

# **The 15<sup>th</sup> International Symposium on Human Capital and Labor Markets**

*--Celebrating the Release of the China Human Capital Report 2023*

**December 8-11, 2023**

**Beijing, China**

## **Organizer:**

**Center for Human Capital and Labor Market Research (CHLR)**

**Central University of Finance and Economics (CUFE)**

## **Co-organizer:**

**Central University of Finance and Economics & University of Electronic  
Science and Technology of China Joint Research Data Center (CEDC)**

**&**

**Jinan Human Capital Industry Research Institute**

**All papers presented will be eligible for submission to a Special Issue of  
*China Economic Review***

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## **Meeting Format**

**Hybrid with in-person and online participation**

**Online Meeting by Tencent Meeting and its overseas version VooV Meeting**

**The time zone is Beijing Time**

# 第十五届人力资本国际研讨会 暨 2023 年中国人力资本报告发布会

2023 年 12 月 8-11 日

中国北京

主办单位：  
中央财经大学  
人力资本与劳动经济研究中心

协办单位：  
中央财经大学-电子科技大学联合数据研究中心  
济南人力资本产业研究院

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<http://humancapital.cufe.edu.cn/>

## BRIEF CONFERENCE PROGRAM

December 8, 2023

16:00-18:00	Registration	Mannsic Hotel Lobby
18:00-20:00	Reception/Dinner	CUFE 3 <sup>rd</sup> Floor Chinese Buffet Host: Sophie Wang & Xianfang Xiong

December 9, 2023

PLENARY SESSION (Room: Academic 706   Tencent/VooV Meeting ID: 533743932)		
08:00-08:30	Registration/Reception	Host: Yi Zhang & Chen Huang
08:30-11:15	Opening and Welcome Remarks	
	The Release of the 15 <sup>th</sup> China Human Capital Report-2023	
	Keynote Speech	
PARALLEL SESSIONS		
11:30-12:45	A-1 Health, Migration, and Urbanization (Room: Academic 706)	
	A-2 Online Learning and Peer Effects (Room: Academic 702)	
	A-3 Marriage and Divorce (Room: Academic 712)	
	A-4 Field/Quasi Experiments and Human Capital (Room: Academic 506)	
	A-5 Online Session I (Room: Academic 608   Tencent/VooV Meeting ID: 615541244)	
	A-6 PhD Student Session I (Room: Academic 309)	
12:45-14:00	Lunch Break	CUFE 3 <sup>rd</sup> Floor Cafeteria Host: Ning Jia & Yulong Chen
14:00-16:00	B-1 Fertility (Room: Main 106)	
	B-2 Insurance, Health, and Care (Room: Main 105)	
	B-3 Education Reform and FDI (Room: Academic 309)	
	B-4 Cognitive Development and Labor Market Outcomes (Room: Academic 506)	
	B-5 CEDC Session on Data Science (Academic 608   Tencent/VooV Meeting ID: 401395855)	
	B-6 NSFC-NRF Session (Room: Academic 712)	
16:00-16:15	Tea/Coffee Break	
16:15-18:15	C-1 Technology and Labor Market (Room: Academic 506)	
	C-2 Firm and Human Capital (Room: Main 106)	
	C-3 Human Capital and Life-Cycle Decisions (Room: Academic 309)	
	C-4 PhD Student Session II (Room: Main 105)	
	C-5 Online Session II (Room: Academic 712   Tencent/VooV Meeting ID: 535776502)	
	C-6 Online Session III (Room: Academic 608   Tencent/VooV Meeting ID: 455668487)	
	C-7 Jinan Human Capital Industry Research Institute Session	
18:30-20:00	Banquet/Alumni Reunion	Expert Restaurant Host: Fanzheng Yang & Nina Yin

December 10, 2023

10:00-12:00	Human Capital Project Round-Table Discussion	Academic 603
12:00-13:30	Lunch Break	Tongqing Lou
16:30-18:30	Chongqing Human Capital Valuation Round-Table Discussion	Academic 603
18:30-20:00	Dinner	Expert Restaurant

December 11, 2023

16:30-17:30	NSFC-NRF Collaborative Project Round-Table Discussion	Academic 606
17:30-19:30	Dinner	Bianyi Fang Duck

## 简要会议时间安排

2023 年 12 月 8 日

16:00-18:00	会议注册(仅线下参会者)	慢曲酒店一楼大厅
18:00-20:00	接待晚餐	校内子衿食堂三层中餐厅自助 主持: 汪雪菲 熊咸芳

2023 年 12 月 9 日

全会 (地点: 学术会堂 706   腾讯/VooV 会议号: 533743932)		
08:00-08:30	会议注册/接待(仅线下参会者)	主持: 张亿 黄忱
08:30-11:15	开场致辞	
	第十五届中国人力资本指数及报告发布-2023 年 (详细议程请见独立表格)	
	主题演讲	
平行分会		
11:30-12:45	A-1 健康、移民与城镇化 (学术会堂 706)	
	A-2 在线学习与同伴效应 (学术会堂 702)	
	A-3 婚姻与离异 (学术会堂 712)	
	A-4 田野(准自然)实验与人力资本 (学术会堂 506)	
	A-5 在线分会 I (地点: 学术会堂 608   腾讯/VooV 会议号: 615541244)	
	A-6 博士生专场 I (学术会堂 309)	
12:45-14:00	会议午餐	校内子衿食堂三层西餐厅 主持: 贾凝 陈玉龙
14:00-16:00	B-1 生育 (主教学楼 106)	
	B-2 保险、健康与照料 (主教学楼 105)	
	B-3 教育改革与外国直接投资 (学术会堂 309)	
	B-4 认知发展与劳动力市场表现 (学术会堂 506)	
	B-5 数据中心专场 (地点: 学术会堂 608   腾讯/VooV 会议号: 401395855)	
	B-6 NSFC-NRF 合作项目专场 (学术会堂 712)	
16:00-16:15	茶歇	
16:15-18:15	C-1 科技与劳动力市场 (学术会堂 506)	
	C-2 企业与人力资本 (主教学楼 106)	
	C-3 人力资本与生命周期决策 (学术会堂 309)	
	C-4 博士生专场 II (主教学楼 105)	
	C-5 在线分会 II (地点: 学术会堂 712   腾讯/VooV 会议号: 535776502)	
	C-6 在线分会 III (地点: 学术会堂 608   腾讯/VooV 会议号: 455668487)	
	C-7 济南专场	
18:30-20:00	会议晚餐 (暨校友聚会)	专家宾馆桌餐 主持: 杨帆征 尹妮娜

2023 年 12 月 10 日

10:00-12:00	人力资本项目圆桌讨论会 (详细议程请见独立表格)	学术会堂 603
12:00-13:30	会议午餐	同庆楼
16:30-18:30	重庆人力资本评估圆桌讨论会 (详细议程请见独立表格)	学术会堂 603
18:30-20:00	会议晚餐	专家宾馆

2023 年 12 月 11 日

16:30-17:30	NSFC-NRF 合作项目圆桌讨论会 (详细议程请见独立表格)	学术会堂 606
17:30-19:30	会议晚餐	便宜坊烤鸭店

## PLENARY SESSION SCHEDULE

**December 9, 2023**

(Location: Academic 706; Tencent/VooV Meeting ID: 533743932)

(The time zone is **Beijing Time**)

### PLENARY SESSION

- 08:00-08:30**     **Registration/Reception (for in-person participants only)**
- 08:30-08:45**     **Opening and Welcome Remark**
- Chair:**     Professor Zhiqiang Liu (State University of New York at Buffalo & Special-term Professor, Associate Director, CHLR)
- Speaker:** Professor Tao Li (Vice President, Central University of Finance and Economics)  
                 Professor Jong-Wha Lee (Eminent Professor, Korea University)
- 08:45-09:20**     **China Human Capital Report 2023**
- Chair:**     Professor Steven F. Lehrer (Queen's University & Special-term Professor, CHLR)  
                 Professor Belton M. Fleisher (Ohio State University & Special-term Professor, CHLR)
- Speaker:** Professor Barbara M. Fraumeni (NBER & Special-term Professor, CHLR)  
                 Professor Haizheng Li (Principal Investigator, Georgia Institute of Technology)
- 09:20-09:45**     **Invited Discussants for China Human Capital Report 2023**
- Chair:**     Professor Cynthia A. Bansak (St. Lawrence University & Special-term Professor, CHLR)
- Discussant:** Professor Jong-Wha Lee (Eminent Professor, Korea University)  
                 Professor Patrick McCarthy (Emeritus Professor, Georgia Institute of Technology)
- 09:45-09:50**     **Q&A**
- 09:50-10:00**     **Tea/Coffee break**
- 10:00-11:00**     **Keynote Speech**
- Chair:**     Professor Haizheng Li (Georgia Institute of Technology)
- Speaker:** Professor Lance Lochner (University of Western Ontario, Canada Research Chair in Human Capital and Inequality & Editor at the *Journal of Political Economy*)
- 11:00-11:15**     **Q&A**

## 全体会议时间安排

2023 年 12 月 9 日

(地点: 学术会堂 706; 腾讯/VooV 会议号: 533743932, 按北京时间)

### 全体会议

- |             |                                                                                                                                                                               |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00-08:30 | 会议注册/接待(仅线下参会者)                                                                                                                                                               |
| 08:30-08:45 | 开场致辞<br>主持人: 刘智强教授 (纽约州立大学布法罗分校及 CHLR)<br>主讲人: 李涛教授 (副校长, 中央财经大学)<br>Jong-Wha Lee 教授 (韩国高丽大学)                                                                                 |
| 08:45-09:20 | 2023 年中国人力资本报告发布<br>主持人: Steven F. Lehrer 教授 (加拿大女王大学及 CHLR)<br>Belton M. Fleisher 教授 (俄亥俄州立大学及 CHLR)<br>主讲人: Barbara M. Fraumeni 教授 (NBER 及 CHLR)<br>李海峥 教授 (项目负责人, 佐治亚理工学院) |
| 09:20-09:45 | 人力资本报告特邀点评<br>主持人: Cynthia A. Bansak 教授 (圣劳伦斯大学及 CHLR)<br>主讲人: Jong-Wha Lee 教授 (韩国高丽大学)<br>Patrick McCarthy 教授 (佐治亚理工学院)                                                      |
| 09:45-09:50 | 提问与讨论                                                                                                                                                                         |
| 09:50-10:00 | 茶歇                                                                                                                                                                            |
| 10:00-11:00 | 主题演讲<br>主持人: 李海峥 教授 (佐治亚理工学院)<br>主讲人: Lance Lochner 教授 (西安大略大学, 加拿大首席科学家及<br><i>Journal of Political Economy</i> 主编)                                                          |
| 11:00-11:15 | 提问与讨论                                                                                                                                                                         |

## **Human Capital Project Round-Table Discussion**

**(10:00AM-12:00PM, Dec.10<sup>th</sup>, Sunday, Beijing Time)**

**Chair: Haizheng Li (Georgia Institute of Technology & CHLR)**

**Participants: By invitation only**

**Venue: Academic 603 | Tencent/VooV Meeting**

**10:00-10:15 Human Capital Project Overview**

Haizheng Li (Georgia Institute of Technology & CHLR)

**10:10-11:00 Human Capital Project Implementation Details**

Xianfang Xiong (CHLR)

Yi Zhang (CHLR)

Yulong Chen (CHLR)

**11:00-11:25 Comments and Suggestions**

Zhiqiang Liu (State University of New York at Buffalo & CHLR)

Patrick McCarthy (Emeritus Professor, Georgia Institute of Technology)

Barbara M. Fraumeni (NBER & Special-term Professor, CHLR)

Steven F. Lehrer (Queen's University)

Cynthia A. Bansak (St. Lawrence University & Special-term Professor, CHLR)

**11:25-12:00 Discussion**

**12:00-13:30 Lunch**

Restaurant: Tongqing Lou, Dazhongsi Branch

Participants: Haizheng Li, Cynthia A. Bansak, Patrick McCarthy,

Sophie Wang, Fanzheng Yang, Nina Yin, Ning Jia, Chen Huang,

Yulong Chen, Yi Zhang, Xianfang Xiong, Rong Huang, Lingxuan Zhu

## 人力资本项目圆桌讨论会

(12月10日上午 10:00-12:00, 星期日, 北京时间)

主持人: 李海峥 (中央财经大学人力资本中心, 佐治亚理工学院)

参与者: 仅邀请参与

地点: 学术会堂 603 | 腾讯/VooV 会议

**10:00-10:15** 近年人力资本项目实施以及成果介绍

发言人: 李海峥 (中央财经大学人力资本中心, 佐治亚理工学院)

**10:15-11:00** 中心项目运行过程介绍及遇到问题

发言人: 熊咸芳 (中央财经大学人力资本中心)

张亿 (中央财经大学人力资本中心)

陈玉龙 (中央财经大学人力资本中心)

**11:00-11:25** 特聘教授提供建议和指导

发言人: 刘智强 (纽约州立大学布法罗分校)

Patrick McCarthy (荣誉退休教授, 佐治亚理工学院)

Barbara M. Fraumeni (NBER, 中央财经大学特聘教授)

Steven F. Lehrer (女皇大学)

Cynthia A. Bansak (圣劳伦斯大学)

**11:25-11:50** 交流讨论环节

发言人: 自由发言

**11:50-12:00** 总结会议

**12:00-13:30** 午餐

餐馆: 同庆楼大钟寺店

参与者: 李海峥、Cynthia A. Bansak、Patrick McCarthy、汪雪菲、  
杨帆征、尹妮娜、贾凝、黄忱、陈玉龙、张亿、熊咸芳、黄蓉、  
朱凌萱



## **Basic Theory and Feasibility Study of Human Capital Securitization**

### **Trading Seminar**

**(16:30PM-18:30PM, Dec.10<sup>th</sup>, Sunday, Beijing Time)**

**Chair: Sophie Wang** (Central University of Finance and Economics & CHLR)

**Participants: By invitation only**

**Venue: Academic 603**

16:30-16:35 **Introduction**

16:35-16:45 **Opening Remarks**

Haizheng Li (Georgia Institute of Technology & CHLR)

Yujun Yuan (China Yangtze Economic Belt Development Research  
Institute)

16:45-17:00 **Release of Chongqing Human Capital Report**

Zhe Wang (Central University of Finance and Economics & CHLR)

17:00-17:30 **Research on Human Capital Securitization**

Xin Gu (Xi'an Jiaotong-Liverpool University)

