

2015

Education Summit 2015 [Program]

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The University of Northern Iowa College of Education | Education Summit

NECESSARY CONNECTEDNESS: **THE NEW EDGE OF EDUCATION**

APRIL 30-MAY 1
2015

The Education Summit is possible thanks to the generous support of the Richard O. Jacobson COE Strategic Program Endowment, which is administered through the UNI Foundation; the UNI Center for Educational Transformation; the Iowa Academy of Education; and the UNI Iowa Teacher Quality Partnership Grant.

University of Northern Iowa

Friday, May 1, 2015

7:30 - 8:00 AM	Continental Breakfast and Registration
8:00 - 8:20 AM	Opening Remarks <i>President Bill Ruud, University of Northern Iowa</i> <i>Dr. Brad Buck, Iowa Department of Education Director</i> <i>Dean Dwight C. Watson, College of Education, UNI</i>
8:30 - 9:30 AM	“Courts and Schools: Working Together to Keep Kids in School” — <i>Mr. David Byers and Mr. David Boyd</i>
9:30 - 9:45 AM	Travel
9:45 - 10:30 AM	Breakout Sessions # 1
10:30 - 10:45 AM	Travel
10:45 - 11:45 AM	“Helping Students with Dyslexia and other Reading Problems: Combining RTI with Knowledge about Reading Profiles” — <i>Dr. Louise Spear-Swerling</i>
11:45 AM - 1:00 PM	Lunch and Panel Presentation by the Iowa Academy of Education <i>Dr. Linda Hagedorn</i> <i>Dr. David Bills</i> <i>Dr. Deb Gallagher and Dr. Susan Etscheidt</i> <i>Dr. Chris Morphew</i>
1:00 to 2:00 PM	“Reforming STEM Education in America: What We Have Learned” — <i>Dr. David Drew</i>
2:00 to 2:15 PM	Travel
2:15 to 3:00 PM	Breakout Session # 2
3:00 to 3:15 PM	Travel
3:15 to 4:45 PM	Interactive Sessions
4:45 to 5:00 PM	Closing Comments — <i>Dean Dwight C. Watson</i>

Necessary Connectedness: **The New Edge of Education**

Friday, May 1, 2015

8:30 - 9:30 AM

Courts and Schools: Working Together to Keep Kids in School

Mr. David Byers and Mr. David Boyd— Room 244/245

This session will explore several ways that juvenile courts and juvenile probation departments can reverse the “school to prison pipeline” and instead work with schools to keep high risk students in school or get them back in if they have dropped out. The program will highlight the Arizona court system’s use of computerized literacy labs, detention education programs and the use of a specialized website designed for teens, teachers and parents.

9:45 - 10:30AM

Breakout Session 1

A Presumption of Competence: Implications for Interdisciplinary Collaboration and Students’ Literacy Learning

Drs. Deb Tidwell, Amy Staples and Evette Edmister – Room 116

This presentation will describe a multi-year professional development project designed to support educators in their efforts to provide comprehensive literacy instruction to their students with significant disabilities. Throughout the project, interdisciplinary collaboration was encouraged and supported across disciplines and contexts.

Play the Hand You’re Dealt: Reading Instruction and Intervention in Title I Classrooms

Dr. Kathleen Brown — Room 122

The role of text in development has long been a coveted hill in the reading wars. It doesn’t have to be that way.

Understanding Students' Digital Reading and Writing Practices and Supporting Teachers in Developing Students' Digital Literacy Skills

Dr. Amy Hutchison — Room 124

This presentation will focus on research on how Iowa students report they currently use digital technology inside and outside of school, how skilled they are at reading and writing with digital technology, and their preferences for reading online and offline. Additionally, a promising model of professional development for technology integration, which is currently being studied with Iowa teachers, will be introduced.

Engineering Standards Impact on Chemistry Teaching

Dr. Sarah Boesdorfer — Room 244/245

The Next Generation Science Standards (NGSS) include engineering as part of the recommended science curriculum for students throughout their K-12 education. Considering most science teachers have not had any engineering education, this poses a new set of challenges for science teachers. This presentation will explore how high school chemistry teachers are beginning to incorporate engineering content in their teaching and its impact on their understanding of and practice of teaching chemistry.

