hospital, Harvard Medical School (2017-present)

#### **University of Maryland School of Medicine**

- Qingping Cui, PhD, Postdoctoral Fellow, Supervisor for two years (2012-2014):  
Note: I recruited Dr. Cui and trained him in both epidemiologic research and laboratory operation. Under my supervision, Dr. Cui has learned how to manage epidemiologic data and efficiently operate population-science laboratory (e.g., managing huge population data using SAS program, such as importing, organizing and cleaning both experiments and raw epidemiologic data; producing tables and graphs for study reports, proposals and manuscripts; managing the laboratory and conducting experiments; receiving patients' samples; maintaining the inventory; and conducting research tasks using patients' samples).

#### **College of Medicine, Chungbuk National University, South Korea (Role: Mentor)**

1999-2001: Training of 2 master students for molecular epidemiologic research;  
Providing mentorship for 2 years

### **RESEARCH/CREATIVE ACTIVITY:**

### **GRANTS/FELLOWSHIPS IN RESEARCH:**

ACTIVE RESEARCH GRANTS:

Title Indiana University Precision Health Initiative-Fairbanks School of Public Health  
Granting Agency Indiana University Grand Challenge  
Role Director  
Amount \$1,400,000  
% Effort 75.0%  
Dates 7/1/2017 –

Title Cancer Epidemiology Research  
Granting Agency Walther Cancer Foundation  
Role Principal Investigator  
Amount \$500,000  
% Effort 25%  
Dates 2/1/2014 –

Title Deep Ovarian Cancer Metabolomics  
Granting Agency NIH/NCI R01CA218664 (Fernandez)  
Role Collaborator  
% Effort No salary covered  
Dates 9/1/2018 – 8/31/2023

COMPLETED RESEARCH GRANTS:

Title Prospective study of DNA repair gene variants in breast cancer  
Granting Agency NIH/NCI R01CA118447 (Han)  
Role Co-Investigator  
% Effort 40%  
Dates 2009 – 2011

Title Prospective study of telomere length and melanoma risk  
Granting Agency NIH/NCI R03CA133914 (Han)  
Role Co-Investigator  
% Effort 20%  
Dates 2009 – 2010

Title Cohort study of genetic susceptibility to cutaneous malignant melanoma  
Granting Agency NIH/NCI R01CA122838 (Han)  
Role Co-Investigator  
% Effort 40%  
Dates 2009 – 2012

Title Genetic variants in mitochondrial genome and skin cancer risk  
Granting Agency NIH/R03 R03CA141606  
Role Principal Investigator  
% Effort 30%  
Amount \$100,000  
Dates 2009 – 2011



Title	Genetic variants in MicroRNA-related genes and skin cancer risk
Granting Agency	NIH/R03 R03CA139496
Role	Principal Investigator
% Effort	30%
Amount	\$100,000
Dates	2009 – 2011
Title	Dietary methyl score, genomic DNA methylation and colorectal cancer
Granting Agency	NIH/NCI R01CA136950 (Cho)
Role	Co-Investigator
% Effort	20%
Dates	2011 – 2012
Title	Alcohol and colorectal cancer: the influence of inherited and nutritional factors
Granting Agency	NIH/AA R21AA017693 (Cho)
Role	Co-Investigator
% Effort	20%
Dates	2011 – 2012
Title	Inflammation and colorectal neoplasia
Granting Agency	NIH/NCI R01CA137178 (Chan)
Role	Co-Investigator
% Effort	40%
Dates	2011 – 2012
Title	Startup funding for research
Granting Agency	University of Maryland School of Medicine
Role	Principal Investigator
Amount	\$750,000
Dates	2012 – 2014
Title	Mucosal-associated innate T cells and their function in obesity
Granting Agency	Indiana University Melvin and Bren Simon Cancer Center (Liu)
Role	Co-investigator
% Effort	No salary covered
Dates	2015 – 2017
Title	Detection of unique metabolomic changes in early-stage high-grade serous ovarian cancer in a mouse model and humans
Granting Agency	Indiana University Melvin and Bren Simon Cancer Center (Kim)
Role	Co-investigator
% Effort	No salary covered
Dates	2016 – 2018

PENDING RESEARCH GRANTS:

Title Trace minerals, mitochondria, and trajectory of cognitive decline  
Granting Agency NIH/R21 R21MH124382  
Role Co-Principal Investigator  
% Effort 15%  
Amount \$232,689,000

Title Prediagnostic metabolomic biomarkers for cutaneous malignant melanoma  
Granting Agency NIH/R01 1R01CA236924-01  
Role Principal Investigator  
% Effort 30%  
Amount \$1,952,408

Note: It was scored 48 in the first submission, and the re-submission is pending upon the NIH study section review.

