



Do U.S. Adults Have the Skills Needed to Thrive in the 21st Century?
2018 AIR PIAAC Research-to-Practice Conference

December 6-7, 2018
Key Bridge Marriott, Arlington, VA

Thursday, December 6th from 7:45am – 5:40pm

7:45 – 8:30 **Registration/Breakfast**

8:30 – 9:05 **Welcome and Opening Keynotes**

Jaleh Behroozi Soroui, PIAAC Director, American Institutes for Research
Jack Buckley, Senior Vice President, American Institutes for Research
Peggy Carr, Associate Commissioner, National Center for Education Statistics (NCES), U.S. Department of Education

9:05 – 10:15 **Session 1: Trends in Literacy Outcomes**

Moderator:

Laura Salganik, Former Director, Federal Statistics Program, American Institutes for Research

Papers:

Revisiting the Determinants of Literacy Proficiency: A Lifelong-lifewide Learning Perspective

Richard Desjardins, Professor, University of California, Los Angeles

Gina Cobin, University of California, Los Angeles

Literacy and growth: Policy implications of new evidence from PIAAC

Scott Murray, President, DataAngel Policy Research

Guido Schwerdt, University of Konstanz

Simon Wiederhold, Catholic University Eichstätt-Ingolstadt

Discussant:

Daphne Greenberg, Professor, The Adult Literacy Research Center at Georgia State University

10:15 – 10:25 **Break**

10:25 – 12:00 **Session 2: Numeracy and Employment**

Moderator:

Irma Perez-Johnson, Vice President, Research & Evaluation, American Institutes for Research

Papers:

Examining the Ways that Numeracy Skills and Soft Skills are Related to Occupational Status: The Case of U.S. Workers

Huacong Liu, Research Associate, University of Hamburg

Frank Fernandez, Assistant Professor of Higher Education, University of Houston

Associations Between Adults' Numeracy Skills and Employment Status: An Analysis of PIAAC's U.S. Dataset

Leah Katherine Saal, Assistant Professor of Literacy, Loyola University Maryland

Melissa Gholson, Research Scientist, Educational Testing Service

Krisanna Machtmes, Associate Professor in Research Methods & Evaluation, Ohio University

Ryan Machtmes, Doctoral Student in Evaluation Studies, University of Minnesota-Twin Cities

Are Canadian Jobs More or Less Skilled than American Jobs?

Kristyn Frank, Senior Research Analyst, Statistics Canada

Discussant:

Randall W. Eberts, President, W.E. Upjohn Institute for Employment Research



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12:00 – 12:30 **Keynote Speakers**

William Thorn, PIAAC Manager, Organization for Economic Co-operation and Development (OECD)
Irwin Kirsch, Director and Ralph Tyler Chair in Large Scale Assessment, Center for Global Assessment, Educational Testing Service

12:30 – 1:40 **Lunch**

1:40 – 2:10 **Session 3: PIAAC Log Files**

Moderator:

Eugenio Gonzalez, Research Project Manager, Educational Testing Service

Paper:

Using Log Files to Identify Sequential Patterns in PIAAC Problem Solving Environments by U.S. Adults' Employment Status

Dandan Liao, Psychometrician, American Institutes for Research

Qiwei He, Research Scientist, Educational Testing Service

Hong Jiao, Associate Professor, University of Maryland

Discussant:

Marco Paccagnella, Analyst, Organization for Economic Co-operation and Development (OECD)

2:10 – 3:15 **Session 4: Collaboration at Work, College Majors, and Earnings**

Moderator:

Tony Di Giacomo, Founder, Applied Research Advisors

Papers:

Collaboration at Work and PIAAC Skills

Tobin Lopes, Assistant Professor, Colorado State University

Ellen Scully-Russ, Associate Professor, The George Washington University

Jill Zarestky, Assistant Professor, Colorado State University

Joshua Collins, Assistant Professor, University of Minnesota-Twin Cities

The Importance of Skills and Majors in Determining Future Earnings

Karly Ford, Assistant Professor of Education, Pennsylvania State University

Junghee Choi, Pennsylvania State University

Discussant:

Megan Fasules, Assistant Research Professor, Georgetown University Center on Education and the Workforce

3:15 – 3:45 **Session 5: PIAAC Socio-Economic Status Index**

Moderator:

David Miller, Managing Researcher, American Institutes for Research

Paper:

Relations between Socio-economic Status and Skills in PIAAC

Juliet Holmes, Research Associate, American Institutes for Research

Markus Broer, Principal Researcher, American Institutes for Research



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Discussant:

George Bohrnstedt, Senior Vice President and Institute Fellow, American Institutes for Research

3:45 – 4:00

Break

4:00 – 5:35

Session 6: Intergenerational Social Mobility, Writing Behaviors, and Civic Engagement

Moderator:

Alisa Belzer, Professor, Rutgers University

Papers:

Parental Education and Skill Indicators of Children: An Intergenerational Social Mobility

Sara Oloomi, Quantitative Senior Analyst, Citizens Financial Group

Writing Behaviors Relation to Literacy and Problem Solving in Technology Rich Environments: Results from the 2012 and 2014 U.S. PIAAC Study

Iris Feinberg, Associate Director, The Adult Literacy Research Center at Georgia State University

Elizabeth Tighe, Assistant Professor of Developmental Psychology, The Adult Literacy Research Center at Georgia State University