Early STEM and Literacy Development: A Natural Fit and Essential Foundation for a STEM School

Dr. Beth Van Meeteren — Room 252

Schools that focus on developing early literacy skills in PreK-3rd grade may be surprised at how STEM experiences enhance and may even lead literacy development in young children. In this session, research on the importance of early STEM experiences will be shared. Participants will view examples of how STEM and literacy can be integrated through photos and video clips.

Developing Scientifically Literate Children: From Theory to Practice

Mr. Mason Kuhn — Room 321

Developing a sense of scientific literacy in students has been a focus of science education research and reforme-based policy (i.e., The Next Generation Science Standards). In this break-out session, we will discuss components of scientific literacy and instructional practices teachers can use to develop it in their students.

The Rapidly Changing Demographics of Iowa: Implications for Educators

Dr. Mark Grey — Room 322

Iowa is experiencing unprecedented demographic change, and is now home to residents who speak more than 180 languages. This presentation will provide an overview of the micro-diversity that exists in the state and will discuss the implications of this change for schools and educators.

Teacher Librarian Leadership for Literacy & Technology Initiatives and the Plight in Rural Iowa

Dr. Karla Krueger and Dr. Joan Bessman Taylor — Room 422

This presentation will discuss the critical place teacher librarians have in schools, including the teacher librarian's role as leader in technology and literacy, teacher of digital citizenship, and advocate for lifelong readers. They will also share research about the teacher librarian's impact on inquiry learning in rural Iowa schools with high poverty rates.

Iowa New Teacher Performance Assessment (INTPA) Pilot

Dr. Cathy Zozakiewicz — Room 425

The Iowa New Teacher Performance Assessment (INTPA) will be discussed in terms of design elements, the development process, and the collaborative efforts amongst multiple partners involved (DOE, districts, university and Stanford). Pilot participants from the districts (principals, coaches and new teachers) will also share their perspectives on lessons learned in using INTPA as part of the professional development process for new teachers.

Education Summit

8:00-9:30	9:45-10:30	10:45-11:45	11:45-12:45 Lunch and Presentations
	Deb Tidwell, Amy Staples and Evette Edmister		
	Kathleen Brown		
	Amy Hutchison		
David Byers	Sarah Boesdorfer	Louise Spear-Swerling	Lunch Panel
	Beth Van Meeteren		
	Mason Kuhn		
	Mark Grey		
	Karla Krueger and Joan Bessman Taylor		
	Cathy Zozakiewicz		

2015 - Room Chart

Presentation	12:45-1:45	2:00 – 2:45	3:00 – 4:30	4:30-5:00	Room
		Melissa Blohm and Marcus Hora			116
		Donald Bear			122
		Robert Schwartz			124
	David Drew			Dean Watson	244/245
		Audry Rule and Sarah Montgomery	Enhancing the Literacy Performance of Iowa's School Children: Systems Theory Applied		246
		Brian Hand	The Arts, Humanities and STEM		247
		Scott Greenhalgh	The Culturally Competent Educator		252
		Juli Kwikkel			303
		Holly Kaptain			321
		Linda Hagedorn			322
					422
					425

10:45 - 11:45 AM

***Helping Students with Dyslexia and Other Reading Problems:
Combining RTI with Knowledge about Reading Profiles***

Dr. Louise Spear-Swerling — Room 244/245

This presentation describes the power of combining two “big ideas” — RTI practices and common poor reader profiles — for preventing and addressing a wide array of reading difficulties, including those typical of dyslexia, other learning disabilities, high-functioning autism, and experientially based reading problems.

11:45 AM - 1:00 PM

Lunch and Panel Presentation by the Iowa Academy of Education

— Room 244/245

Dr. Linda Hagedorn

Dr. David Bills

Dr. Deb Gallagher and Dr. Susan Etscheidt

Dr. Chris Morphew

1:00 - 2:00 PM

Reforming STEM Education in America: What We Have Learned

Dr. David Drew — Room 244/245

There may be substantial benefits to integrating the arts and humanities with STEM, especially at the undergraduate level. This integration might increase the creativity of STEM research, broaden participation in STEM, and also lead to better prepared and more enthusiastic K-12 teachers.