Title Metabolome-wide association study of cutaneous basal cell carcinoma  
Granting Agency NIH/R03 1R03CA241566-01  
Role Principal Investigator  
% Effort 8%  
Amount \$100,000

Note: It was scored 37, and is under resubmission.

Title Metabolome-wide association study of cutaneous squamous cell carcinoma  
Granting Agency NIH/R03 1R03CA238778-01  
Role Principal Investigator  
% Effort 8%  
Amount \$100,000

Note: It is under resubmission.

SUBMITTED BUT NOT FUNDED RESEARCH GRANTS (SELECTED):

Title Mitochondrial DNA copy number and skin cancer  
Granting Agency NIH/R03 R03CA165104-01  
Role Principal Investigator  
% Effort 30%  
Amount \$100,000  
Dates 12/1/2011 – 11/30/2013

Note: It was scored 40 and the payline was 30.

Title A prospective study of telomere length in lung cancer  
Granting Agency NIH/R01 1R01CA151997-01A1  
Role Principal Investigator  
% Effort 30%  
Amount \$250,000  
Dates 4/1/2011 – 3/31/2016

Note: It was scored 25% and the payline for further discussion was 25%.

Title Genetic variants in mitochondrial genome and lung cancer risk  
Granting Agency NIH/R03 1R03CA150024-01A1  
Role Principal Investigator

% Effort                    30%  
Amount                     \$100,000  
Dates                        4/1/2010 – 3/31/2012  
Note: It was scored 28 and the payline was 25.

INVITED PRESENTATIONS – RESEARCH

LOCAL/REGIONAL

#	Title	Organization	Date
1	Mitochondria, beyond the power house of the cell	Fairbanks School of Public Health, Research Ignite Forum, IN	11/20/2018
2	Precision Medicine: a tailor-made strategy for human health	IU Bloomington, Doctoral Seminar Series, IN	10/8/2018
3	Pharmacogenomics research on colorectal cancer: an example of precision medicine	US Health Outcomes, Eli Lilly and Company, Indianapolis, IN	4/21/2017
4	Genome-wide gene-drug interaction of colorectal cancer: an example of precision medicine	Combined seminar series, Indiana University Simon Cancer Center, Indianapolis, IN	11/5/2015
5	Post-GWAS: gene-drug interaction of colorectal cancer	IU Gregory Derringer Pathology Grand Rounds, Indiana University School of Medicine, Indianapolis, IN	9/10/2015
6	Post-GWAS: gene-drug interaction of colorectal cancer	IU Cancer Control Educational Series, Indiana University Simon Cancer Center, Indianapolis, IN	4/8/2015
7	Molecular epidemiology of colorectal cancer	Clinical Pharmacology Seminar, Indiana University School of Medicine, Indianapolis, IN	9/23/2014
8	Gene-environment interaction analysis between NSAID use and genome-wide common genetic variants for colorectal cancer	GS meeting, Institute of Human Virology, University of Maryland School of Medicine, Baltimore, MD	3/18/2013
9	Genetic epidemiology of cancer	Molecular and Structural Biology Meeting, University of Maryland School of Medicine, Baltimore, MD	3/15/2013
10	Genetic epidemiology of cancer	EDN Data Club, Division of Endocrinology, Diabetes and Nutrition, University of Maryland School of Medicine, Baltimore, MD	1/17/2013

11	Genetic epidemiology of cancer	EPH Seminar Series, Division of Cancer Epidemiology, University of Maryland School of Medicine, Baltimore, MD	12/6/2012
12	Genetic epidemiology of cancer	GS meeting, Institute of Human Virology, University of Maryland School of Medicine, Baltimore, MD	7/16/2012
13	Genetic variants in telomere-maintaining genes and skin cancer risk	Molecular Epidemiology Journal Club, Harvard T.H. Chan School of Public Health, Boston, MA	3/20/2009
14	Genetic variants in pigmentation genes, pigmentary phenotypes, and risk of skin cancer	Korean Journal Club, Harvard T.H. Chan School of Public Health, Boston, MA	6/5/2008
15	Interaction between p53 and MC1R on suntan response and melanoma risk; MDM2 promoter SNP309, pigmentary phenotypes, and the risk of skin cancer	Molecular Epidemiology Journal Club, Harvard T.H. Chan School of Public Health, Boston, MA	9/10/2007