Xianfang Xiong (Central University of Finance and Economics)

Jing Xu (Zhejiang Gongshang University)

Zhe Zhai (Hunan University)

17:30-17:45 **Introduction of Chongqing Human Capital**

Xiao Luo (Chongqing Municipal Human Resources and Social Security  
Bureau)

17:45-18:10 **Special Professor Sharing and Panel Discussion**

Cynthia Bansak (St. Lawrence University)

Patrick McCarthy (Emeritus Professor, Georgia Institute of Technology)

Steven Lehrer (Queen's University)

18:10-18:25 **Open Discussion**

18:25-18:30 **Closing Remarks**

## 人力资本证券化交易的基本理论及可行性研究

### 专家论证会

(12月10日下午 16:30-18:30, 星期日, 北京时间)

主持人: 汪雪菲(中央财经大学人力资本中心)

参与者: 仅邀请参与

地点: 学术会堂 603

**16:30-16:35** 主持人开场

**16:35-16:45** 领导致辞

发言人: 李海峥(佐治亚理工学院)

袁羽钧(中国长江经济带发展研究院)

**16:45-17:00** 重庆市人力资本指数发布

发言人: 王喆(中央财经大学人力资本中心)

**17:00-17:30** 人力资本证券化研究成果分享

发言人: 顾鑫(西交利物浦大学)

发言人: 熊咸芳(中央财经大学)

发言人: 徐晶(浙江工商大学)

发言人: 翟喆(湖南大学)

**17:30-17:45** 重庆市人力资本相关工作开展情况介绍

发言人: 罗潇(重庆市人力资源和社会保障局)

**17:45-18:10** 特聘教授分享及座谈交流

发言人: Cynthia Bansak(美国圣劳伦斯大学)

发言人: Patrick McCarthy(美国佐治亚理工大学)

发言人: Steven Lehrer(加拿大女王大学)

**18:10-18:25** 全体成员自由讨论

**18:25-18:30** 总结发言

## **NSFC-NRF Collaborative Project Round-Table Discussion**

**(16:30PM-17:30PM, Dec.11<sup>th</sup>, Monday, Beijing Time)**

**Chair: Qinyi Liu** (University of International Business and Economics)

**Participants: By invitation only**

**Venue: Academic 606**

**16:30-16:40    Opening remarks**

Haizheng Li (Georgia Institute of Technology & CHLR)

Jong-Wha Lee (Korea University)

**16:40-17:00    Korean NSF's requirements and cooperation in 2024**

Eunbi Song (Monash University Malaysia)

**17:00-17:30    Discussion**

Patrick McCarthy (Emeritus Professor, Georgia Institute of Technology)

Steven F. Lehrer (Queen's University)

**17:30-19:30    Dinner**

Restaurant: Bianyi Fang Duck

Participants: Haizheng Li, Jong-Wha Lee, Eunbi Song,

Patrick McCarthy, Steven F. Lehrer, Qinyi Liu,

Xianfang Xiong, Jing Xu, Xin Li

## 国家自然科学基金委员会与韩国国家研究基金会

### 合作项目圆桌讨论会

(12月11日下午 16:30-17:30, 星期一, 北京时间)

主持人: 刘沁怡 (对外经济贸易大学)

参与者: 仅邀请参与

地点: 学术会堂 606

**16:30-16:40** 开场致辞

发言人: 李海峥 (佐治亚理工学院)

Jong-Wha Lee (高丽大学)

**16:40-17:00** 韩国国家研究基金会对项目的要求与 2024 年合作计划

Eunbi Song (莫纳什大学马来西亚校区)

**17:00-17:30** 讨论

Patrick McCarthy (荣誉退休教授, 佐治亚理工学院)

Steven F. Lehrer (女皇大学)

**17:30-19:30** 晚宴

餐馆: 便宜坊烤鸭店 (安华店)

参与者: 李海峥, Jong-Wha Lee, Eunbi Song,

Patrick McCarthy, Steven F. Lehrer, 刘沁怡,

熊咸芳, 徐晶, 李鑫

## PARALLEL SESSIONS

### Session A-1: Health, Migration, and Urbanization

(11:30 AM-12:45 PM, Beijing Time)

**Chair:** *Cynthia Bansak* (St. Lawrence University, cbansak@stlawu.edu)

**Coordinator:** Tianzixuan Hu (mobile:19800309132), Qihan Qin

#### **Elderly Health and Extended Health Insurance Coverage in China**

Authors: **Xuezhu Shi** (University of International Business and Economics)

Discussant: *Cynthia Bansak* (St. Lawrence University)

#### **Does Land Titling Reform Promote Urban-Rural Migration? Evidence from the Rural Households in China**

Authors: Fung Kwan (University of Macau)

**Xingshu Ma** (University of Macau)

Discussant: *Xuezhu Shi* (University of International Business and Economics)

#### **How does Government-Driven Urbanization Affect the Employment of Labor Force? Evidence from the “Revoke County to Urban District” in China**

Authors: **Xu Chen**

Discussant: *Xingshu Ma* (University of Macau)

### Session A-2: Online Learning and Peer Effects

(11:30 AM-12:45 PM, Beijing Time)

**Chair:** *Hanol Lee* (SWUFE, hanollee@swufe.edu.cn)

**Coordinator:** Jinglei Li (mobile:18228551710), Yongqi Li

#### **Social Conformity or Complementarity: Peer Effects in Online Learning**

Authors: **Yiting Xu** (Central University of Finance and Economics)

Xin Gu (Xi'an Jiaotong-Liverpool University)

Lanfeng Deng (South China Normal University)

Discussant: *Zhe Wang* (Central University of Finance and Economics)

**Course Design, Non-cognitive Ability, and Online Learning Behavior**

Authors: **Zhe Wang** (Central University of Finance and Economics)

Discussant: *Xin Gu* (Xi'an Jiaotong-Liverpool University)

**Does the Closeness of Peers Matter? An Investigation Using Online Training Platform Data and Survey Data**

Authors: **Xin Gu** (Xi'an Jiaotong-Liverpool University)

Discussant: *Yiting Xu* (Central University of Finance and Economics)

**Session A-3: Marriage and Divorce**

**(11:30 AM-12:45 PM, Beijing Time)**

**Chair:** *Yiru Wang* (SWUFE, wangyiru@swufe.edu.cn)

**Coordinator:** Tingting Liu (mobile:18743221009), Mingsi Yu

**The Impact of Property Division upon Divorce on Matching by Socioeconomic Status: Evidence from China**

Authors: **Yiru Wang** (Southwestern University of Finance and Economics)

Discussant: *Zhe Yang* (Liaoning University)

**Property Division Regime upon Divorce, Intrahousehold Bargaining Power and Childbearing Decisions in Mainland China**

Authors: Yu Zhang (University of International Business and Economics)

**Shiying Wei** (University of International Business and Economics)

Discussant: *Ning Jia* (Central university of Finance and Economics)

**Marriage or Cohabitation? The Role of Gender Wage Gap**

Authors: Shiko Maruyama (Jinan University)

Jun Hyung Kim (KAIST)

**Zhe Yang** (Liaoning University)

Discussant: *Yiru Wang* (Southwestern University of Finance and Economics)

**Session A-4: Field and Quasi Experiments and Human Capital**

**(11:30 AM-12:45 PM, Beijing Time)**

**Chair:** *Duo Xu* (CASS, xuduo\_nsd@pku.edu.cn)

**Coordinator:** Yiyang Shen (mobile:18911386220), Xiaolei Guo

**Demystifying College Costs Through Behavioral Nudges: Experimental Evidence from China**

Authors: **Yu Zhao** (Renmin University of China)

Xiaoyang Ye (Brown University)

Qiuxiang Wu (Renmin University of China)

Discussant: *Fanzheng Yang* (Central university of Finance and Economics)

**Persistent Transitory Shocks: Evidence from the First Week of School**

Authors: Justin Jihao Hong (Boston University)

Yuzhao Yang (Boston University)

**Yuheng Zhao** (Renmin University of China)

Discussant: *Duo Xu* (Chinese Academy of Social Sciences)

**Effects of Comprehensive Public Smoking Ban on Smoking Behaviors and Macro-Burden: A Quasi-Experiment Study in China**

Authors: **Duo Xu** (Chinese Academy of Social Sciences)

Discussant: *Yuheng Zhao* (Renmin University of China)

**Session A-5: Online Session I**

**(11:30 AM-12:45 PM, Beijing Time)**

**Chair:** *Shutong Chi* (Zhejiang University, shutong\_chi@163.com)

**Coordinator:** Shuijin Zhang (mobile:18365433440), Wenbin Hu

**The Impacts of the Double-First Class Program on the Job Market Performance of New Graduates**

Authors: Yanchi Zou (Northeastern University)

**Yanli Liu** (Northeastern University)

Discussant: *Shutong Chi* (Zhejiang University)

**Long-run Impact of Early-Life Adversity on Prosocial Behavior: Evidence from China's 1959-1961 Great Famine**

Authors: **Shaoda Wang** (National University of Singapore)

Discussant: *Yanli Liu* (Northeastern University)

**Development Rights Transfer and Rural-Urban Migration: Evidence from Chongqing's Land Quotas Trading Program**

Authors: Xinjie Shi (Zhejiang University)

**Shutong Chi** (Zhejiang University)

Discussant: *Shaoda Wang* (National University of Singapore)

**Session A-6: PhD Student Session I - Behavior and Skill Formation**

**(11:30 AM-12:45 PM, Beijing Time)**

**Chair:** *Xu Wang* (CUFE, 614352334@qq.com)

**Coordinator:** Jiaan Liu (mobile:15132433585), Sikun Zhu

**Critical Women and Confident Men? Differences in Skill Perception and Investment at University**

Authors: **Liqing Chen** (University of Technology Sydney)

Adeline Delavande (University of Technology Sydney)

Emilia Del Bono (University of Essex)

Angus Holford (University of Essex)

Discussant: *Xiaoyuan Kang* (Central University of Finance and Economics)

**What Makes Firm Loss Just Making CEO More Turnover? Evidence from Top Executive Turnover in China**

Author: **Xiaofei Jin** (Central University of Finance and Economics)

Discussant: *Liqing Chen* (University of Technology Sydney)

**A Study on Comment Behavior of Participants in Online Courses**

Authors: **Xiaoyuan Kang** (Central University of Finance and Economics)

Discussant: *Xiaofei Jin* (Central University of Finance and Economics)



**Session B-1: Fertility**

**(14:00 PM-16:00 PM, Beijing Time)**

**Chair:** *Eva Dziadula* (University of Notre Dame, edziadul@nd.edu)

**Coordinator:** Tianzixuan Hu (mobile:19800309132), Qihan Qin

**China's "Later, Longer, Fewer" Campaign and Intergenerational Support of Elderly Parents**

Authors: Cynthia Bansak (St. Lawrence University)

**Eva Dziadula** (University of Notre Dame)

Sophie Xuefei Wang (Central University of Finance and Economics)

Discussant: *Si Wang* (Hunan University)

**Fertility and Working Beyond Retirement Age**

Authors: **Sophie Xuefei Wang** (Central University of Finance and Economics)

Discussant: *Yi Zhang* (Central University of Finance and Economics)

**The Nonlinear Effect of Childbearing on Cognitive Functioning in Old Age: Evidence from Rural China**

Authors: Yuting Bai (Hunan University)

**Si Wang** (Hunan University)

Discussant: *Eva Dziadula* (University of Notre Dame)

**Does China's Fertility Policy Induce Employment Discrimination against Women on Hiring Platforms? A Nationwide Correspondence Experiment**

Authors: Xun Li (Wuhan University)

**Dan Wen** (Peking University)

Discussant: *Sophie Xuefei Wang* (Central University of Finance and Economics)

**From Births to Ventures: Impacts of Fertility on Internal Migrants' Entrepreneurship in China**

Authors: **Chuhui He** (Central University of Finance and Economics)

Sophie Xuefei Wang (Central University of Finance and Economics)

Xianfang Xiong (Central University of Finance and Economics)

Yi Zhang (Central University of Finance and Economics)

Discussant: *Dan Wen* (Peking University)

**Session B-2: Insurance, Health, and Care**

**(14:00 PM-16:00 PM, Beijing Time)**

**Chair:** *Xinmei Wang* (Zhejiang University, wangxmyy@zju.edu.cn)

**Coordinator:** Jinglei Li (mobile:18228551710), Yongqi Li

**Maternity Leave and Gender Equality: Evidence from China**

Authors: **Chen Huang** (Central University of Finance and Economics)

Ning Jia (Central University of Finance and Economics)

Discussant: *Zining Liu* (Central University of Finance and Economics)

**Exposure to Pension Scheme and Adolescent Outcomes: Evidence from Rural China**

Authors: **Xin Li** (Central University of Finance and Economics)

Discussant: *Xinmei Wang* (Zhejiang University)

**Working Longer in China: Implicit Tax or Subsidy?**

Authors: Jing Xu (Zhongshan University)

**Xinmei Wang** (Zhejiang University)

Discussant: *Nina Yin* (Central University of Finance and Economics)

**The Spillover Effect of Long-term Care Insurance on Spousal Labor Supply: Existence and Mechanisms**

Authors: Xiao Han (Chinese Academy of Social Sciences)

**Zining Liu** (Central University of Finance and Economics)

Wei Zheng (Peking University)

Discussant: *Chen Huang* (Central University of Finance and Economics)

**Session B-3: Education Reform and FDI**

**(14:00 PM-16:00 PM, Beijing Time)**

**Chair:** *Jiaan Lin* (SXUFE, jiaanlin@sxufe.edu.cn)

**Coordinator:** Jiaan Liu (mobile:15132433585), Sikun Zhu

**Children's Human Capital Accumulation and Parents' Cigarette Smoking: Evidence from the Higher Education Expansion in China**

Authors: Cong Li (Shanghai University of Finance and Economics)

Feng Liu (Chinese University of Hong Kong)

Linlin Wu (Shanghai University of Finance and Economics)

**Ruofei Xu** (Anhui University of Finance & Economics)

Discussant: *Yan Sun* (China University of Labor Relations)

**Educational Opportunities and Social Mobility: The Effect of China's College Expansions in 1999 and 2019**

Authors: Carl Lin (Bucknell University)

**Yan Sun** (China University of Labor Relations)

Chunbing Xing (Renmin University of China)

Discussant: *Ruofei Xu* (Anhui University of Finance & Economics)

