

"People, Pride, and Promise,"



College of Education
Friday Institute for Educational Innovation

Friday Institute National Advisory Board Fall Meeting

<https://ncsu.zoom.us/j/95561307677?pwd=eXB3cU5hSUY3azA5STA1UEFsaUg5dz09>

November 19, 2021

1:00 - 3:00 pm EST

Welcome and Overview (1-1:30pm)

Hiller A. Spires, Ph.D.

Executive Director, Friday Institute

Associate Dean, Alumni Distinguished Graduate Professor

College of Education

Paola Sztajn, Ph.D.

Interim Dean, College of Education

Dr. Warwick Arden, Ph.D.

Executive Vice Chancellor and Provost

Friday Institute Highlights 2020-2021 (1:30-2:00pm)

Hiller A. Spires, Ph.D.

Executive Director, Friday Institute for Educational Innovation

Breakout Feedback Sessions with Project Leaders (2:00-2:30pm)

- **Supporting Historically Minoritized Students in STEM - Diana Urieta, Kevin Howell, and Wes Hall**
Braska Williams, Director
North Carolina Math & Science Education Network (MSEN) Pre-College Program
- **Professional Evaluation & Education Research (PEER) - Anthony Jackson, John Denning**
Shaun Kellogg, Sr. Director
Callie Edwards, Associate Director

- **Data Science and Computational Thinking in K-12 - Jim Pellegrino, Shawna Young, and Ron Bailey**

Hollylynne Lee, Professor, Mathematics and Statistics Education

FI Senior Faculty Fellow and College of Education

Melissa Rasberry, Director of Professional Leading and Learning Collaboratory (PLLC)

Sam Morris, Team Lead, Computer Science for All

Gemma Mojica, FI Research Scholar

- **Building STEM Interests and Career Aspirations: Families, Experiences, Tools & Networks - Ashlie Bucy, Catherine Edmonds, and Tricia Willoughby**

Gail Jones

Professor, Science Education

FI Senior Faculty Fellow

College of Education

- **NC Rural Student Home Internet Access - Evan Marwell and Keith Krueger**

Ray Zeisz, Sr. Director

Technology Infrastructure Lab

Friday Institute Strategy Session (2:30-3:00pm)

- What have the last two years taught us about the future of education?
- What are 3-4 areas of educational transformation that are needed?
- What role(s) do you see the Friday Institute playing in these areas?

Adjourn

What have the last two years taught us about the future of education?

Keith Krueger's thoughts:

- Innovation can happen much faster than we thought (though maybe not wise to do it as fast as we tried). As Churchill said, "never waste a crisis"
- Remote Learning was emergency response and should not be confused with best use of tech and online learning
- Digital Equity is huge and remaining problem
- SEL and well being is major, ongoing challenge

Jim Pellegrino:

- Teachers matter – a lot! They are critical for the future – better PL and better preservice preparation are needed
- Inequities in education are pervasive and need to be addressed or the future is bleak for many – waste of human potential and human capital. We can't go back to business as usual
- Valid assessment information is needed but not as we have largely implemented it in state and federal policy and practice. Closer to ongoing T&L

What are 3-4 areas of educational transformation that are needed?

Keith's thoughts:

- If Jim said "teacher's matter", I agree and would amend to say "leaders also matter"
- We need a vision for Reimagining Ed

- Need strategies so we don't snap back to what we had (e.g., how do we move beyond the inertia)

Jim Pellegrino:

- Teachers matter – a lot – we need to better recognize and support them
- Access to technology matters – not just access but effective use for T&L
- We need to rethink and revise assessment policies and practices – district, state and federal levels
- High quality curricular materials continue to be needed with implementation support
- Need to embrace a socio-cultural model of education as it relates to curriculum, instruction and assessment and their integration

What role(s) do you see the Friday Institute playing in these areas?

Keith's suggestions:

- Focus on building the capacity of educators around Innovation - not giving them the "answers", but helping them think through what they are trying to solve (vs. "predicting" the future)
- Leveraging the new broadband \$, esp for rural & students/families living in mobile parks/apartments
- Clearly articulating Best Practices for hybrid/online learning
- SEL - how can technology enhance well-being for students, teachers, admin & parents
- AI - how should educators do (or not do) with AI for learning

Jim Pellegrino:

- Effective models for PD – using technology wisely and well especially as related to T&L&A
- Policy advocacy – in NC and nationally – teacher PL, assessment, mutual accountability
- Applications of AI and ML in education – instruction as well as assessment – play to strengths of NC State

