Rosie Hussey
President
Clear Lake

Charles C. Edwards, Jr.
Vice President
Des Moines

Sister Jude Fitzpatrick
West Des Moines

Brian Gentry
Des Moines

Wayne Kobberdahl
Council Bluffs

Valorie J. Kruse
Sioux City

Max Phillips
Woodward

LaMetta Wynn
Clinton

Kameron Dodge
Student Member
Cambridge

Judy A. Jeffrey
Director and
Executive Officer

Minutes
State Board of Education Meeting
February 11, 2009

The February 11, 2009, meeting of the State Board of Education was held in the Iowa Department of Education, Grimes State Office Building, Des Moines, Iowa. The following State Board members were present: Sister Jude Fitzpatrick, Valorie Kruse, LaMetta Wynn, Max Phillips, Kameron Dodge, Charlie Edwards, and Wayne Kobberdahl. President Hussey joined the meeting telephonically. Director Judy Jeffrey and Department staff Gail Sullivan, Jim Addy, Elaine Watkins-Miller, Kent Farver, Jeremy Varner, Tom Schenk, Jr., Amy Vybiral, Vladimir Bassis, Colleen Hunt, Carole Richardson, Jim Reese, LaCosta Potter, Judith Spitzli, Deborah Humpal, Cheryl Mullenbach, Carol Greta, and Jody Crane were present. Also in attendance were Rod Boshart, Cedar Rapids Gazette; Staci Hupp, Des Moines Register; Nadene Davidson, University of Northern Iowa; Mary Beth Runge, Council Bluffs Community School District; Margaret Kelley, Great Prairie Area Education Agency; Linda Heffner, Iowa Teacher of the Year; Susan Olesen, Len Cockman, and Lisa Bartusek, Iowa Association of School Boards; Kim Rost, Area Education Agency 8; Hope Bossard, Gilbert Community School District; Jack Harris, Rockwell Collins; Rex Kozak, Luke Roseland, Trent Harem, Josh Weave, Connor Dilger, Lance Steward, Tyler Richard, Kim Wolf, Derek Bowman, Brodie Beadle, East Marshall Community School District; Lola Breed, Marshalltown; Phil Anderson, Mechdyne; Carol Lensing, School Administrators of Iowa; Dan Schaapveld, Jody Bandy and Brad Fox, Clear Creek Amana Community School District.

STATE BOARD WORK SESSION

School Finance in Iowa

Jim Addy, Administrator, Division of School Support and Information, provided a work session on school finance in Iowa. The purpose of the work session was to provide background content knowledge on the areas that the State Board oversees. Addy shared information about the school foundation aid formula and other district revenues. Addy also reviewed specific topical issues relevant to State Board action and current discussions at the Legislature: negative unspent balance, the relationship between cash and authority, and allowable growth.

Iowa Community Colleges Joint Enrollment Report 2008* and *The Annual Condition of Iowa's Community Colleges Report

Colleen Hunt, Chief, introduced Kent Farver, Amy Vybiral, Jeremy Varner, and Tom Schenk, Jr., Consultants, Bureau of Community Colleges and Career and Technical Education.

The work session focused on the *Iowa Community Colleges Joint Enrollment Report 2008* and *The Annual Condition of Iowa's Community Colleges Report.* The reports were presented together because they overlap in many areas. The *Iowa Community Colleges Joint Enrollment Report 2008* breaks down joint enrollment and does comparisons of the colleges. *The Annual Condition of Iowa's Community Colleges* Report talks about the system as a whole and also includes a special supplement that provides more detailed analysis.

STATE BOARD BUSINESS MEETING

President Rosie Hussey called the meeting to order at 11:00 a.m.

It was moved by Sister Jude Fitzpatrick and seconded by Wayne Kobberdahl that the February agenda be approved.

COMMUNICATION

Public Comment

There was no public comment.

Director Report

- **Iowa Teacher of the Year**
  Judy Jeffrey introduced Linda Heffner, the Iowa Teacher of the Year. Heffner is a fourth-grade teacher at Everett Elementary in Sioux City. She has taught for 24 years. She has a bachelor of science degree in education from Briar Cliff University and a master of arts degree in administration from Wayne State College. Linda is a member of Phi Delta Kappa, the National Council of Teachers of Mathematics, and the National Council of Teachers of Reading. She is also a mentor for student and practicum teachers. She was a 2006 Women of Excellence nominee and the 2008 Sioux City Community School District Teacher of the Year.