**Human Capital and FDI Location: Evidence from China's College Expansion**

Authors: **Difei Ouyang** (University of International Business and Economics)

Weidi Yuan (Nanjing University)

Discussant: *Jiaan Lin* (Shanxi University of Finance and Economics)

**Human Capital, Foreign Direct Investment and Economic Growth: Evidence from China**

Authors: **Jiaan Lin** (Shanxi University of Finance and Economics)

Discussant: *Difei Ouyang* (University of International Business and Economics)

**Session B-4: Cognitive Development and Labor Market Outcomes**

**(14:00 PM-16:00 PM, Beijing Time)**

**Chair:** *Patrick McCarthy* (Georgia Institute of Technology, mccarthy@gatech.edu)

**Coordinator:** Yiyang Shen (mobile:18911386220), Xiaolei Guo

**A The Economic Impact of Heritable Physical Traits: Hot Parents, Rich Kid?**

Authors: Daniel Hamermesh (University of Texas)

**Anwen Zhang** (University of Glasgow)

Discussant: *Xianfang Xiong* (Central University of Finance and Economics)

**A Whether Respondent Types Matter: Parenting and Children's Human Capital Development**

Authors: **Xianfang Xiong** (Central University of Finance and Economics)

Discussant: *Lihan Jiang* (Hangzhou Dianzi University)

**Parents' Gender Stereotypes and Children's Cognitive Outcomes: Empirical Study Based on Sibling Structure**

Authors: **Ping Qi** (Hunan University)

Discussant: *Guansheng Wu* (Hunan University)

**Preschool TV Viewing and Cognitive Development: Evidence from China**

Authors: **Lihan Jiang** (Hangzhou Dianzi University)

Bing Ye (Zhejiang University)

Discussant: *Anwen Zhang* (University of Glasgow)

**Spillover Effects of Family Health Shocks on Cognitive and Noncognitive Performance in the Classroom**

Authors: **Guansheng Wu** (Hunan University)

Zhihan Zhou (Jinan University)

Liping Chen (Hunan University)

Jiada Lin (Shanghai University of Finance and Economics)

Discussant: *Ping Qi* (Hunan University)

**Session B-5: CEDC Session on Data Science**

**(14:00 PM-16:00 PM, Beijing Time)**

**Chair:** *Boyang Gao* (CEDC, cufegaoboyang@163.com)

**Coordinator:** Shuijin Zhang (mobile:18365433440), Wenbin Hu

**Unleashing GPT: The Pretrain-Finetune Paradigm in Open-Ended Response Scoring**

Authors: **Mingfeng Xue** (University of California) - Online

Discussant: *Yan Wang* (Central University of Finance and Economics)

**Natural Is The Best: Model-Agnostic Code Simplification for Pre-trained Large Language Models**

Authors: **Yan Wang** (Central University of Finance and Economics)

Discussant: *Boyang Gao* (Central University of Finance and Economics)

**When Town Loses Gown: The Effects of University Relocation on Local Economic Development**

Authors: Qiong Zhu (Peking University)

**Lu Lin** (Peking University)

Wei Ha (Peking University)

Discussant: *Qian Hu* (Central University of Finance and Economics)

**Factors of Migrants' Multi-Stage Flow in China: Group Disparity and Past Migration Experience**

Authors: **Tianjiao Li** (China University of Geosciences)

Discussant: *Qian Hu* (Central University of Finance and Economics)

**Session B-6: NSFC-NRF Collaborative Project Session**

**(14:00 PM-16:00 PM, Beijing Time)**

**Chair:** *Jong-Wha Lee* (Korea University, jongwha@korea.ac.kr)

**Coordinator:** Tingting Liu (mobile:18743221009), Mingsi Yu

**Impacts of Mandatory Local Talent-Hiring Policy on the Labor Market Performance**

Authors: Sungjae Oh (Jeonbuk National University)

**Hanol Lee** (Southwestern University of Finance and Economics)

Discussant: *Zhe Zhai* (Hunan University)

**Do CEOs with a Higher Salary Produce Better Firm Performance?**

Authors: **Eunbi Song** (Monash University Malaysia)

Jing Xu (Zhejiang Gongshang University)

Discussant: *Xin Gu* (Xi'an Jiaotong-Liverpool University)

### **An Innovation Indicator of Managerial Human Capital**

Authors: **Xu Wang**(Central University of Finance and Economic)

Jing Xu (Zhejiang Gongshang University)

Xin Li (Central University of Finance and Economics)

Discussant: *Hanol Lee* (Southwestern University of Finance and Economics)

### **The Impact of Retirement and Reemployment on Life Satisfaction: A Longitudinal Study Among the Elderly in Korea**

Authors: Do Won Kwak (Korea University)

**Jong-Wha Lee** (Korea University)

Discussant: *Cynthia Bansak* (St. Lawrence University)

### **Session C-1: Technology and Labor Market**

**(16:15 PM-18:15 PM, Beijing Time)**

**Chair:** *Yiwei Qian* (SWUFE, qianyw@swufe.edu.cn)

**Coordinator:** Yiyang Shen (mobile:18911386220), Xiaolei Guo

### **Impact of Technological Progress on Demand for Human Capital and Talents**

Authors: **Qing-Ping Ma** (University of Nottingham Ningbo China)

Discussant: *Yiwei Qian* (Southwestern University of Finance and Economics)

### **Large Language Models at Work in China's Labor Market**

Authors: Qin Chen (MetroData)

**Jinfeng Ge** (Shanghai Artificial Intelligence Laboratory)

Huaqing Xie (Shanghai Artificial Intelligence Laboratory)

Xingcheng Xu (Shanghai Artificial Intelligence Laboratory)

Yanqing Yang (Shanghai Artificial Intelligence Laboratory; Fudan University)

Discussant: *Qing-Ping Ma* (University of Nottingham Ningbo China)

### **Gender Differences in Preferences for Non-Pecuniary Benefits in the Labour Market: Experimental Evidence from an Online Freelancing Platform**

Authors: Rakesh Banerjee (University of Exeter)

Tushar Bharati (University of Western Australia)

Adnan Fakir (University of Sussex)

**Yiwei Qian** (Southwestern University of Finance and Economics)

Naveen Sunder (Bentley University)

Discussant: *Jinfeng Ge* (Shanghai Artificial Intelligence Laboratory)

### **The Road to Education: Does Road Improve Human Capital? Evidence from Rural China**

Authors: Ning Jia (Central University of Finance and Economics)

Weizeng Sun (Central University of Finance and Economics)

**Yifan Wang** (Central University of Finance and Economics)

Discussant: *Yulong Chen* (Central University of Finance and Economics)

### **Session C-2: Firm and Human Capital**

**(16:15 PM-18:15 PM, Beijing Time)**

**Chair:** *Xiuli Sun* (SWUFE, sunline862@126.com)

**Coordinator:** Tianzixuan Hu (mobile:19800309132), Qihan Qin

### **A Hidden Domino Effect of Firm CSR in Response to Multi-Stakeholders: Evidence from China's Resource Tax Reform**

Authors: **Xiuli Sun** (Southwestern University of Finance and Economics)

Discussant: *Bo Wang* (Nankai University)

### **Why Enter the Downstream/Upstream's Technology Domains? The Moderate Role of Managerial Human Capital**

Authors: Jie Cen (Zhejiang Gongshang University)

**Zimu Zhang** (Zhejiang Gongshang University)

Jing Xu (Zhejiang Gongshang University)

Discussant: *Xiao Liang* (Peking University)

### **Do Double Majors Face Less Risk? An Analysis of Human Capital Diversification**

Authors: Andrew Hanks (Ohio State University)

Shengjun Jiang (Wuhan University)

Xuechao Qian (Stanford Graduate School of Business)

**Bo Wang** (Nankai University)

Bruce Weinberg (Ohio State University)

Discussant: *Xiuli Sun* (Southwestern University of Finance and Economics)

**Internship Experience, Education Choices and Labor Market Outcomes: Evidence from a Longitudinal Survey of Vocational Graduates in China**

Authors: **Xiao Liang** (Peking University)

Hongmei Yi (Peking University)

Discussant: *Yi Zhang* (Central University of Finance and Economics)

**Session C-3: Human Capital and Life-Cycle Decisions**

**(16:15 PM-18:15 PM, Beijing Time)**

**Chair:** *Eunbi Song* (Monash University Malaysia, eunbi.song@monash.edu)

**Coordinator:** Jiaan Liu (mobile:15132433585), Sikun Zhu

**Understanding the Urban Wage Premium: A Life-Cycle Perspective on Multidimensional Human Capital**

Authors: **Jiabing Liu** (Xiamen University)

Minqiang Zhao (Xiamen University)

Discussant: *Jiaojiao Wu* (Chinese Academy of Sciences)

**Nonlinear Dependence and Households' Portfolio Decisions over the Life Cycle**

Authors: **Wei Jiang** (The Hong Kong University of Science and Technology)

Shize Li (Hong Kong University of Science and Technology)

Jialu Shen (University of Missouri)

Discussant: *Yi Lai* (Central university of Finance and Economics)

**War-Induced Disaster, Educational Attainment and Gender Gap**

Authors: Hanchen Jiang (University of International Business and Economics)

**Yi Lai** (Central university of Finance and Economics)



Zhou Yi (Peking University)

Discussant: *Wei Jiang* (The Hong Kong University of Science and Technology)

**The Evolution of Returns to Human Capital in Rural China: Education V.S. Experience**

Authors: **Jiaojiao Wu** (Chinese Academy of Sciences)

Yunli Bai (Chinese Academy of Sciences)

Chengfang Liu (Peking University)

Scott Rozelle (Stanford University)

Discussant: *Jiabing Liu* (Xiamen University)

**Session C-4: PhD Students II - Human Capital and Policy**

**(16:15 PM-18:15 PM, Beijing Time)**

**Chair:** *Zhe Wang* (CUFE, wkwangzhe@163.com)

**Coordinator:** Jinglei Li (mobile:18228551710), Yongqi Li

**The Impacts of Relaxing Family Planning Policy on Future Population and Human Capital in China**

Authors: **Chunxiao Zhang** (Central University of Finance and Economics)

Discussant: *Xinjie Ouyang* (Hunan University)

**Birth Order Peer Effects on Student's Cognitive Development: Evidence from China  
Education Panel Study**

Author: **Chengxue Huang** (University of Nottingham Ningbo China)

Yang Li (University of Nottingham Ningbo China)

Zhenjiang Lin (University of Nottingham Ningbo China)

Molin Li (University of Nottingham Ningbo China)

Discussant: *Chunxiao Zhang* (Central University of Finance and Economics)

**Does House Wealth Improve Children's Obesity and Health Problem?**

Authors: **Xinjie Ouyang** (Hunan University)

Han Dai (Hunan University)

Yaqin Su (Hunan University)

Discussant: *Tianyuan Jiang* (Central University of Finance and Economics)

**Pricing the Missing Intangible Value: Re-estimate Human Capital, R&D Capital and Organization Capital in China A-share Market**

Authors: **Tianyuan Jiang** (Central University of Finance and Economics)

Huixuan Li (Peking University, Beijing Technology and Business University)

Jing Chen (Peking University, China Agricultural University)

Discussant: *Chengxue Huang* (University of Nottingham Ningbo China)

**Session C-5: Online Session II**

**(16:15 PM-18:15 PM, Beijing Time)**

**Chair:** *Yuanwei Xu* (Ruhr University Bochum, yuanwei.xu@rub.de)

**Coordinator:** Tingting Liu (mobile:18743221009), Mingsi Yu

**Employment Effects of Coal Mine Openings in China**

Authors: **Yuanwei Xu** (Ruhr University Bochum)

Tong Zhu (University of Dundee)

Andreas Loeschel (Ruhr-Universität Bochum)

Discussant: *Ning Jia* (Central University of Finance and Economics)

**The Age Structure of the Top Management Teams and Corporate Innovation**

Authors: **John Zhang** (Macau University of Science and Technology)

Discussant: *Elena Kotyrlo* (HSE University)

**Job Teleworkability and Labour Outcomes in the Time of COVID-19**

Authors: **Elena Kotyrlo** (HSE University)

Discussant: *John Zhang* (Macau University of Science and Technology)

**Session C-6: Online Session III**

**(16:15 PM-18:40 PM, Beijing Time)**

**Chair:** *Zhenyu Yao* (SMBU, yaozhenyu@smbu.edu.cn)

**Coordinator:** Shuijin Zhang (mobile:18365433440), Wenbin Hu

**Breaking Barriers: Free Education Reform and the Urban-Rural Disparities in China**

Authors: Jie Bai (The Chinese University of Hong Kong)

Yanjuan Li (Hitotsubashi University)

**Chen Zhang** (Wuhan University)

Discussant: *Zhaoxue Ci* (Zhongnan University of Economics and Law)

**Unveiling the Effects of Opposite-Gender Friendships: Evidence from Middle-School Students in China**

Authors: **Zhenyu Yao** (Shenzhen MSU-BIT University)

He Jiang (Virginia Tech)

Discussant: *Chen Zhang* (Wuhan University)

**Rural Revitalization and Return Migration: An Unintended Consequence of Civilized Villages and Towns Competition**

Authors: **Zhaoxue Ci** (Zhongnan University of Economics and Law)

Nan Gao (Zhongnan University of Economics and Law)

Yuqin Zhong (Zhongnan University of Economics and Law)

Discussant: *Zhenyu Yao* (Shenzhen MSU-BIT University)

**Session C-7: Jinan Human Capital Industry Research Institute Session**

**(By Invitation Only)**

**(16:15 PM-18:15 PM, Beijing Time)**

(Held by Jinan Human Capital Industry Research Institute)

(This session has been moved to December 26, 2023)

**Chair:** Associate Professor Xiping Tian (Hunan University)

Leader of Jinan Human Capital Industry Research Institute

**16:15-16:35      Opening and Welcome Remark**

**Speakers:** Professor Haizheng Li (Georgia Institute of Technology, CHLR)

Leader of Jinan Human Capital Industry Research Institute

**16:35-17:00      The Release of the 15th Shandong Human Capital Report-2023**

**Speaker:** Assistant Professor Xianfang Xiong (Central University of Finance and Economics, CHLR)

**17:00-17:10      Introduction to the Calculation Process of the 15th Shandong Human Capital Report**

**Speaker:** Doctoral Student Xiaoyuan Kang (Central University of Finance and Economics, CHLR)

**17:10-17:20      Comments from Leaders or Members of Jinan Human Capital Industry Research Institute**

**Speakers:** Professors from Jinan Human Capital Industry Research Institute

**17:20-18:10      Q&A**

**18:10-18:15      Summary Speech**

**Speaker:** Professor Haizheng Li (Georgia Institute of Technology, CHLR)

**18:30-20:00      Conference Banquet**

**List of attendees:**

**Faculty Members:**

Xianfang Xiong (Central University of Finance and Economic, CHLR)

Xinping Tian (Hunan University)

Zhe Zhai (Hunan University)

Jing Xu (Zhejiang Gongshang University)

Qinyi Liu (University of International Business and Economics)

Xin Gu (Xi'an Jiaotong-Liverpool University)

Lanfang Deng (South China Normal University)

**Student Members:**

Central University of Finance and Economics:

Yiting Xu, Mingyu Ma, Xin Li, Xiaofei Jin, Chunxiao Zhang, Xiaoyuan Kang, Zhe Wang, Xu  
Wang

Hunan University:

Ping Qi, Guansheng Wu, Xiangyuan Li, Yiwen Zhao, Lulu Zhang

## **Brief Introductions**

### **to the Specially Invited Speaker and Discussant**

#### **Keynote Speaker:**

##### **Lance Lochner**

Professor Lochner is currently Professor of Economics at the University of Western Ontario and Canada Research Chair in Human Capital and Inequality. He also serves as Co-coordinator of the *Markets Network of the Human Capital and Economic Opportunity Global Working Group* and maintains research affiliations with the *National Bureau of Economic Research* in the U.S., the *Rimini Centre for Economic Analysis* in Italy, and *CESifo* in Germany. He is a Fellow of the *Society of Labor Economists* and of the *International Association for Applied Econometrics*. He is also an editor at the *Journal of Political Economy*, and served as an editor at the *Journal of Labor Economics* (2013-2021). He received his PhD in economics from the University of Chicago in 1998.