Amani Talwar, The Adult Literacy Research Center at Georgia State University

Daphne Greenberg, Professor, The Adult Literacy Research Center at Georgia State University

Adults' Civic Engagement in the U.S. and Germany: Evidence from the PIAAC Survey

Amy D. Rose, Professor Emeritus, Northern Illinois University

Thomas J. Smith, Professor, Northern Illinois University

Jovita M. Ross-Gordon, Texas State University

Jill Zarestky, Assistant Professor, Colorado State University

Tobin Lopes, Assistant Professor, Colorado State University

M Cecil Smith, Professor, West Virginia University

Anke Grotlüschen, Professor for Lifelong Learning, University of Hamburg

Marion Fleige, German Institute for Adult Education (DIE)

Discussants:

Meredith Larson, Research Analyst, Institute of Education Sciences, U.S. Department of Education

Dolores Perin, Professor of Psychology & Education, Teachers College, Columbia University

Sondra Stein, Consultant, PIAAC

5:35 – 5:40

Closing and Preview of Friday Agenda



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Friday, December 7th from 8:00am – 3:40pm

8:00 – 8:30 **Breakfast**

8:30 – 8:40 **Welcome**

8:40 – 9:00 **Keynote Speaker**

Stanley Andrisse, Executive Director of “From Prison Cells to PhD”, Assistant Professor at Howard University College of Medicine, and Adjunct Assistant Professor at Johns Hopkins Medicine

9:00 – 10:30 **Session 7: Education in Prison**

Moderator:

Tamara Barron, Occupational Coordinator, Maryland Prisons

Papers:

Understanding Educational Aspiration among People in Prison

Ruth Delaney, Program Manager, Vera Institute of Justice

Lionel Smith, Research Associate, Vera Institute of Justice

Prison-based Education: Programs, Participation and Proficiency in Literacy/Numeracy

Jinghong Cai, Research Analyst, Center for Public Education, National School Boards Association

Anirudh Ruhil, Professor, Ohio University

Dianne Gut, Ohio University

Incarcerated Adults with Low Skills: Findings from the 2014 PIAAC Prison Study

Margaret Patterson, Senior Researcher, Research Allies for Lifelong Learning

Discussant:

Stephen J. Steurer, CURE National Reentry/Education Advocate, CURE National Council of State Governments

10:30 – 10:45 **Break**

10:45 – 11:55 **Session 8: Correctional Education, Skills, and Incarcerated Parents**

Moderator:

Al MacNaughton, Prison School Principal, Virginia Department of Corrections

Papers:

The Influence of Correctional Education, Skills, and Lifelong Learning on Social Outcomes

Roofia Galeshi, Assistant Professor, Radford University

Riane Bolin, Radford University

Factors That Influence the Educational Attainment, Employment, Economic Mobility, and Successful Reentry of Incarcerated Parents

Daniel M. Leeds, Research Analyst, CNA Education

Juliana Pearson, CNA Education

Leslie Scott, CNA Education

Simone Robers, CNA Education

Discussant:

Amy Lopez, Deputy Director, DC Department of Corrections



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11:55 – 12:45 **Lunch**

12:45 – 1:45 **Session 9: Skills, Health, and Unemployment of Older Adults**

Moderator:

Susan Lapham, Vice President, Research & Evaluation, American Institutes for Research

Papers:

Numeracy and Preventive Health Care Service Utilization among Middle-aged and Older Adults in the U.S.

Takashi Yamashita, Associate Professor, University of Maryland, Baltimore County

Anthony R. Bardo, University of Kentucky

Roberto J. Millar, Doctoral Student, University of Maryland, Baltimore County

Darren Liu, Associate Professor, Des Moines University

An Examination of PIAAC Data for Unemployed Adults Aged 45 to 74

Phyllis A. Cummins, Senior Research Scholar, Miami University

Takashi Yamashita, Associate Professor, University of Maryland, Baltimore County

Anabelle Arbogast, Miami University

Discussant:

Ricardo Hernandez, Independent Researcher

1:45 – 2:45 **Session 10: Low-skilled Adults**

Moderator:

Judy Mortrude, Senior Policy Analyst, Center for Law and Social Policy (CLASP)

Papers:

Who Is Not Digitally Literate in the United States?

Saida Mamedova, Senior Research Analyst, American Institutes for Research

Emily Pawlowski, Research Associate, American Institutes for Research

Service-Sector Workers' Skills: Findings from PIAAC and Implications for Educators

Amanda Bergson-Shilcock, Director of Upskilling Policy, National Skills Coalition

B. Jasmine Park, Senior Researcher, American Institutes for Research

Discussant:

Lisa Hudson, Education Statistician, National Center for Education Statistics (NCES), U.S. Department of Education

2:45 – 3:20 **Session 11: PIAAC: Next Steps**

Moderator:

Saida Mamedova, Senior Research Analyst, American Institutes for Research

Upcoming releases including Small Area Estimation and Cycle 2 US PIAAC

Holly Xie, PIAAC National Project Manager, National Center for Education Statistics (NCES), U.S. Department of Education

Stephen Provasnik, International Activities Program Team Lead, National Center for Education Statistics (NCES), U.S. Department of Education

3:20 – 3:40 **Wrap-up/Final Summary and Evaluations**