Linda's mother was a German refugee during World War II and did not have a chance to complete her education and always encouraged Linda to study and go to college. Linda passes this encouragement on to her students. Heffner noted in her application that many of her students are minority, low-socioeconomic children, and English language learners. "I strive to make students believe in themselves and realize they can achieve anything. I constantly remind them that they can be first in their family to complete college." Her reward is seeing many of her former students go on to college.

Linda Heffner thanked the State Board for inviting her to the meeting. She stated that as the Iowa Teacher of the Year, it is her honor to represent other teachers in the state of Iowa. Heffner mentioned that her classroom in Sioux City is a looping classroom and that means her students stay with her. Heffner reported that she would have been able to take a sabbatical, but because of the looping, she will continue teaching. She indicated that she needs to stay in contact with her students and that she will be working with them through next year. She stated that education has a lot of challenges and that a message needs to be sent to communities, the Legislature and throughout the state that everyone needs to work together to overcome the challenges.

- **Regional Work-Based Learning Intermediary Networks**
  Jeffrey reported that the Department of Education's (DE) application for funding has been approved by the Iowa Economic Development Board. The DE will receive $900,000 to help the community colleges develop a work-based learning network. This will be an opportunity for employers, K-12, and community colleges to come together to match up students' interests with career opportunities. She stated that this is a management tool that can bring all of the resources together.

- **Counselor Networks and Training**
  Jeffrey reported that the DE has been working to help Iowa school counselors with their own professional development. The area education agencies (AEAs) are offering a counselor academy during the 2008-2009 school year. She reported that this helps to deepen the understanding of the new Iowa school counseling framework by enhancing their knowledge of data and technology and networking with other school counselors through the academies. She indicated that there are 60 AEA school counselor consultants and K-12 school counselors participating in the training and that higher education is also involved.

- **Destination Graduation: Follow-up to May Dropout Prevention Summit**
  Jeffrey reported that 17 school districts participated in the Dropout Prevention Summit and they have all been paired with a liaison from a variety of state agencies and representatives from Iowa State University. These liaisons have been in contact with the districts to talk about progress the teams are making in developing their plans to reduce dropouts and increase graduation rates, particularly for minority students. The participating districts were targeted for the Dropout Prevention Summit because they had a high dropout rate or a low graduation rate. At the high school summit, a breakout session gave attendees an opportunity to hear from other districts that have been successful in implementing educational alternatives, engaging community, providing support to families, and offering transition strategies.

  Jeffrey also stated that State Farm Insurance gave each team $2,000 to help implement the strategies identified in the plans.

- **Vocational Rehabilitation Services**
  Director Jeffrey presented the Board with the *2009 Iowa Vocational Rehabilitation Services* calendar. This document provides a recap of all of the services that Vocational Rehabilitation provides.

- **Research and Development Report**
  Jeffrey mentioned that the Research and Development School report has been submitted to the Legislature. She indicated that the DE has been working on this report for over two years. The report makes recommendations for a state school that focuses on research, development, and dissemination of best practices throughout the state. Several legislators have informed Jeffrey that they are enthused about the report and want it to move forward.

- **Federal Stimulus Package**
  Jeffrey indicated that the federal stimulus package has gone into conference committee. Jeffrey reported that the conference committee has been named and is beginning work immediately. Senator Grassley is representing Iowa, and Wisconsin and Minnesota also have representation on the committee; therefore, the Midwest states are well represented on a committee that only has ten people.

  Jeffrey mentioned that the DE has been working to attempt to get the kind of language that is needed to best serve Iowa. She stated that there are some areas of concern and that the DE is watching the areas very carefully.

Board Reports

Rosie Hussey attended her grandson's magnet school for math and science.

Charlie Edwards indicated he had nothing to report.

Sister Jude Fitzpatrick attended a meeting of the Coordinating Council for Post High School Education, an Iowa Business Council meeting, and represented the State Board at the Career and Technical Awards Ceremony. She indicated that the meeting of the Coordinating Council for Hearing Services was canceled because they could not find adequate interpreters.

Kameron Dodge served on a superintendent search committee for the North Polk Community School District.

Wayne Kobberdahl indicated he had nothing to report.