Professor Lochner's research is largely devoted to the study of human capital formation throughout the lifecycle; although, he has also studied aspects of criminal behavior. His current research examines intergenerational mobility, including the nature of family investments in children and child development; post-secondary financing policies, especially the structure and implications of student loan contracts; and the evolution of skills and skill prices in the economy.

## **Specially-Invited Discussants:**

### **Jong-Wha Lee**

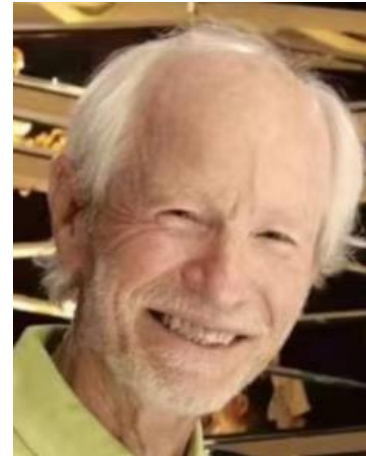
Professor Jong-Wha Lee is the Eminent Professor at Korea University. He was previously Chief Economist and Director General of Economics and Research Department at the Asian Development Bank and an economist at the International Monetary Fund. He has served as a senior adviser for international economic affairs to the former President of South Korea and G20 sherpa. He has also served as president of both the Korea Economic Association and the Korea International Economic Association. He has taught at Australian National University, Columbia University, Harvard University and Peking University. He obtained his Ph.D. and Master's degree in economics from Harvard University.



Professor Lee has made significant contributions to the field of economics, with particular focus on human capital, growth, international finance, and economic integration. His most recent books include *Crisis and Recovery: Learning from the Asian Experience* (World Scientific, 2016), and *Education Matters: Global Schooling Gains from the 19th to the 21st Century* with Robert J. Barro (Oxford University Press, 2015). He has been honored with numerous awards, including Korean National Academy of Sciences Award, Kyung-Ahm Prize, Incheon Award, Cheongram Prize, Maekyung Economist Award, and Dasan Economics Award.

## Patrick McCarthy

Dr. Patrick McCarthy is Emeritus Professor, School of Economics at Georgia Institute of Technology. His research areas include transportation economics, regulation, and applied microeconometrics. He is author of *Transportation Economics Theory and Practice: A Case Study Approach* (Blackwell Publishers, 2001), has published widely in academic journals, served on national committees, and received research funding from the Sloan Foundation, National Science Foundation, National Institutes of Health, the Federal Aviation Administration, Georgia Department of Transportation, and AAA Foundation for Traffic Safety.



Professor McCarthy has held primary appointments at Concordia University (1976–1978), Purdue University (1978–2000), and Georgia Tech (2000–2021). He has held visiting positions in Singapore, Greece, Germany, and China. He currently serves as Associate Editor (*J. Management Science and Engineering*) and is editing a volume (*Emerald Publishing*) analyzing the effects of the COVID-19 pandemic on the airline industry.



## **Conference Organizing Committee**

### CHLR Visiting Professors

Haizheng Li	Chair, Conference Organizing Committee Professor, Georgia Institute of Technology
Belton Fleisher	Co-Chair, Conference Organizing Committee Professor Emeritus, Ohio State University and CHLR
Zhiqiang Liu	Co-Chair, Conference Organizing Committee Professor, SUNY at Buffalo and CHLR
Cynthia A. Bansak	Professor, St. Lawrence University and CHLR
Barbara Fraumeni	Professor, NBER and CHLR
Steven F. Lehrer	Professor, Queen's University and CHLR

### CHLR Full-Time Faculties

Sophie Wang	Associate Professor (Ph.D., Simon Fraser University), CHLR
Fanzheng Yang	Associate Professor (Ph.D., Iowa State University), CHLR
Ning Jia	Associate Professor (Ph.D., University of Notre Dame), CHLR
Nina Yin	Associate Professor (Ph.D., Toulouse School of Economics), CHLR
Yulong Chen	Assistant Professor (Ph.D., Iowa State University), CHLR
Xianfang Xiong	Assistant Professor (Ph.D., Hunan University), CHLR
Chen Huang	Assistant Professor (Ph.D., University of Arizona), CHLR  Plenary Session Coordinator
Yi Zhang	Assistant Professor (Ph.D., Tilburg University), CHLR  Parallel Session Coordinator

## **Conference Logistic Work Committee**

### **Coordinator**

Rong Huang                      Executive Assistant to Director

Lingxuan Zhu                  Project Coordinator

### **Members**

Xiaolei Guo, Tianzixu Hu, Wenbin Hu, Jinglei Li, Yongqi Li, Jiaan Liu, Tingting Liu, Qihan  
Qin, Yiyang Shen, Mingsi Yu, Shuijin Zhang, Sikun Zhu

## **2023 Human Capital Project Research Team**

### **Principal Investigator**

Haizheng Li              Professor, Georgia Institute of Technology

### **Faculty Team Members**

Belton Fleisher	Professor Emeritus, Ohio State University and CHLR
Barbara Fraumeni	Professor, NBER and CHLR
Zhiqiang Liu	Professor, SUNY at Buffalo and CHLR
Xiaojun Wang	Associate Professor, University of Hawaii at Manoa and CHLR
Cynthia A. Bansak	Professor, St. Lawrence University and CHLR
Sophie Wang	Associate Professor, CHLR
Fanzheng Yang	Associate Professor, CHLR
Ning Jia	Associate Professor, CHLR
Nina Yin	Associate Professor, CHLR
Chen Huang	Assistant Professor, CHLR
Yulong Chen	Assistant Professor, CHLR
Yi Zhang	Assistant Professor, CHLR
Xianfang Xiong	Assistant Professor, CHLR

## **2023 Human Capital Project Student Team**

### **Project Management Committee**

Manager: Yifan Wang

Members: Xiaoyuan Kang (doctoral student), Zhe Wang (doctoral student), Kai Wang,  
Mengyuan Wu

### **Team Members: Graduate Students, CHLR**

Zhuo Chen, Jiamin Gong, Chuhui He, Ying Hu, Tianyuan Jiang, Shihai Lai, Zixuan Li,  
Zhuoran Li, Cong Liu, Pengfei Liu, Yuhao Wang, Xinran Wu, Ao Yang, Yue Yu, Guibin  
Zhang, Yi Zhao

### **Doctoral Students Participating in The Project:**

Xu Wang, Xiaofei Jin, Chunxiao Zhang, Mingyu Ma, Xin Li, Yiting Xu

## **BRIEF INTRODUCTION TO CHINA'S HUMAN CAPITAL PROJECT**

### **1. China's Human Capital: Measurement and Index**

The research project, “China's Human Capital: Measurement and Index Construction,” is conducted by the Center for Human Capital and Labor Research Center (CHLR) and funded by the National Natural Science Foundation of China and the Central University of Finance and Economics (CUFE). The project aims at establishing China's first scientific and systematic human capital measurement metrics and quantitatively describing China's human capital distribution, trend and dynamics. It constructs important measurements for further evaluating human capital and its contribution to economic development and provides policymakers with important information on the nation's human capital development.

The project is part of the international effort to establish comparable national human capital measurement across nations and to eventually incorporate human capital into the National Income and Product Accounts (NIPA) system.

The project is led by Professor Haizheng Li. The research team includes Professor Barbara Fraumeni (a pioneer scholar in developing the Jorgenson-Fraumeni method of human capital calculation), other full-time and special-term professors, graduate students, and administrative staff at the CHLR.

Since the inaugural issue of the China Human Capital Report in 2009, the project has generated great social impact, and it has drawn the attention of academia and governments both at home and abroad.

#### **Funding:**

- The project was initiated in 2009 and has been funded by various priority research funds from the CUFE. The project has been designated as one of the representative research projects at the CUFE.
- The project has continuously been funded by the National Natural Science Foundation over the past ten years.

#### **Team:**

- The project has been conducted in cooperation with universities in the United States, including Georgia Institute of Technology, Ohio State University, and State University of New York at Buffalo.

- The research team includes the two founders of the Jorgenson-Fraumeni income-based approach: late Professor Dale Jorgenson at the Harvard University and Professor Barbara Fraumeni, who also serves as a special-term professor in the Center.
- The team includes all full-time and special-term professors, graduate students, and administrative staff at the CHLR.

### **China Human Capital Report (in both Chinese and English version):**

- The China Human Capital Report series has been released every year since 2009 in an international conference on human capital hosted by the CHLR. Keynote speakers and conference participants have included:
  - The Nobel Laureate late Professor Kenneth J. Arrow, late Professor Dale Jorgenson, the Nobel Laureate Professor James J. Heckman, and scholars from the World Bank, the OECD and many other institutes around the world;
  - Professor Zhenghua Jiang, the Vice Chairman of the National People's Congress, Keng He, the Vice Chairman at the Finance and Economics Committee of the Standing Committee of the National People's Congress, Guoqiang Long, the Vice Director at the Development Research Center of the State Council, Xianchun Xu, the Deputy Director at the National Bureau of Statistics, and many other scholars all around China.

### **Impacts in China:**

- The annual release of the China Human Capital Report has normally been covered in major media in China, such as Guangming Daily, People's Daily Online, Sina Online, and Jiefang Daily, etc.
- The annual China Human Capital Report is regularly submitted to the Ministry of Education and the Department of Organization for policy reference.
- The CHLR has established formal collaboration with several research institutes such as the Beijing Human Research Center of Beijing Municipal Department of Organization.
- The project was noted favorably by Yandong Liu, the then Vice Premier of the State Council (and then State Councilor), during her visit of the university in 2009.

### **Academic impacts:**

- The Human Capital Report has been included in the World Bank Report, "The Changing Wealth of Nations".
- Parts of the China Human Capital Report have been published as working papers of the National Bureau of Economic Research (NBER).
- Parts of the China Human Capital Report have been published as research papers in peer-reviewed journals, including *Journal of Comparative Economics*, *Review of Income and Wealth*, *China Economics Review*, and *Economic Research Journal* (the top Chinese journal in economics).

- The project team has been invited to many domestic and international conferences, including presentation at the plenary session of the Fifth World KLEMS Conference at Harvard University and the keynote address at the Society of Economic Measurement Annual Conference in 2018.

### **Impacts worldwide:**

- The China Human Capital Project is part of the international effort in establishing comparable human capital measurement across nations. The innovative methods used in the project have been increasingly recognized and adapted worldwide.
- Late Professor Dale Jorgenson has included a major reference and citation to the Report in his comment on the China Human Capital measurement project in his review paper published in the *Journal of Economic Literature* (2018).
- The project team has been invited to join the large research project on human capital sponsored by the European Union, LLLight'in'Europe FP7 (SSH-2011-2).
- The CHLR has been invited by the International Association for Research in Income and Wealth (IARIW) to jointly host the 2021 special conference on human capital.

## **2. International Symposium on Human Capital and Labor Markets**

In the release of the China Human Capital Report, the CHLR holds an annual international conference on human capital. The conference receives over a hundred submissions each year, and it has become an influential conference in the area of human capital research.

## **3. Human Capital Database**

The human capital measurements produced by this project have been widely used in research and policy analysis. The database on China human capital measures and all processed data and raw data, mostly longitudinal, are freely available to the public at:

<http://humancapital.cufe.edu.cn/>

## **4. Educational Impact**

Hundreds of master's students, doctoral students, and post-doctoral fellows have participated in the China human capital project. They receive valuable training in research and complete their degree requirements in the project.