#### NATIONAL/INTERNATIONAL

#	Title	Organization	Date
1	Precision Medicine: a tailor-made strategy for human health	School of Public Health, Southeast University, Nanjing, Jiangsu, China	7/4/2018
2	Wei E, Li Z, <b>Nan H.</b> Nevus count is an independent risk factor for basal cell carcinoma and melanoma, but not squamous cell carcinoma (presented by the first author)	International Investigative Dermatology, Orlando, Florida	5/17/2018
3	Impact of educational level on mortality in Asia: a pooled analysis of 14 cohorts	Asia Cohort Consortium Working Group Meeting, New Orleans, LA	4/19/2016
4	Post GWAS: gene-aspirin interaction of colorectal cancer	Award ceremony, International Aspirin Foundation	8/27/2015
5	Genome-wide gene-environment interaction analysis of aspirin and non-steroidal anti-inflammatory drug use and colorectal cancer identifies susceptibility loci at chromosomes 12p12.3 and 15q25.2	Digestive Disease Week (DDW) annual meeting, Chicago, IL	5/5/2014

6	Personalized prevention of colorectal cancer	Seminar, IU Richard M. Fairbanks School of Public Health, Indianapolis, IN	10/29/2013
7	Aspirin use, the 8q24 cancer susceptibility SNP rs6983267, and risk of colorectal cancer according to CTNNB1 ( $\beta$ -catenin) alterations	Digestive Disease Week (DDW) annual meeting, San Diego, CA	5/21/2012
8	Genetic epidemiology of skin cancer	Epidemiology Journal Club, Division of Cancer Prevention and Population Sciences, The University of Texas MD Anderson Cancer Center, Houston, TX	8/4/2011
9	Genetic epidemiology of skin cancer	Seminar, University of Maryland School of Medicine, Baltimore, MD	7/14/2011
10	Genetic epidemiology of skin cancer	Epidemiology Branch Journal Club, National Institute of Environmental Health Sciences, National Institutes of Health, Durham, NC	5/11/2011
11	Effects of environmental carcinogens and genetic polymorphisms on the hypermethylation of hMLH1 gene promoter, microsatellite instability and mutations of the p53 and Ki-ras genes in gastric cancer	53 <sup>th</sup> Korean Society for Preventive Medicine, South Korea	2001
12	Effects of occupation, life style, and genetic polymorphisms of CYP1A1, CYP2E1, GSTM1 and GSTT1 on urinary 1-hydroxypyrene and 2-naphthol concentrations	52 <sup>th</sup> Korean Society for Preventive Medicine, South Korea	2000
13	Effects of environmental carcinogens and genetic polymorphisms of metabolic enzymes on mutation of p53 and Ki-ras genes in Korean stomach cancer tissue	51 <sup>th</sup> Korean Society for Preventive Medicine, South Korea	1999
14	A case-control study on effects of genetic polymorphisms of GSTM1, GSTT1, CYP1A1 and CYP2E1 on the risk of lung	50 <sup>th</sup> Korean Society for Preventive Medicine, South Korea	1998

## **SERVICE:**

### UNIVERSITY SERVICE (Indiana University):

#### DEPARTMENT (Department of Epidemiology)

PhD Admissions Committee, Department of Epidemiology, IU Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2016-2020
Doctoral Qualifying Exam Committee	Member	2014-Present
PhD students qualifying exam	Reviewer	2014-Present

#### SCHOOL (Richard M. Fairbanks School of Public Health)

Search committee for a lecturer in Epidemiology	Member	2019
FSPH Budgetary Affairs Committee	Member	2018-Present
FSPH Research Affairs Committee	Member	2018-Present
Precision Health Initiative, FSPH Faculty Search Committee	Chair	2017-2019
FSPH Faculty Assembly Steering Committee	Member	2017-Present
FSPH Faculty Assembly Steering Committee	Secretary	2016
Search committee for a clinical epidemiology faculty position	Member	2016
Search committee for a cancer epidemiologist position	Chair	2015
Final project posters of the MPH graduate students	Reviewer	2014-Present

#### CAMPUS

Indiana CTSI Pilot Funding for Research Use of Core Facilities	Reviewer	2019
IUPUI Research Affairs Committee	Representative of School	2018-Present
Council of Associate Deans for Research (CAD) at the IUPUI campus	Representative of School	2016-2017
Campus Level Sabbatical Leaves Committee	Member	2016
IUPUI internal pre-proposal review for IUPUI Office for Vice Chancellor for Research (OVCR) grant proposals	Reviewer	2016
Search committee for faculty candidates at Indiana University School of Medicine	Member	2016