2:00-2:45 PM

Teaching Beginning Reading: Are the Reading Wars Really Over?

Ms. Melissa Blohm and Mr. Marcus Hora — Room 116

This session will present perspectives from notable theorists such as Gough, Goodman, Stanovich, and others. The main focus will be on how reading research informs the debate over whole language versus phonics approaches to teaching early readers, and the benefits of an on-going dialogue between education researchers and classroom teachers.

Literacy for All: Struggling Readers, Dyslexia, and Essential Teaching Activities

Dr. Donald Bear — Room 122

Nearly all students respond to intense, focused, and developmental instruction around five essential literacy activities. Through examples of students' reading, writing, and word study, examine development and instruction.

Building on Strengths: New Perspective on Phonics, Phonemic Awareness, and Self-Monitoring in Early Literacy Learning Instruction

Dr. Robert M. Schwartz — Room 124

The lowest performing beginning readers are often characterized by what they don't know or can't do. Early intervention research has demonstrated how building on students' strengths can reduce cognitive demands, accelerate progress, and support their construction of effective processing systems for reading and writing. We will examine changes over time in early literacy learning and instruction that result from building on strengths.

Teacher-Initiated Research Across Iowa

Dr. Audry Rule and Dr. Sarah Montgomery — Room 246

Teachers enrolled in UNI's Elementary Education Master's online distance program are working in small groups to conduct research projects in their classrooms and schools related to teacher-chosen current issues or trends in elementary curriculum relating to literacy and mathematics. Overviews of the nine projects and preliminary results will be shared during the presentation.

Combining Literacy with Science: Is There Value?

Dr. Brian Hand — Room 247

The presentation will discuss how building science understanding can be greatly improved through the building of language practices. Our current research program has shown significant gains being made by students in science when they engage in a range of different language practices.

Approaching Best Practices Through Integrative STEM

Dr. Scott Greenhalgh — Room 252

The presentation will explore how critical content in the 21st century can be addressed only through the integration of STEM content and processes. The focus will be on what each discipline uniquely brings to STEM problems and projects and models of what integrative STEM teaching looks like.

Storm Lake Schools: Engaging a Diverse Community

Ms. Juli Kwikkel — Room 303

The community of Storm Lake and its schools have experienced dramatic demographic changes in the last 25 years. This session will highlight measures taken to encourage, engage and empower Storm Lake students to build a better tomorrow.

Equating Standards and Curriculum — A Key to Success in Rural Schools

Dr. Holly Kaptain — Room 321

Every educator already knows that aligning curriculum to the Iowa Core is a necessary pathway for student success on mandated assessments. But what does curriculum and standards alignment really demand? This session presents information on the multiple dimensions of alignment and how these dimensions translate into effective and engaging teaching, with strategies that are guaranteed to increase student learning and achievement.

International College Students in Iowa

Dr. Linda Hagedorn — Room 322

The country in general and Iowa in specific is seeing increasing numbers of international students. This presentation will discuss why students from all over the globe come to the U.S.A. and Iowa for postsecondary education. The presentation will then turn its focus on the largest group of international students, those from China, and will probe the specific factors that promote their desire for a U.S. degree. Other topics include the level and prevalence of shadow education, allegations of cheating to gain admission, and other topics revolving around the issues related to the influx of Chinese international students.

3:15 - 4:45 PM

Interactive Sessions

***Enhancing the Literacy Performance of Iowa's School Children:
Systems Theory Applied*** – Room 246

Dr. David Tilly — Iowa's Sustained Focus on Early Literacy -
Where We Are, Where We Wre Going

Dr. Deb Rich — Systemic Change in Literacy Education:
The Role of AEA's

Dr. Salli Forbes — The Teacher: The Key Change Agent in
Educational Reform

The Arts, Humanities, and STEM – Room 247

Dr. David Drew — Claremont Graduate University

Dr. Brian Hand — University of Iowa

Lisa Chizcek — North Tama School District

The Culturally Competent Educator – Room 252

Dr. Denise Schares – University of Northern Iowa

Dr. Bev Smith – Waterloo Community Schools