## 中国人力资本指数项目简介

### 1. 中国人力资本度量研究项目

人力资本与劳动经济研究中心（以下简称“中心”）的“中国人力资本的度量及人力资本指标体系的构建”项目得到国家自然科学基金委员会及中央财经大学的专项资助。该项目旨在建立中国第一套科学、系统的人力资本指数，定量描述中国人力资本的分布及发展动态；为更深入地研究人力资本在中国经济发展中的作用提供综合的度量指标；为政府的相关经济社会决策提供定量依据；同时也为中国的人力资本度量方法和指标成为国际人力资本指标体系的一部分、为人力资本作为国民账户的一部分纳入到我国国民财富的衡量体系提供前期工作。该项目由李海峥教授主持，人力资本收入算法（Jorgenson-Fraumeni 方法）创始人之一的 Barbara Fraumeni 教授直接参与项目，中心全职教授和特聘教授，以及全体博士、硕士研究生及行政人员共同参与。

经过十余年连续努力，中心建立了中国第一套科学的、国际化的、连续更新的人力资本度量体系。《中国人力资本报告》自 2009 年公开发布以来，受到了国际、国内学术界及政府部门的高度重视，引起了广泛的、良好的社会反响。

#### 项目资助

- 人力资本项目于 2009 年立项，是中央财经大学标志性成果之一，中央财经大学一流学科建设重点支持项目。
- 连续十年获得国家自然科学基金资助。

#### 项目团队

- 人力资本度量项目与美国乔治亚理工大学、俄亥俄州立大学、纽约州立大学等高校建立了长期合作。
- 人力资本度量 J-F 方法创始人已故哈佛大学著名教授 Dale Jorgenson 作为顾问，另一位创始人 Barbara Fraumeni 作为中心特聘教授每年亲自参与项目。
- 中心全体特聘教授、全职教师、博士生、硕士生及行政人员共同参与项目工作。

#### 《中国人力资本报告》（中英文版）

- 中心连续 15 年每年发布《中国人力资本报告》（中英文版）。发布会参会人员包括：



- 诺贝尔奖得主阿罗教授（已故）、哈佛大学 Dale Jorgenson 教授（已故），诺贝尔奖得主、芝加哥大学 James Heckman 教授，世界银行和 OECD 官员及国外学者；
- 全国人大常委会副委员长蒋正华、全国人大财经委员会副主任贺铿、国务院发展研究中心副主任隆国强、国家统计局副局长许宪春及众多国内学者。

#### 项目国内影响

- 每年《中国人力资本报告》发布，国内主要媒体包括光明日报、人民网、新浪网等均集中报道，解放日报曾整版报道中国人力资本报告。
- 《中国人力资本报告》每年递交教育部作为参考材料，也是中组部第二次全国人才工作会议的参考材料，并收录于《北京人才发展报告》等。
- 中心与北京市组织部人力资源研究中心等成为合作共建单位。
- 2009 年刘延东同志来中央财经大学参观，肯定了人力资本研究工作。

#### 项目学术影响

- 《中国人力资本报告》的内容收录于世界银行官方报告《国家财富的改变》。
- 《中国人力资本报告》的内容收录于美国国家经济研究局工作论文（NBER）。
- 《中国人力资本报告》的内容发表在国际国内高端期刊 *Journal of Comparative Economics*, *Review of Income and Wealth*, *China Economic Review* 及《经济研究》等。
- 项目团队应邀参加了多次国际和国内学术会议，并在哈佛大学国际会议作大会发言，在国际度量学会 2018 年会作大会主旨发言。

#### 项目国际影响

- 参与国际标准制定：中心在人力资本度量方面的研究和探索已经达到国际前沿水平。我们的度量方法、特别是我们对国际方法的创新改进已经被国际社会接收并被越来越多使用，正成为国际标准的一部分。
- 已故哈佛大学教授 Dale W. Jorgenson 发表在国际权威期刊 *Journal of Economic Literature*（2018）综合回顾文章专门有一整段文字对中心人力资本度量研究给予评价。
- 中心应邀参加欧盟大型人力资本项目。
- 国际收入与财富研究学会邀请中心共同举办 2021 人力资本国际年会。

## **2. 人力资本国际研讨会**

以人力资本报告发布为契机，中心每年举行人力资本国际研讨会。该年会已经成为国际人力资本领域具影响力的国际会议，每年收到会议英文投稿百余篇。

## **3. 人力资本数据库**

中国人力资本报告系列及历年的计算结果、中间数据、以及原始数据已经被广泛应用，形成以面板数据为主的中国人力资本数据库。相关资料及数据可以在人力资本中心官方网站下载，免费供社会各界使用（<http://humancapital.cufe.edu.cn/>）。

## **4. 人才培养**

大量的硕、博士研究生及博士后参与了人力资本项目。

## **CENTER FOR HUMAN CAPITAL AND LABOR MARKET RESEARCH**

Established in March 2008, the Center for Human Capital and Labor Market Research (CHLR) at the Central University of Finance and Economics (CUFE) is part of a Special Platform for Advance Programs at the CUFE. It is an international research center for the study of human resources, labor markets, and their impact, focusing on China and related economies.

Nobel Laureate James J. Heckman, and late Professor Dale W. Jorgenson of the University and the founder of the income-based method for measuring human capital, served on the Advisory Board.

All faculty and research fellows of the CHLR hold a Ph.D. degree in economics from major universities in North America and Europe, and all visiting professors are tenured professors from major U.S. universities. Currently, the Center has 8 full-time faculty members, 5 special-term professors, and 5 senior research fellows. Among the full-time faculty, there are 4 Associate Professors and 4 Assistant Professors.

The major research areas in the Center include but are not limited to human capital investment; its measurement and impact; education, health; innovation, entrepreneurship; and labor market outcomes and labor-related government policy.

The CHLR has master's, doctoral and post-doctoral programs. The Center's graduate programs are internationally oriented. The curriculum and instruction are rigorously designed following research universities in North America. All courses are taught in English.

## 中央财经大学

### 人力资本与劳动经济研究中心简介

人力资本与劳动经济研究中心（CHLR）（以下简称“中心”）隶属于中央财经大学“经济学与公共政策优势学科创新平台”，成立于 2008 年 3 月，是一个以研究中国人力资本、劳动力市场及其与经济发展关系为主要研究方向的院级国际化研究中心；中心招收博士后、博士和硕士研究生。中心顾问由该领域的国际著名教授担任，其中包括诺贝尔经济学奖得主 James Heckman 教授，以及人力资本计算方法——终身收入法创始人之一，已故哈佛大学的 Dale W. Jorgenson 教授。

中心的教学科研成员全部为北美知名高校的终身教授或者拥有北美或欧洲知名高校经济学博士学位的海归学者。中心有全职教师 8 人，特聘教授 5 人及特聘研究员 5 人。全职教师队伍中，副教授 4 人，助理教授 4 人。

中心以科研为主导，强调国际化的前沿学术研究。主要研究方向为：1）人力资本的形成、度量及作用，2）教育、健康与人力资本，3）人力资本与创新及创业，4）劳动力市场与政策，5）人口与社会保障，6）产业组织。

中心拥有科学完备的博士及硕士研究生培养方案，其课程体系和课程设置与美国研究类高校一致，采用全英文授课及国际化人才培养方式。截至 2023 年 9 月，中心已毕业博士后 1 人，博士生 11 人，硕士生 157 人。目前在校生 53 人，其中全日制硕士生 45 人，全日制博士生 8 人。

## **JINAN HUMAN CAPITAL INDUSTRY RESEARCH INSTITUTE**

Jinan Human Capital Industry Research Institute is committed to exploring the application of human capital, adheres to the integrated development of talents, capital and projects, builds a "people-oriented" human capital industry ecology, and promotes the development of the human-capital-related industry with Chinese characteristics.

Talent Price (Shandong) Co., Ltd is responsible for the marketing and commercialization of scientific and research findings of the institute. With support from national, provincial, municipal, and district governments, China's first human capital industrial park has been built in Jinan and the first human capital evaluation platform has been launched. These jointly make "human-capital-related services" listed in the "The Catalogue of National Industrial Structure Adjustment (2019)". The institute's human capital research contributes to the innovation of financial models, and these innovated models are included as pilot projects initiated by six national ministries and commissions. The personal loan project is listed as the People's Bank of China regulatory sandbox project.

Based on talent evaluation and pricing, the institute focuses on integrating human capital research with the innovation of financial models. Using the evaluation and pricing system based on the "four CAIs" jointly built with the Central University of Finance and Economics and Center for Human Capital and Labor Market Research, the institute has completed more than 200,000 evaluations and issued more than 30,000 credits. The related financing reached 1.11 billion yuan. The institute has signed contracts with 18 financial institutions such as Shanghai Pudong Development Bank, Hengfeng Bank, Taishan Insurance, etc., and credit 180 billion Yuan.

## 济南人力资本产业研究院

### 人才有价（山东）有限公司

济南人力资本产业研究院致力于人力资本产业应用研究，坚持人才、资本和项目融合发展，构建“以人为本”的人力资本产业生态，推动发展中国特色人力资本产业。

人才有价（山东）有限公司作为研究院的成果转化机构和市场推广机构。目前，在国家、省、市、区的各类政策支持下，建设全国首个人力资本产业园，上线首个人才有价评估平台，共同推动“人力资本服务业”列入国家《产业结构调整指导目录（2019 年本）》、人力资本金融创新模式列入国家六部委科技金融试点项目、人才身价贷成功申报中国人民银行监管沙箱项目等一系列发展成果。

研究院以人才评估定价为基础，以人力资本产业金融创新模式为重点，利用与央财等团队共建的以“四 CAI”为基础的评估定价系统，截止目前已为 20 多万人才评估评测、提供 3 万多笔授信，实现人力资本投融资规模达 11.1 亿元，与浦发银行、恒丰银行、泰山保险等 18 家金融、类金融机构签约，综合授信 1800 亿元。

## LIST OF PAST SYMPOSIUMS ON HUMAN CAPITAL AND LABOR MARKETS

### **2009--The First International Symposium on Human Capital and Labor Markets**

#### *About the Symposium*

The First International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2009, organized by the CHLR was held in CUFU on October 10, 2009. The China Human Capital Report 2009 establishes China's first systematic and comprehensive human capital measurement and human capital index for the 1985-2007 period, such as total stock of human capital, human capital per capita for urban and rural separately by gender. The report further forecasts China's human capital stock for the 2008-2020 period. The symposium also included parallel sessions that covered issues in human capital measurement, construction of the human capital index, and the contributions of human capital to economic growth and welfare.

#### *Participants*

Nobel Laureate Kenneth Arrow (*pioneer scholar in the study of human capital and economic growth, Stanford University*), Professor Dale Jorgenson, (*co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital, Harvard University*), and Ken He (*Deputy Director, Finance Committee of the Standing Committee of the National People's Congress*) delivered keynote speeches. Professor Guangqian Wang (*President of the Central University of Finance and Economics*), Donggang Zhang (*Deputy Director of the Social Science Division, Ministry of Education*) and Xianchun Xu (*Deputy Commissioner, National Statistics Bureau*) attended the conference. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*). Over 800 domestic and foreign scholars including Barbara M. Fraumeni (*Professor, University of Southern Maine, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*), national and international government officials, and university students attended the symposium.

### **2010--The Second International Symposium on Human Capital and Labor Markets**

#### *About the Symposium*

The Second International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2010, organized by the CHLR was held in CUFU on October 15, 2010. Human capital estimation at the national level was updated, and human capital estimation was extended to the provincial level for Beijing, Liaoning, Jiangsu, Guangdong, and Gansu for 1985-2009.

#### *Participants*

Barbara Fraumeni (*Professor, University of Southern Maine, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*) chaired the plenary session. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*). Ardo Hansson (*Chief Economist, World Bank China Office*), Danling Zhao (*Official of Ministry of Education*), Yuetian Li (*Deputy Director-General of Ministry of Human Resources and Social Security*), and Guoqiang Long (*Director-General, Research Department of Foreign Economic Relations, the State Council Research and Development Center*) presented their comments about the report. Officials from the Ministry of Education, National

Development and Reform Commission, the National Bureau of Statistics, the Department of Organization of Beijing, and the Development and Reform Commission of Shanghai also attended the symposium.

## **2011--The Third International Symposium on Human Capital and Labor Markets**

### *About the Symposium*

The Third International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2011, organized by the CHLR was held in CUFU on October 28, 2011. Human capital calculation at the national level was extended to 1985-2009. Revisions and improvements in the 2011 Report include: updating the human capital calculations to address the missing data problem at the provincial level, utilizing the micro survey data, and extending the province-level human capital estimation to 12 provinces (Beijing, Shanghai, Gansu, Guangdong, Jiangsu, Liaoning, Anhui, Shandong, Guizhou, Hubei, Hunan, and Henan). In addition, the report also discusses the patterns and dynamic trends in human capital across provinces.

### *Participants*

Barbara Fraumeni (*Professor, University of Southern Maine, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*) chaired the plenary session. Philip O'Keefe (*Lead Economist, World Bank*), Fengyun Lei (*Deputy Director, State Administration of Foreign Experts Affairs*), Yijun Li (*Deputy Director, Division of Management Science, National Natural Science Foundation of China*), and Junsheng Li (*Vice President of the Central University of Finance and Economics*) attended the symposium and gave welcome remarks. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*). Desheng Lai (*Dean, Beijing Normal University*), Yang Du (*Fellow, Institute of Labor and Population Economics, Chinese Academy of Social Sciences*), Zhaoming Gui (*Professor, Wuhan Institute of Technology*), Barbara Fraumeni (*Professor, University of Southern Maine, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*), Philip O'Keefe (*Lead Economist, World Bank*), Ake Blomqvist (*Professor, University of Western Ontario*), and Peer Ederer (*Professor, Zeppelin University*) presented their comments about the report.

## **2012--The Fourth International Symposium on Human Capital and Labor Markets**

### *About the symposium*

The Fourth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2012, organized by the CHLR was held in CUFU on December 14, 2012. Human capital calculations were updated at the national level and for 17 provinces. Revisions and improvements in the 2012 Report include: updating provincial statistics in the human capital calculation, and extending the province-level human capital estimation to another 5 provinces (Tianjin, Heilongjiang, Zhejiang, Guangxi and Shaanxi) for 1985-2009. In addition, the human capital data were released at the Center's website for public use.

### *Participants*

Barbara Fraumeni (*Professor, University of Southern Maine, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*) chaired the plenary session. Lifan Zhao (*Vice President of the Central University of Finance and Economics*) attended the conference and gave welcome remarks. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*). Weiping Li (*Chief research fellow from the Chinese Academy of Personnel Science*), Dennis Tao Yang (*Professor, University of*



Virginia), and Yansui Yang (*Professor, Tsinghua University*) presented their comments about the report. Rachel Connelly (*Bowdoin College*), Zhenhui Xu (*Georgia University and College*), and Dennis Tao Yang (*Professor, University of Virginia*) chaired the three parallel sessions that covered broad issues in human capital and labor market.

## **2013--The Fifth International Symposium on Human Capital and Labor Markets**

### *About the symposium*

The Fifth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2013, organized by the CHLR was held in CUF on December 15, 2013. Human capital calculations were updated to 1985-2010 at the national level and for 22 provinces using the newly-released 2010 Census data. Revisions and improvements in the 2013 Report include: extending the province-level human capital estimation to another 5 provinces (Hainan, Jiangxi, Jilin, Sichuan, and Chongqing) for 1985-2010, and estimating the physical capital stock and living cost indices at both national and provincial levels for 1985-2010.