IUPUI internal pre-proposal review for IUPUI Office for Vice Chancellor for Research (OVCR) grant proposals	Reviewer	2015
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INDIANA UNIVERSITY SIMON CANCER CENTER (IUSCC)

IUSCC colorectal cancer working group	Member	2018-Present
Search committee for post-doctoral candidates for Cancer Survivorship Program at IUSCC	Member	2017
IU Simon Cancer Center Cancer Prevention and Control Program Pilot Project proposals	Reviewer	2016
IU Melvin and Bren Simon Cancer Center Research Day	Judge	5/12/2016
IUSCC internal pre-proposal review for the NSF Major Research Instrumentation (MRI) program	Reviewer	2015
IUSCC Epidemiology Consultation Core RFA	Review panel chair	2015

**Note:** I have been the Director of the Epidemiology Consultation Core at the IUSCC (2014-2019), which is designed to promote population research and education in epidemiology. Successful outcomes in population research require active collaboration among epidemiologists, statisticians, and clinicians. My task as Core Director is to connect faculty members from the IUSCC and the multiple academic institutions in Indiana to promote collaborative interactions and to facilitate joint research projects and grant proposals, engaging the complementary strengths of faculty from multiple disciplines. To meet the goals of Epidemiology Consultation Core, I have arranged more than 70 meetings since I joined IU to facilitate collaborative research projects and proposals.

PROFESSIONAL SERVICE:

NATIONAL/INTERNATIONAL

Member of Editorial Boards

1. Cancer Causes & Control (Associate Editor)	2016-Present
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Ad Hoc Reviewer for Journals (46 journals since 2008)

1. International Journal of Cancer
2. PLoS ONE
3. Human Genetics
4. Melanoma Research
5. Carcinogenesis
6. Cancer Detection and Prevention
7. British Journal of Dermatology
8. Human Immunology
9. Cancer Causes and Control
10. Genes, Chromosomes and Cancer
11. DNA and Cell Biology

12. BMC Cancer
13. Journal of Investigative Dermatology
14. North American Journal of Medicine & Science
15. Supportive Care in Cancer
16. Clinical and Experimental Dermatology
17. Cancer Cell International
18. International Journal of Epidemiology
19. European Journal of Cancer Prevention
20. Cancer Chemotherapy and Pharmacology
21. Experimental Dermatology
22. Journal of the National Cancer Institute
23. Cancer Epidemiology, Biomarkers & Prevention
24. Evolution, Medicine, and Public Health
25. Journal of Cellular and Molecular Medicine
26. Current Genomics
27. Journal of Internal Medicine
28. Nature Communications
29. Signal Transduction and Targeted Therapy
30. Clinical Epidemiology
31. BMJ Open
32. Journal of Nutritional Medicine and Diet Care
33. Scientific Reports
34. Personalized Medicine
35. Journal of Nutrition and Health
36. JAMA Dermatology
37. Nutrients
38. Cells
39. Nutrition & Metabolism
40. Cancers
41. International Journal of Nanomedicine
42. Genomics
43. Journal of Otolaryngology, Head & Neck Surgery
44. Biomedicine & Pharmacotherapy
45. International Journal of Environmental Research and Public Health
46. International Journal of Case Reports & Short Reviews

Reviewer for Grant Proposals

Grant proposal review for Singapore government ministry of health (NMRC Clinical Scientist Award)	2019
Grant proposal review panel for Congressionally Directed Medical Research Programs Peer Reviewed Medical Research Program (Melanoma and Other Skin Cancers)	2018
Grant proposal review panel for Congressionally Directed Medical Research Programs Peer Reviewed Cancer Research Program (Immunotherapy)	2018
Italian Ministry of Health proposals	2018
Grant proposal review panel for Congressionally Directed Medical Research Programs Peer Reviewed Medical Research Program (Melanoma and Other Skin Cancers)	2016



Grant proposal review panel for Congressionally Directed Medical Research Programs Peer Reviewed Medical Research Program (Melanoma and Other Skin Cancers)	2015
Cancer Research UK proposals	2015
Italian Ministry of Health proposals	2015
Grant proposal review panel for Congressionally Directed Medical Research Programs Peer Reviewed Medical Research Program (Melanoma and Other Skin Cancers)	2014
Italian Ministry of Health proposals	2013
British Skin Foundation Research Awards	2011
<u>Other Service</u>	
Moderator for 2015 International Survival Analysis in Colorectal cancer Consortium (ISACC) meeting	2015
Program Committee Member for The Second International Molecular Pathological Epidemiology (MPE) Meeting	2014
Moderator for The Second International Molecular Pathological Epidemiology (MPE) Meeting	2014

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