## Research Ideation Forum – Future of Learning & Work

June 13, 2023  |  PROGRAM SCHEDULE  | Richard Weeks Hall of Engineering  
500 Bartholomew Rd, Piscataway, NJ 08854  |  Busch Campus

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30-11:00 a.m.</td>
<td>Registration</td>
<td>Location: Room 105 (Lecture Hall)</td>
</tr>
</tbody>
</table>
| 11:00-11:10 a.m.   | Opening Remarks                            | Denise Hien, PhD, ABPP  
Vice Provost for Research  
New Brunswick Chancellor-Provost’s Office |
| 11:20-11:30 a.m.   | Introduction                               | Sheila Borges Rajguru, PhD  
Director, Research Development & Strategy  
Office of the Vice Provost for Research |
| 11:35-12:25 p.m.   | Session 1 –  
Equity, Accessibility, &  
Workforce Development  
Talks 8 mins, panel to follow | **Corresponding Principal Investigators:**  
**Joseph Blasi, EdD**  
Distinguished Professor  
School of Management and Labor Relations  
*Addressing Wealth Inequality: Capital Shares for the Working Middle Class*  
**Andrea Hetling, PhD**  
Professor  
Bloustein School of Planning and Public Policy  
*Building a Resilient Workforce through Trauma-Informed Practices*  
**Jingang Yi, PhD**  
Professor  
School of Engineering  
*Wearable Safety Sensing and Assistive Robots for a Disability-Inclusive Construction Workforce* |
| 12:30-12:50 p.m.   | Mini Talk                                  | Douglas Kruse, PhD  
Distinguished Professor  
Institute for the Study of Employee Ownership and Profit Sharing  
School of Management and Labor Relations |

Office of the Vice Provost for Research
Rutgers, The State University of New Jersey  
Old Queens, 83 Somerset Street,  
New Brunswick, NJ 08901  
Email: nb-research@rutgers.edu
### session 2 – Early Childhood, K-12, and Higher Education

**Talks 8 mins, panel to follow Mini Talks**

**Corresponding Principal Investigators:**

- **Meiyin Liu, PhD**  
  Assistant Professor  
  School of Engineering  
  *A Human-Interpretable Automatic Grader for Word Problems in Engineering Disciplines*

- **Jenny Wang, PhD**  
  Assistant Professor  
  School of Arts and Sciences  
  *Cognitive underpinnings and the developmental trajectory of gender and racial stereotypes in early childhood education*

### 1:46-2:00 p.m.

**Mini Talk**  

**Fostering College Students’ Sense of Wonder Through the Arts**

**Rebecca Cypess, PhD**  
Associate Dean for Academic Affairs  
Associate Professor  
Mason Gross School of the Arts

### 2:00-2:15 p.m.

**Mini Talk**  

**Today’s College Students and How Faculty Can Support Them**

**Marybeth Gasman, PhD**  
Samuel DeWitt Proctor Endowed Chair in Education  
University Distinguished Professor  
Associate Dean for Research, Rutgers Graduate School of Education  
Chair, Rutgers University-New Brunswick Faculty Council

### 2:15-2:40 p.m.

**Session 2 Panel**

### BREAK (10-min)

### 3:00-3:55 p.m.

**Session 3 – Artificial Intelligence, Training, & Partnerships**

**Talks 8 mins, panel to follow**

**Corresponding Principal Investigators:**

- **Emily Greenfield, PhD**  
  Professor  
  School of Social Work  
  *Supporting Age-Friendly Community Work through the Development of a Partnerships Platform*

- **Meiyin Liu, PhD**  
  Assistant Professor  
  School of Engineering  
  *Developing AI systems for workforce training with rational thinking and acting capabilities by leveraging social impact analysis*

- **Xiangmin Liu, PhD**  
  Associate Professor  
  School of Management & Labor Relations  
  *From Resumes to Algorithms: Building Equitable AI-Enable Hiring Systems for the Future Workforce*
Jim Samuel, MBA, PhD  
Associate Professor of Practice, Executive Director – Informatics  
Bloustein School of Planning & Public Policy  
Make HAI when the sun shines: Development of Ambiguity and Bias Identification Models with a Human-Centered Artificial Intelligence Perspective for NLP

3:55-4:20 p.m.  
Future of Learning & Work Federal Funding Landscape  
Jack Goodman  
Senior Associate  
Lewis-Burke Associates, LLC

**BREAKOUT SESSIONS (4:30-5:00pm)**

**Breakout Sessions**  
Participants choose a session based on the following topics. This is an opportunity to discuss the panel presentations and foster further collaboration.

<table>
<thead>
<tr>
<th>Time</th>
<th>Breakout Session</th>
<th>Location</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:30-5:00 p.m.</td>
<td>Breakout Session</td>
<td>Room 206</td>
<td>Equity, Accessibility &amp; Workforce Development</td>
</tr>
<tr>
<td></td>
<td>Breakout Session</td>
<td>Room 208</td>
<td>Early Childhood, K-12, and Higher Education</td>
</tr>
<tr>
<td></td>
<td>Breakout Session</td>
<td>Room 105</td>
<td>Artificial Intelligence, Training, &amp; Partnerships</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Networking Reception</th>
<th>Location</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00-6:00 p.m.</td>
<td>Networking Reception</td>
<td>Richard Weeks Hall</td>
<td>Please join us for great communication, community engagement, and refreshing beverages.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>First Floor Lobby</td>
<td></td>
</tr>
</tbody>
</table>