### *Participants*

Barbara Fraumeni (*Professor, University of Southern Maine, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*) chaired the plenary session. Zhenghua Jiang (*former Vice Chairman of the National People's Congress*), and Mark R. Rosenzweig (*Frank Altschul Professor of Economics, Yale University*) presented keynote speeches. Professor Guangqian Wang (*President of the Central University of Finance and Economics*) attended the conference and gave welcome remarks. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*). Vincent Perrin (*OECD Beijing Representative*), Belton M. Fleisher (*Editor of China Economic Review & Ohio State University & CHLR*), Junsheng Li (*Vice President of the Central University of Finance and Economics*), and Lifan Zhao (*Vice President of the Central University of Finance and Economics*) also attended the symposium.

41 papers were accepted for presentation in 10 parallel sessions that covered broad issues in human capital and labor markets.

## **2014--The Sixth International Symposium on Human Capital and Labor Markets**

### *About the symposium*

The Sixth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2014, organized by the CHLR was held in CUF on October 31, 2014. Human capital calculations for all provinces, autonomous regions, municipalities and special administrative regions (excluding Macao) were constructed for 1985-2010. Revisions and improvements in the 2014 Report include: extending the province-level human capital estimation to another 9 provinces (Shanxi, Qinghai, Inner Mongolia, Xinjiang, Tibet, Yunnan, Fujian, Hebei, Ningxia, Hong Kong and Taiwan) for 1985-2010, re-estimating the human capital indices for Hainan, and estimating the physical capital stock and living cost indices at both national and provincial levels for 1985-2010.

### *Participants*

Jeffrey S. Zax (*Professor, University of Colorado at Boulder*) chaired the plenary session. Junsheng Li (*Vice President of the Central University of Finance and Economics*) attended the conference and gave welcome remarks. Belton M. Fleisher (*Professor, Ohio State University & Special-term Professor, CHLR & Editor, China Economic Review*) delivered a keynote speech on "Remarks in Memory of Gary S. Becker". The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), Barbara Fraumeni (*Professor,*

*University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital), and Carsten A. Holz (Professor, Hong Kong University of Science and Technology & CHLR). Shujie Han (Editorial Director, Journal of Human Resource Development of China), Martina Lubyova (Director, Institute for Forecasting, Slovak Academy of Sciences), Peter F. Orazem (Professor, Iowa State University), and Jeffrey S. Zax (Professor, University of Colorado at Boulder) presented their comments about the report.*

We received 77 submissions, among which 32 papers were accepted for presentation in the parallel sessions.

## **2015--The Seventh International Symposium on Human Capital and Labor Markets**

### *About the symposium*

The Seventh International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2015, organized by the CHLR was held in CUFU on December 12, 2015. Human capital calculation for all provinces, autonomous regions, municipalities and special administrative regions (excluding Macao) was extended to 1985-2012. Revisions and improvements in the 2015 Report include: unifying and updating the data sources for measuring the admission sizes at different education levels by regions and gender for 1985-2012, adding the 2011 China Family Panel Studies data to the estimation of Mincer parameters, imputing the average ages of the labor force, average education levels, and the proportion of population with at least high-school degree. The news of establishing China CPS (Complex Problem Solving) Test Lab was also released.

### *Participants*

Belton M. Fleisher (*Professor, Ohio State University & Special-term Professor, CHLR & Editor, China Economic Review*) chaired the plenary session. Jianping Shi (*Vice President of the Central University of Finance and Economics*) and Jianfeng Peng (*Professor, Renmin University & Chairman, China Stone*) attended the conference and gave welcome remarks. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), Barbara Fraumeni (*Professor, University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*), and Carsten A Holz (*Professor, Hong Kong University of Science and Technology & CHLR*). Gary Jefferson (*Professor, Brandeis University*), Scott D. Rozelle (*Professor, Stanford University*), Shi Li (*Professor, Beijing Normal University*), and Tao Xin (*Professor, Beijing Normal University*) presented their comments about the report. Phil. Samuel Greiff (*Associate Professor, University of Luxembourg*), Kevin Murphy (*Professor, Colorado State University*), and Peer Ederer (*Professor, Zeppelin University*) participated in the discussion on the establishment of the CPS (Complex Problem Solving) Test Lab.

We received 98 submissions, among which 40 papers were accepted for presentation in 10 parallel sessions that covered issues in education, income, health, poverty and behavior, labor market, employment, immigration, human capital, children and complex skills.

## **2016--The Eighth International Symposium on Human Capital and Labor Markets**

### *About the symposium*

The Eighth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2016, organized by the CHLR was held in CUFU on December 10, 2016. Human capital calculation for all provinces, autonomous regions, municipalities and special administrative regions (excluding Macao) was extended to 1985-2014. Revisions and improvements in the 2016 Report include: extending the data sources for measuring the admission sizes at different education levels by regions and gender to 1985-2014,

unifying the population estimation method at the national and province levels and re-calculating national human capital, and updating the physical stock at both national and provincial levels to 1985-2014.

#### *Participants*

Belton M. Fleisher (*Professor, Ohio State University & Special-term Professor, CHLR & Editor, China Economic Review*) chaired the plenary session. Jianping Shi (*Vice President of the Central University of Finance and Economics*) attended the conference and gave welcome remarks. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), Barbara Fraumeni (*Professor, University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*), and Carsten A. Holz (*Professor, Hong Kong University of Science and Technology & CHLR*). Min Tang (*Ph.D., State Department Counselor & Vice President of YouCheng China Social Entrepreneur Foundation*), and Boqing Wang (*Ph.D., Founder & Chair of MyCOS (China Occupational Skills)*) presented their comments about the report.

We received 122 submissions, among which 60 papers were accepted for presentation in 14 parallel sessions.

### **2017--The Ninth International Symposium on Human Capital and Labor Markets**

#### *About the symposium*

The Ninth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2017, organized by the CHLR was held in CUFU on December 9, 2017. Human capital calculation for all provinces, autonomous regions, municipalities and special administrative regions (excluding Macao) was extended to 1985-2015. Revisions and improvements in the 2017 Report include: updating the province-level population data for 2015 using the newly-released 1% Population Sampling Survey Data, adding the 2013 and 2014 Chinese Household Income Project (CHIP) data to the estimation of Mincer parameters, refining the method in imputing the coefficients of the experience variable in the Mincer equation, and improving the population estimation method for 1982 and 1987.

#### *Participants*

Belton M. Fleisher (*Professor, Ohio State University & Special-term Professor, CHLR & Editor, China Economic Review*) chaired the plenary session. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), Barbara Fraumeni (*Professor, University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*), and Carsten A Holz (*Professor, Hong Kong University of Science and Technology & CHLR*). Junjie Hong (*Dean, Professor, and Ph.D. advisor of School of International Economic and Trade in University of International Business and Economics*), and Weiguo Yang (*Dean, Professor and PhD advisor of School of Labor and Human Resources, Renmin University of China*) presented their comments about the report.

We received 116 submissions, among which 37 papers were accepted for presentation in 9 parallel sessions that covered issues in employment, education, labor market, cognition, health, income, and human capital.

### **2018--The Tenth International Symposium on Human Capital and Labor Markets**

#### *About the symposium*

The Tenth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2018, organized by the CHLR was held in CUFU on December 9, 2018. Human capital calculation for all provinces, autonomous regions,

municipalities and special administrative regions (excluding Macao) was extended to 1985-2016. Revisions and improvements in the 2017 Report include: updating the 1% Population Sampling Survey Data for 20 provinces, adding adult education to the imputation of the admission sizes, adding the 2016 China Family Panel Studies (CFPS) data to the estimation of Mincer parameters, improving the sample selection method of the China Health and Nutrition Survey (CHNS) data, refining the data and calculation method for national employment rates in 2015, and updating the employment rates for Taiwan from 1985 to 2016.

#### *Participants*

Belton M. Fleisher (*Professor Emeritus, Ohio State University & Special-term Professor, CHLR & Editor, China Economic Review*) chaired the plenary session. Jianping Shi (*Vice President of the Central University of Finance and Economics*) attended the conference and gave welcome remarks. Dale Jorgenson (*Professor Emeritus, Harvard University, one of the founders of Jorgenson- Fraumeni method of human capital calculation*) released a video speech reviewing his first attendance to the conference and sent sincere wishes to the human capital project. Benjamin F. Jones (*Gordon and Llura Gund Family Professor of Entrepreneurship, Professor of Strategy, and the faculty director of the Kellogg Innovation and Entrepreneurship Initiative*) delivered a keynote speech. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), and Barbara Fraumeni (*Professor Emerita, University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*). Gordon Liu (*Ph.D., MOH Yangtze River Scholar in Economics, PKU BOYA Professor*), and Zhuo (Adam) Chen (*Associate Professor, University of Georgia; Li Dak Sum Chair Professor in Health Economics and Co-Director, Centre for Health Economics, University of Nottingham Ningbo China*) presented their comments about the report. Guoqiang Long (*Deputy director of the Development Research Center of the State Council*), and Andrew Sharpe (*Executive director of the International Income and Wealth Research Association*) also attended the symposium.

We received 145 submissions, among which 52 papers were accepted for presentation in 13 parallel sessions that covered issues in health, education, cognitive skills, measurement of human capital, income, employment, productivity, migration and aging and household behavior.

### **2019--The Eleventh International Symposium on Human Capital and Labor Markets**

#### *About the symposium*

The Eleventh International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2019, organized by the CHLR was held in CUFU on December 13-14, 2019. Human capital calculations for all provinces, autonomous regions, municipalities and special administrative regions (excluding Macao) were extended to 1985-2017. Revisions and improvements in the 2017 Report include: imputing the human capital indices for students, adding the 2014 China Labor-force Dynamic Survey (CLDS) data, the 2015 China Health and Nutrition Survey (CHNS) data, and the 2016 China Family Panel Studies (CFPS) data to the estimation of Mincer parameters, updating the 1% Population Sampling Survey Data for 11 provinces, adding secondary professional education and adult secondary professional education to the imputation of the admission sizes, and revising the calculation of the admission sizes for 3 different age groups rather than for 6 age groups. During the conference, the CHLR signed the cooperation contract with Jinan Human Capital Industry Research Institute in collaborating the research on human capital pricing.

#### *Participants*

Belton M. Fleisher (*Professor Emeritus, Ohio State University & Special-term Professor, CHLR & Editor, China Economic Review*) chaired the plenary session. Jianping Shi (*vice*

*president of the Central University of Finance and Economics*) and Weiguo Wang (*Deputy Director of the Management Committee of Jinan High-tech Zone*) attended the conference and gave welcome remarks. Ludger Wößmann (*Professor of Economics at the University of Munich and Director of the ifo Center for the Economics of Education at the ifo Institute*) delivered a keynote speech. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), and Barbara Fraumeni (*Professor Emerita, University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*). Yaojiang Shi (*Professor and Director, Center for Experimental Economics in Education, Shaanxi Normal University*) presented his comments about the human capital report.

We received 95 submissions, among which 38 papers were accepted for presentation in 8 parallel sessions that covered issues in health, education, cognitive skills, income, migration, and measurement of human capital.

#### *Media Coverages*

The China Human Capital Report 2019 has received extensive media coverages and has been reported by approximately 20 all major domestic media. Moreover, part of the report has been included in the CCP official study platform “Study for the Country”.

### **2020--The Twelfth International Symposium on Human Capital and Labor Markets**

#### *About the symposium*

The Twelfth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2020, organized by the CHLR was held in CUF on December 5, 2020. Human capital calculations for all provinces, autonomous regions, municipalities and special administrative regions (excluding Macao) were extended to 1985-2018. Revisions and improvements in the 2017 Report include: refining human capital calculation methods for all provinces, especially for Hong Kong and Taiwan, and updating the physical capital calculation for all provinces.

#### *Participants*

Belton M. Fleisher (*Professor Emeritus, Ohio State University & Special-term Professor, CHLR & Editor, China Economic Review*) chaired the plenary session, and Jianping Shi (*Vice President of the Central University of Finance and Economics*) attended the conference and gave welcome remarks. Nobel Laureate James Heckman (*Professor, University of Chicago*) and Ludger Wößmann (*Professor, University of Munich*) delivered keynote speeches. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), and Barbara Fraumeni (*Professor Emerita, University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*). Jong-Wha Lee (*Professor, Korea University*) and Yongmiao Hong (*Professor, Cornell University*) presented their comments about the report.

We received 69 submissions, among which 38 papers were accepted for presentation in 9 parallel sessions that covered issues in health, education, cognitive skills, income, migration, and measurement of human capital.

#### *Media Coverages*

The China Human Capital Report 2020 has received extensive media coverages by the major domestic media including Sohu, ScienceNet, CFI.cn, cnr.cn, Workers' Daily, Tecent.com, Sina Education, China News Service, People's Daily, Guangming Daily, Voice of China, china.com.cn, China Economic Network, xhby.net, chinadevelopment, China Youth Daily,

Xinhua, NetEase News, etc., and the related discussions have been viewed 17 million times one week following the release of the Report and appeared on the Trending news in China (*Reshou*).

## **2021--The Thirteenth International Symposium on Human Capital and Labor Markets**

### *About the symposium*

The Thirteenth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2021, organized by the CHLR was held in CUFU on December 11, 2021. Human capital calculations for all provinces, autonomous regions, municipalities and special administrative regions (excluding Macao) were extended to 1985-2019. Revisions and improvements in the 2021 Report include: modifying the age imputation to be consistent with human capital calculation; adopting different human capital calculations between the fresh graduates and the rest; updating the human capital calculations for all provinces especially for the areas of Hong Kong and Taiwan; and finally extended the physical capital at the national and provincial levels to 2017.

### *Participants*

Cynthia A. Bansak (*Professor, St. Lawrence University & Special-term Professor, CHLR*) chaired the plenary session, and Jianping Shi (*Vice President of the Central University of Finance and Economics*) attended the conference and gave welcome remarks. Eric Hanushek (*Paul and Jean Hanna Senior Fellow, Stanford University*) delivered a keynote speech. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), and Barbara Fraumeni (*Professor Emerita, University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*). Steven Lehrer (*Professor, Queen's University*) and Fangwen Lu (*Professor, Renmin University*) presented their comments about the report.

We received 71 submissions, among which 37 papers were accepted for presentation in 9 parallel sessions that covered issues in health, education, childcare, skill and wage, labor market policies, rural revitalization, and measurement of human capital.