Max Phillips attended a Regents' Strategic Planning meeting. He mentioned that a speaker gave a statistical analysis of Iowa's economic future.

Valorie Kruse attended a Wallace Foundation meeting and indicated there will be a retreat in March.

LaMetta Wynn has been invited to visit a school in Davenport and St. Ambrose University. She indicated that she attends a lot of meetings with the Clinton Community School District.

CONSENT AGENDA

Max Phillips moved and Wayne Kobberdahl seconded to approve the consent agenda. The motion carried unanimously.

BOARD ACTION/DISCUSSION AGENDA

Essential Concepts and Skill Sets of the Iowa Core Curriculum in Grades K-8 Social Studies, K-8 21st Century Skills, and the K-12 Process Skills in Mathematics

Jim Reese, Chief, Bureau of Teaching and Learning Services; introduced Mary Beth Runge, Council Bluffs Community School District; and Nadene Davidson, University of Northern Iowa. Reese mentioned

that Runge co-chaired the social studies work with Lynn Nielsen from the University of Northern Iowa and that Davidson co-chaired the 21st century skills work with Margaret Kelley from Great Prairie Area Education Agency.

Reese reviewed the process that was used for K-8 social studies and K-8 21st century skills essential concepts and skill sets. He also described the make-up of the work teams. Reese reinforced there were various perspectives because of the broad representation and indicated that various resources were used. He indicated that work teams were established last fall to articulate the essential concepts and skill sets of the content areas. He stated that the process used mirrored what had been done in the past.

Reese addressed the K-12 mathematics essential skills. He provided the history of how the information had been presented to the State Board. Last spring, when the K-8 mathematics essential skills and concepts and skill sets were presented to the State Board, the essential skills were not explicitly included. Reese indicated that the group felt compelled to come back to the Board with that as a K-12 item and make sure the Board was in agreement with the recommendation that those essential skills for mathematics are K-12 and not just 9-12. The implication is that teachers provide instruction that is developmentally appropriate for the ages of the students in the grade levels. Reese stated that the DE is expecting the same level of proficiency and complexity at K-12 that we would see in grades 9-12.

Mary Beth Runge provided an overview of K-8 social studies. She described the make-up of the work group and the process that was used to complete the work. She further stated that the essential concepts and skills were divided into bands so that there was articulation across K-12 and that the essential concepts and skills were not course specific.

Jim Reese asked the State Board to consider a change that had been recommended by the work team on the social skills essential concepts and skill sets document. The change falls under the Political Science/Civic Literacy curricular area. The work team recommended the second item under essential concepts and skill sets to read: *Understand how the government established by the Constitution embodies <u>the enduring values and</u> principles of democracy and republicanism.*

There was discussion about the value this brings to Iowa students, where teachers could find resources, and how much change this would bring to the classroom. It was stated that most teachers teach in

isolation and don't know what people are doing in other parts of the state. This gives teachers an understanding of what is essential and what is needed in each and every classroom for each and every student. It allows teachers to stay on track and to stay focused on the essential things that students need to know.

Valorie Kruse asked about the implementation plan. Jim Reese talked about the implications for teachers and school districts relative to their social studies curriculum.

Reese indicated that the DE is working with AEAs on a collaborative effort to support schools and districts with their engagement of the Iowa Core Curriculum. He stated that in the future, the DE will be moving to help the leadership teams work with their staff. Judy Jeffrey added there are many tools being developed in conjunction with the whole AEA system to help school districts determine how to go about implementation. Mary Beth Runge added that there are model units being made at the high school level that should aid teachers in these different areas.

Jeffrey indicated that implementation of the Iowa Core Curriculum will be included in accreditation visits next year. School improvement consultants will begin to examine districts' plans. As deadlines come, they will continue to ramp up what is looked at each year in the accreditation visits.

Jim Reese reviewed the implementation target dates. He indicated that by July 1, 2010, districts need to have an implementation plan for grades 9-12, with full implementation by July 1, 2012. They have later dates for the elementary.

Judy Jeffrey reported that she attended a national forum and that people from across the nation were impressed with the 21st century skills. She stated that some individuals were amazed at the work that's been done. She reported that she doesn't think any other state in the nation has done the depth of work that has been completed in these areas.