### *Media Coverages*

The China Human Capital Report 2021 has received extensive media coverages by the major domestic media including Guangming Daily, China Business Network, Workers' Daily, Sina Education, Sina, Sohu, Sohu News, The Beijing News, China Education Daily, China.com, Beijing Daily, NetEase, Tencent.com, Economic Information Daily, Southern Metropolis Daily, FORTUNEChina, 199IT, Jinan Daily, etc.

## **2022--The Fourteenth International Symposium on Human Capital and Labor Markets**

### *About the symposium*

The Fourteenth International Symposium on Human Capital and Labor Markets celebrating release of the China Human Capital Report 2022, organized by the CHLR was held in CUFU on December 17, 2022. Human capital calculations for all provinces, autonomous regions, municipalities and special administrative regions (excluding Macao) were extended to 1985-2020. Revisions and improvements in the 2022 Report include: comparing the results of the population imputation with the newly released data from the 7<sup>th</sup> Census for accuracy; adopting different human capital calculations between the fresh graduates and the rest; updating the CHFS2018 database; calculating employment rate data for 2016-2020; and updating physical capital data to 2017.

### *Participants*

Cynthia A. Bansak (*Professor, St. Lawrence University & Special-term Professor, CHLR*) chaired the plenary session, and Haitao Ma (*Vice President of the Central University of Finance and Economics*) attended the conference and gave welcome remarks. David Autor (*Ford Professor of Economics, MIT*) delivered a keynote speech. The new human capital report was presented by Haizheng Li (*Professor, Georgia Institute of Technology*), and Barbara Fraumeni (*Professor Emerita, University of Southern Maine & CHLR, co-founder of the Jorgenson-Fraumeni income-based method for measuring human capital*). Yang Du (*Professor and Deputy Director of Institute of Population and Labor Economics, Chinese Academy of Social Sciences*) presented his comments about the report.

We received 97 submissions, among which 49 papers were accepted for presentation in 11 parallel sessions that covered issues in health, education, childcare, skill and wage, labor market policies, rural revitalization, and measurement of human capital.

#### *Media Coverages*

The China Human Capital Report 2022 has received extensive media coverages by the major domestic media including China Education News Web, China Business Network, The Beijing News, Beijing Daily, Sohu News, Southern Metropolis Daily, News China, Sanlian Lifeweek, New Weekly, Sina, Workers' Daily, etc.

## 历年人力资本发布会议回顾

### 一、第一届人力资本研讨会

#### 1. 会议内容

2009年10月10日，中央财经大学人力资本与劳动经济研究中心举办了主题为“人力资本的度量及其对增长和福利的贡献”国际研讨会，首次发布中国国家层面人力资本指数及《中国人力资本报告 2009》（中英文版）。项目负责人李海峥教授详细阐述了中国人力资本度量方法与相应的计算结果，以及中国人力资本度量项目的未来发展方向。

本项目探索性地建立了中国人力资本的综合度量体系，其阶段性成果包括：1985-2007年中国分城乡、分性别的名义与实际人力资本存量，相应人均人力资本与各种人力资本指数；人力资本分布状况和变化趋势；对2008-2020年中国人力资本水平的预测。

本次会议还组织了学术分会，分会主题包括人力资本度量方法、中国人力资本指数的构建、以及人力资本对经济增长和福利的贡献等。

#### 2. 出席嘉宾

诺贝尔经济学奖获得者肯尼斯·阿罗(Kenneth Arrow)教授、人力资本计算方法创始人哈佛大学的戴尔·乔根森(Dale Jorgenson)教授、全国人大财经委员会副主任贺铿教授分别作大会主题发言。中央财经大学校长王广谦教授，教育部社科司副司长张东刚，国家统计局副局长许宪春，人力资源和社会保障部、中国高级公务员培训中心主任贾忠杰出席会议。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥作中国人力资本报告。来自海内外的专家学者、政府及国际组织官员、高校学生等约八百多人参加了本次会议。

### 二、第二届人力资本研讨会

#### 1. 会议内容

2010年10月15日，中央财经大学人力资本与劳动经济研究中心举办了“第二届中国人力资本指数发布暨人力资本研讨会”，本次会议发布了《中国人力资本报告 2010》，内容包括：更新后的中国国家层面人力资本计算结果，并首次将中国人力资本的计算深入到省级层面，计算1985-2009年北京、甘肃、广东、江苏、辽宁五个省（市）的人力资本存量与指数。

#### 2. 出席嘉宾

人力资本终生收入法的创始人之一 Barbara Fraumeni 教授主持发布会。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥作中国人力资本报告。世界银行驻华首席经济学家 Ardo Hansson 博士、教育部人事司副巡视员赵丹玲、人力资源和社会保障部政策研究司副司长李月田、国务院发展研究中心对外经济研究部部长隆国强、Barbara Fraumeni 教授等应邀对人力资本报告进行点评。此外，教育部、国家发改



委、国务院发展研究中心、人力资源和社会保障部、财政部、科技部、国家统计局、北京市组织部、上海市发改委的领导及众多国内外专家学者也出席了本次会议。

### 三、第三届人力资本研讨会

#### 1. 会议内容

2011 年 10 月 28 日，中央财经大学人力资本与劳动经济研究中心组织召开了“第三届人力资本国际研讨会暨 2011 年中国人力资本报告发布会”，发布 2011 年中国人力资本指数和报告。与前两年的人力资本报告相比，《中国人力资本报告 2011》大幅度改进了计算方法以弥补省级数据的缺失，同时增加了微观调查数据，更新了 1985-2009 年国家层面人力资本指数并将省级层面估算扩展到 12 个省份：包括北京、甘肃、广东、江苏、辽宁、上海、安徽、山东、贵州、湖北、湖南和河南，并对各省人力资本分布和动态发展情况做出分析。

#### 2. 出席嘉宾

人力资本终生收入法的创始人之一 Barbara Fraumeni 教授主持发布会。世界银行驻华主任经济学家 Philip O'Keefe 博士、国家外国专家局科教文卫司雷风云副司长、国家自然科学基金委员会管理科学部李一军主任、中央财经大学副校长李俊生教授出席发布会并致欢迎词。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥作中国人力资本报告。北京师范大学经济与工商管理学院院长赖德胜教授、中国社会科学院人口与劳动经济研究所都阳教授、武汉工程大学管理学院桂昭明教授、Barbara Fraumeni 教授、Philip O'Keefe 博士、资深健康经济学家 Ake Blomqvist 教授、欧洲人力资本项目负责人 Peer Ederer 教授应邀作为点评专家，围绕本年度人力资本报告进行了深入讨论。

### 四、第四届人力资本研讨会

#### 1. 会议内容

2012 年 12 月 14 日，中央财经大学人力资本与劳动经济研究中心举行“第四届人力资本国际研讨会暨 2012 年中国人力资本报告发布会”，发布《中国人力资本报告 2012》。与 2011 年中国人力资本报告相比，2012 年中国人力资本报告使用了更新后的省级宏观数据，增加了天津、黑龙江、浙江、广西壮族自治区和陕西 5 个省（自治区、直辖市）1985-2009 年的省级层面人力资本的估算，完成了国家层面及 17 个省市的人力资本计算结果的更新，建立相应的人力资本综合度量体系及相应的面板数据。根据人力资本的计算结果，报告还初步分析了影响人力资本增长的因素、人力资本与退休年龄的关系、以及人力资本对经济增长的贡献等问题。同时，人力资本的各项度量指标数据开始通过中心的网站对外发布，促进学术资源的共享。

#### 2. 出席嘉宾

人力资本终生收入法的创始人之一 Barbara Fraumeni 教授主持发布会。中央财经大学副校长赵丽芬教授出席会议并致辞。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥作中国人力资本报告。美国加州州立大学长滩分校经济学侯维忠教授、人力资源和社会保障部人事科学院首席专家李维平教授、弗吉尼亚大学达顿商学院杨涛教授、清华大学公共管理学院杨燕绥教授就人力资本报告 2012 进行深入点评。此外，会议举办了三场平行学术分会，鲍登学院 Rachel Connelly 教授、佐治亚学院和州立大学徐振挥教授、弗吉尼亚大学达顿商学院 Dennis Yang 教授分别主持了学术分会。

## 五、第五届人力资本研讨会

### 1. 会议内容

2013 年 12 月 15 日，中央财经大学人力资本与劳动经济研究中心举行“第五届人力资本国际研讨会暨 2013 年中国人力资本报告发布会”，发布《中国人力资本报告 2013》。与 2012 年中国人力资本报告相比，2013 年中国人力资本报告使用 2010 年人口普查数据，将全国和各省人力资本更新至 2010 年；新增加计算了海南、江西、吉林、四川和重庆人力资本，基本构建形成中国国家层面及二十二个省级层面人力资本面板数据库；估算并发布全国以及各省 1985-2010 年固定资本存量；计算并发布各省 1985-2010 年生活成本调整指数。会议展示了部分基于《报告》中数据进行研究的学术成果，并总结了《报告》五年内取得的成果。

### 2. 出席嘉宾

人力资本终生收入法的创始人之一 Barbara Fraumeni 教授主持发布会。中央财经校长王广谦在开幕式上致辞。著名人口学家、原全国人大常委会副委员长蒋正华教授，耶鲁大学著名经济学教授 Mark R. Rosenzweig 莅临会议并做主题演讲。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥作中国人力资本报告。经济与合作发展组织北京代表 Vincent Perrin 博士、《中国经济评论》主编 Belton Fleisher 教授、中央财经大学副校长李俊生及副校长赵丽芬等出席了会议。

本次人力资本大会在以往的基础上扩大规模，增设十场关于人力资本与劳动经济研究领域的学术专题讨论会，会议从海内外投稿中遴选出 41 篇高水平论文，分别就人力资本、劳动力市场、教育、工资、医疗保健、人口流动及实验经济学领域的最新成果进行交流，海内外近百名学者加了会议及分会场专题研讨。

## 六、第六届人力资本研讨会

### 1. 会议内容

2014 年 10 月 31 日，中央财经大学人力资本与劳动经济研究中心举行“第六届人力资本国际研讨会暨 2014 年中国人力资本报告发布会”，发布《中国人力资本报告 2014》。与 2013 年中国人力资本报告相比，2014 年中国人力资本报告新增加计算了山西、青海、内蒙古、新疆、西藏、云南、福建、河北、宁夏九个省（自治区）和香港特别行政区、台

湾省人力资本，重新计算海南省人力资本，基本构建形成中国国家层面及所有省、自治区、直辖市和特别行政区（澳门特别行政区除外）人力资本 1985-2010 面板数据库；估算并发布全国以及各省 1985-2010 年固定资本存量；计算并发布各省 1985-2010 年生活成本调整指数。

## 2. 出席嘉宾

科罗拉多大学博尔德分校 Jeffrey S. Zax 教授主持发布会。中央财经大学副校长李俊生教授出席会议并致辞。中国经济评论主编、俄亥俄州立大学教授、人力资本与劳动研究中心教授 Belton M. Fleisher 做题为“追忆加里贝克尔”主体发言。人力资本终生收入法的创始人之一 Barbara Fraumeni 教授、香港科技大学 Carsten A. Holz 教授、美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥作中国人力资本报告。《中国人力资源开发》杂志编辑部主任韩树杰、斯洛伐克科学院预测研究所主任 Martina Lubyova、爱荷华州立大学教授 Peter F. Orazem 和科罗拉多大学博尔德分校教授 Jeffrey S. Zax 应邀做人力资本报告评议。

本次会议收到了 77 份论文投稿，遴选出其中 32 份高水平论文进行报告。

## 七、第七届人力资本研讨会

### 1. 会议内容

2015 年 12 月 12 日，中央财经大学人力资本与劳动经济研究中心举行“第七届人力资本国际研讨会暨 2015 年中国人力资本报告发布会”，发布《中国人力资本报告 2015》。与 2014 年中国人力资本报告相比，2015 年中国人力资本报告将所有省份、自治区、直辖市、特别行政区（澳门特别行政区除外）的人力资本计算扩展到 1985-2012 年。2015 年的报告在方法和数据上进行了调整和更新，比如统一了每年分城乡、性别的各级教育水平招生人数的数据来源并更新到 2012 年、在 Mincer 方程参数估计时添加了新的数据库中国家庭追踪调查 2011 年数据等等，基于估算的每年人口数据，增加了劳动力人口平均年龄、平均教育程度、高中及以上人口比重结果。研讨会还发布了成立中国个体复杂技能测评实验室的消息。

### 2. 出席嘉宾

中国经济评论主编、俄亥俄州立大学教授、人力资本与劳动研究中心教授 Belton M. Fleisher 主持发布会。中央财经大学副校长史建平教授、华夏基石董事长、人民大学彭剑锋教授出席了会议并致辞。人力资本终生收入法的创始人之一 Barbara Fraumeni 教授、香港科技大学 Carsten A. Holz 教授、美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥教授作中国人力资本报告。布兰迪斯大学 Gary Jefferson 教授、斯坦福大学 Scott D. Rozelle 教授、北京师范大学李实教授和北京师范大学辛涛教授出席会议并对人力资本报告进行评议。卢森堡大学 Phil. Samuel Greiff 副教授、科罗拉多州立大学 Kevin Murphy 教授和泽佩林大学 Peer Ederer 教授参与了成立中国个体复杂技能测评实验室的发言和讨论。

海内外百余名学者加了第七届人力资本会议及分会场专题研讨。研讨会从 98 篇投稿论文中选出 40 篇论文进行报告，涵盖人力资本与劳动经济学相关的包括教育、收入、健康、贫穷与行为、劳动力市场、就业、移民、人力资本、子女和复杂技能解决等在内的 10 个主题。

## 八、第八届人力资本研讨会

### 1. 会议内容

2016 年 12 月 10 日，中央财经大学人力资本与劳动经济研究中心举行“第八届人力资本国际研讨会暨 2016 年中国人力资本报告发布会”，发布《中国人力资本报告 2016》。与 2015 年中国人力资本报告相比，2016 年中国人力资本报告将所有省份、自治区、直辖市、特别行政区（澳门特别行政区除外）的人力资本计算扩展到 1985-2014 年。2015 年的报告在方法和数据上进行了调整和更新，比如基于新的数据来源更新了 1985-2014 年每年分城乡、性别的各级教育水平招生人数，统一了全国和省份的人口估算方法并重新计算了国家人力资本，估算了 1985-2014 年全国以及各省的固定资本存量。

### 2. 出席嘉宾

中国经济评论主编、俄亥俄州立大学教授、人力资本与劳动研究中心教授 Belton M. Fleisher 主持发布会。中央财经大学副校长史建平教授出席会议并致辞。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥教授、人力资本终生收入法的创始人之一 Barbara Fraumeni 教授、香港科技大学 Carsten A. Holz 教授作中国人力资本报告。国务院参事，友成基金会副理事长汤敏，麦可思公司创始人，中国国际人才专业委员会副会长王伯庆出席会议并对人力资本报告进行评议。

此次会议共收到 122 篇投稿，选择了 60 篇在 14 个并行会场中进行了学术研讨。

## 九、第九届人力资本研讨会

### 1. 会议内容

2017 年 12 月 9 日，中央财经大学人力资本与劳动经济研究中心举行“第九届人力资本国际研讨会暨 2017 年中国人力资本报告发布会”，发布《中国人力资本报告 2017》。与 2016 年中国人力资本报告相比，2017 年中国人力资本报告将所有省份、自治区、直辖市、特别行政区（澳门特别行政区除外）的人力资本计算扩展到 1985-2015 年。2017 年的报告在方法和数据上进行了调整和更新，部分省份根据 2015 年 1% 人口抽样调查公告更新了城乡人口数据，估算 Mincer 方程时新增 CHIP2013 及 CFPS2014 数据，并调整了 Mincer 方程中经验项系数的拟合方法，改进并统一了 1982 及 1987 年人口数据的处理方法。

### 2. 出席嘉宾

中国经济评论主编、俄亥俄州立大学教授、人力资本与劳动研究中心教授 Belton M. Fleisher 主持发布会。中央财经大学副校长李俊生教授出席了会议并致辞。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥教授、人力资本终生收入法的创始人之一 Barbara Fraumeni 教授、香港科技大学 Carsten A. Holz 教授作中国人力资本报告。对外经济贸易大学国际经济贸易学院院长洪俊杰博士和中国人民大学劳动人事学院院长杨伟国博士出席会议并对人力资本报告进行深度评议。

此次会议共收到 116 篇投稿，选择了 37 篇在 9 个并行会场中进行了学术研讨，涵盖了人力资本与劳动经济学相关的包括教育、劳动力市场、认知、健康、收入、就业、人力资本等主题。

## 十、第十届人力资本研讨会

### 1. 会议内容

2018 年 12 月 9 日，中央财经大学人力资本与劳动经济研究中心举行“第十届人力资本国际研讨会暨 2018 年中国人力资本报告发布会”，发布《中国人力资本报告 2018》。2018 年中国人力资本报告将所有省份、自治区、直辖市、特别行政区（澳门特别行政区除外）的人力资本计算扩展到 1985-2016 年。2018 年的报告在方法和数据上进行了调整和更新，更新 20 个省份 2015 年 1% 人口抽样调查数据，计算招生数时新加入成人教育招生数，估算 Mincer 方程时新增 CFPS2016 数据，并改进了 CHNS 数据库样本筛选方法，同时还新计算了 2015 年就业率数据及计算方法，更新了台湾 1985-2016 年就业率数据。

### 2. 出席嘉宾

中国经济评论主编、俄亥俄州立大学教授、人力资本与劳动研究中心教授 Belton M. Fleisher 主持发布会。中央财经大学副校长史建平出席发布会并致欢迎词。哈佛大学的 Dale Jorgenson 教授的发布了视频致辞，回顾了首届参与人力资本发布会的情景，为第十届中国人力资本指数发布送上了真诚的祝福。发布会特邀西北大学凯洛格商学院 Gordon and Llura Gund Family 讲座教授 Benjamin F. Jones 教授作主题发言。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥教授、人力资本终生收入法的创始人之一 Barbara Fraumeni 教授作中国人力资本报告。北京大学中国卫生经济研究中心主任刘国恩教授和佐治亚大学陈茁教授出席发布会并对人力资本报告进行讨论点评。人力资本终生收入法的创始人之一、国务院发展研究中心副主任隆国强、国际收入与财富研究协会执行主任 Andrew Sharpe 也出席了发布会。

此次会议共收到 145 篇投稿，选择了 52 篇在 13 个并行会场中进行了学术研讨，涵盖了人力资本与劳动经济学相关的包括教育、认知、健康、收入、就业、移民和人力资本度量等主题。

## 十一、第十一届人力资本研讨会

### 1. 会议内容

2019年12月14日，中央财经大学人力资本与劳动经济研究中心举行“第十一届人力资本国际研讨会暨2019年中国人力资本报告发布会”，发布《中国人力资本报告2019》。2019年中国人力资本报告将所有省份、自治区、直辖市、特别行政区（澳门特别行政区除外）的人力资本计算扩展到1985-2017年。2019年的报告在方法和数据上进行了调整和更新，计算了在校生的劳动力人力资本及相应指标。估算Mincer方程时新增中国劳动力动态调查（CLDS）2014年数据，并更新了中国家庭追踪调查（CFPS）2016年和中国健康与营养调查（CHNS）2015年的数据。更新了11个省份2015年1%人口抽样调查数据。完善中等职业教育招生人数和2003年以前成人高等教育招生人数。改进各教育层级招生年龄分布，由六个年龄段改进为三个年龄段。会上，人力资本与劳动经济研究中心与济南人力资本产业研究院现场签约，双方将开展合作进行人力资本定价研究。

## 2. 出席嘉宾

中国经济评论主编、俄亥俄州立大学教授、人力资本与劳动研究中心教授 Belton M. Fleisher 主持发布会。中央财经大学副校长史建平、济南高新区管委会副主任张维国出席发布会并致欢迎词。慕尼黑大学的经济学教授，教育经济学中心的主任 Ludger Wößmann 做主题演讲。美国佐治亚理工大学经济学院教授、人力资本与劳动经济研究中心主任李海峥教授、人力资本终生收入法的创始人之一 Barbara Fraumeni 教授作中国人力资本报告。特邀嘉宾陕西师范大学教育实验经济研究所所长史耀疆教授出席发布会并对人力资本报告进行讨论点评。

此次会议共收到95篇投稿，选择了38篇在8个并行会场中进行了学术研讨，涵盖了人力资本与劳动经济学相关的包括教育、认知、健康、收入、移民和人力资本度量等主题。

## 3. 社会关注

本次人力资本报告的发布受到社会广泛关注并受到国内约20家主流媒体的集中报道。中共中央宣传部主管的“学习强国”学习平台引用了报告的部分内容。

# 十二、第十二届人力资本研讨会

## 1. 会议内容

2020年12月5日，中央财经大学人力资本与劳动经济研究中心举行“第十二届人力资本国际研讨会暨2020年中国人力资本报告发布会”，发布《中国人力资本报告2020》。2020年中国人力资本报告将所有省份、自治区、直辖市、特别行政区（澳门特别行政区除外）的人力资本计算扩展到1985-2018年。2020年的报告在方法和数据上进行了调整和更新，更新各个省份的物质资本存量。

## 2. 出席嘉宾

中国经济评论主编、俄亥俄州立大学教授、人力资本与劳动研究中心教授 Belton M. Fleisher 主持发布会。中央财经大学副校长史建平出席发布会并致欢迎词。诺贝尔经济学

奖得主、芝加哥大学教授 James Heckman 教授和慕尼黑大学教授 Ludger Wößmann 发表精彩的主题演讲。美国佐治亚理工大学经济学院李海峥教授、人力资本终生收入法的创始人之一 Barbara Fraumeni 教授作中国人力资本报告。高丽大学教授 Jong-Wha Lee 和康奈尔大学教授洪永淼对人力资本项目进行了细致的点评。

此次会议共收到 69 篇投稿，选择了 38 篇在 9 个并行会场中进行了学术研讨，涵盖了人力资本与劳动经济学相关的包括教育、认知、健康、收入、就业、移民和人力资本度量等主题。

### 3. 社会关注

本次人力资本报告的发布受到社会广泛关注，国内进行集中报道的媒体主要包括搜狐网、科学网、中国财经信息网、央广网、工人日报、腾讯网、新浪教育、中国新闻网、人民网、光明网、华声在线、中国网、中国经济网、新华报业网、中国发展网、中国青年报、新华网客户端、网易新闻等。相关报道与话题进入微博热搜并被浏览超过 1,700 万次。

## 十三、第十三届人力资本研讨会

### 1. 会议内容

2021 年 12 月 11 日，中央财经大学人力资本与劳动经济研究中心举行“第十三届人力资本国际研讨会暨 2021 年中国人力资本报告发布会”，发布《中国人力资本报告 2021》。2021 年中国人力资本报告将所有省份、自治区、直辖市、特别行政区（澳门特别行政区除外）的人力资本计算扩展到 1985-2019 年。2021 年的报告在方法和数据上进行了调整和更新，并考虑到“百万高职扩招计划”的影响，针对应届生和非应届生分别采用了不同的人力资本估算处理，同时进一步完善了各个省份的物质资本存量并将对应数据更新至 2017 年。

### 2. 出席嘉宾

圣劳伦斯大学教授、人力资本与劳动研究中心特聘教授 Cynthia A. Bansak 主持发布会。中央财经大学副校长史建平出席发布会并致欢迎词。斯坦福大学教授 Eric Hanushek 发表了精彩的主题演讲。美国佐治亚理工大学经济学院李海峥教授、人力资本终生收入法的创始人之一 Barbara Fraumeni 教授作中国人力资本报告。皇后大学教授 Steven Lehrer、中国人民大学陆方文教授对人力资本项目进行了细致的点评。

此次会议共收到 71 篇投稿，选择了 37 篇在 9 个并行会场中进行了学术研讨，涵盖了人力资本与劳动经济学相关的包括教育、健康、育儿、收入、劳动力市场政策评估、乡村振兴和人力资本度量等主题。

### 3. 社会关注

本次人力资本报告的发布受到社会广泛关注，国内进行集中报道的媒体主要包括光明日报、第一财经、工人日报、新浪教育、新浪网、搜狐网、搜狐新闻、新京报社、中国

教育新闻网、中华网、北京日报社、网易、腾讯网、经济参考报、南方都市报、财富中文网、199IT-互联网数据资讯网、济南日报等。

## 十四、第十四届人力资本研讨会

### 1. 会议内容

2022年12月17日，中央财经大学人力资本与劳动经济研究中心举行“第十四届人力资本国际研讨会暨2022年中国人力资本报告发布会”，发布《中国人力资本报告2022》。2022年中国人力资本报告将所有省份、自治区、直辖市、特别行政区（澳门特别行政区除外）的人力资本计算扩展到1985-2020年。2022年的报告在方法和数据上进行了调整和更新，并将人口计算结果与第七次全国人口普查数据对比以检验人口估算结果的准确性。此外，考虑到“百万高职扩招计划”的影响，针对应届生和非应届生分别采用了不同的人力资本估算处理，更新CHFS2018数据库，同时进一步完善了各个省份的物质资本存量并将对应数据更新至2017年。

### 2. 出席嘉宾

圣劳伦斯大学教授、人力资本与劳动研究中心特聘教授 Cynthia A. Bansak 主持发布会。中央财经大学副校长马海涛出席发布会并致欢迎词。麻省理工学院经济学福特讲席教授 David Autor 发表了精彩的主题演讲。美国佐治亚理工大学经济学院李海峥教授、人力资本终生收入法的创始人之一 Barbara Fraumeni 教授作中国人力资本报告。中国社会科学院人口与劳动经济研究所副所长、人力资源研究中心主任都阳教授对人力资本项目进行了细致的点评。

此次会议共收到97篇投稿，选择了49篇在11个并行会场中进行了学术研讨，涵盖了人力资本与劳动经济学相关的包括教育、健康、育儿、收入、劳动力市场政策评估、乡村振兴和人力资本度量等主题。

### 3. 社会关注

本次人力资本报告的发布受到社会广泛关注，国内进行集中报道的媒体主要包括工人日报、新浪网、搜狐新闻、新京报社、中国教育新闻网、中国教育在线、北京日报社、南方都市报、中国新闻周刊、三联生活周刊、新周刊等。



**Campus Map of Central University of Finance and Economics (CUFE)**  
**39 South College Road (also known as "39 Xueyuan South Road"), Haidian District**  
**中央财经大学（学院南路校区）校园地图**



**Entrance Gate (南门):** please show your ID/passport to the security staff to pass the gate 记得在校门刷身份证或向保安出示护照进门

**Academic Building (学术会堂):** This building has a North tower and a South tower. The two towers are connected through the corridor on the **7<sup>th</sup> floor**. 学术会堂分北楼和南楼，南北两楼可以通过 **7 楼** 的走廊连通穿行。

**North Tower (北楼):**

7<sup>th</sup> floor (7 楼): Academic 706 → Plenary session room 主会场; Academic 702 → Parallel session room 分会场之一

**South Tower (南楼):**

7<sup>th</sup> floor (7 楼): Academic 712 → Parallel session room 分会场之一

6<sup>th</sup> floor (6 楼): Academic 608 → Parallel session room 分会场之一

5<sup>th</sup> floor (5 楼): Academic 506 → Parallel session room 分会场之一

3<sup>rd</sup> floor (3 楼): Academic 309 → Parallel session room 分会场之一

**Main Building (主教学楼):**

Main 105, Main 106: both on the ground floor (= 1<sup>st</sup> floor) → Parallel session rooms

主教 105 室, 106 室, 都在 1 楼。→ 分会场之一

**Zijin Cafeteria (子衿食堂):**

3<sup>rd</sup> floor Chinese Buffet Area (三楼中餐自助厅) → Reception dinner on Dec 8 (12 月 8 日招待晚餐地点).

3<sup>rd</sup> floor Western Buffet Area (三楼西餐自助厅) → Lunch on Dec 9 (12 月 9 日午餐地点).

**Expert Restaurant (专家宾馆):** Dinner on Dec 9 (12 月 9 日晚餐地点)

**CUFE Campus and the Mannsic Hotel**  
**中央财经大学学院南路校区与慢曲酒店**

**Mannsic Hotel 慢曲酒店**

Address: No. 33 Xueyuan South Road, Haidian District, Beijing (east side of CUFE)

地址：北京市海淀区学院南路 33 号（中央财经大学东侧）

The Registration on Dec. 8 (16:00-18:00) is at **Mannsic Hotel Lobby**

12 月 8 日 16:00-18:00 的会议注册(仅线下参会者)地点：慢曲酒店一楼大厅