Nadene Davidson thanked the State Board for the opportunity to work with the 21st century skills group. She stated that it is hoped that the passion they have is reflected in the document. She reviewed the range of individuals that served on the team including a representative of the Iowa Farm Bureau Federation, a business education teacher, the director of consumer credit counseling of Northeast Iowa, a business education methods faculty member, a Blackhawk county health department school liaison, an agriculture teacher, an industrial

technology teacher who also teaches in Project Lead The Way, an early childhood special education teacher, an elementary middle technology educator, an associate superintendent from an Urban Education Network school that was also a family consumer sciences teacher, a health methods faculty member from a university, a K-8 music teacher, a K-8 counselor, and a science technology methods faculty member.

Davidson provided examples of how different technologies have evolved and stated that there is a growing consensus that schools need to be accountable for more than basic academics. Davidson stated that the legislation defined 21st century skills as five areas: financial literacy, health literacy, technology literacy, civic literacy and employability. Davidson provided an example of work from middle school employability. She talked about examples that experts have identified and believes that information is reflected and embedded in the work that has been done.

Davidson indicated that the committee has a passion and believes very strongly in the 21st century skills as being essential for each and every student to learn. From the committee's perspective, they should be the core and should be infused and embedded across the curriculum.

Charlie Edwards asked about the Seven Survival Skills of Tony Wagner and how those connect to the 21st century skills. Davidson stated that the Legislature provided a more content-oriented framework and that a close examination would show the seven skills are represented.

> **Motion:** Max Phillips moved and Sister Jude Fitzpatrick seconded to approve the essential concepts and skill sets of the Iowa Core Curriculum in grades K-8 social studies, K-8 21st century skills, and the K-12 process skills in mathematics
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> **Vote:** The motion carried unanimously.

Innovative Efforts in Iowa Schools

Director Judy Jeffrey introduced Rex Kozak, Principal, East Marshall High School. Kozak introduced Trent Harem, Luke Roseland, Josh Weave, Connor Dilger, Lance Steward, Tyler Richard, Derek Bowman, Brodie Beadle, and Kim Wolf, East Marshall High School; Jack Harris, Rockwell Collins; and Phil Anderson, Mechdyn.

Rex Kozak provided background on how East Marshall became involved in the Virtual Reality Pilot Project (VRPP). He indicated that Mayo Clinic donated the equipment. The VRPP gives students an

opportunity to put what they learn in the classroom into practice. Students are independent learners and they develop projects that are connected to education and to their own interests. Each quarter, students are expected to partner with a teacher and create something that the teacher can use in the classroom to help students understand a certain concept better. The students in the VRPP also create their own projects to expand what they already know or learn how to do something new.

Students have to become technical readers and problem solvers in order to be successful in virtual reality. Knowing how to work with a group and ask questions becomes a major part of the learning process. Students are given no directions except a basic program book.

Jack Harris, Rockwell Collins, indicated that there is an industry concern on how to encourage students to go into STEM (Science, Technology, Engineering, and Mathematics) technologies/careers. He indicated that there are a lot of problems that need to be solved by scientists, technologists, and engineering majors. Rockwell Collins started working on this project four years ago. They were looking for ways to better design products and better predict performance.

Harris reported that three and a half years ago, a group from the state of Iowa, Iowa State University, Rockwell Collins, the state of South Carolina, the South Carolina Research Authority, and Clemson University launched a proposal to the National Science Foundation. The purpose was to take this technology and put it in high schools and middle schools and kick start the STEM initiative. They submitted a proposal and received a relatively negative response from the National Science Foundation.

Harris was then contacted by a representative of Mechdyne, Phil Anderson, who notified him of a school (East Marshall) that had taken this technology in and has it in place. Rockwell Collins worked with Mechdyne and tried to get other industry folks to step up and say they had some technology that they would donate to high schools. They now have a pilot designed that will put this technology in seven high schools to try and augment the current educational process.

Several East Marshall students talked about their experiences and challenges with the program and also provided a demonstration. A student indicated that this class has taken him to places he never thought he would go or meet people he never thought he would meet (the Royal Family of India). Another student commented on the number of hours that are spent on this project both in and out of school. He

also stated that this project has taught him a lot about team work by incorporating ideas from one person to another person.

Phil Anderson talked about how students have been able to problem solve certain situations before his company came out with a commercial product to do the same thing.

Kozak announced there will be a pilot project with other schools that are coming on board.

School Administration Manager (SAMs)

Carol Lensing, SAMs Manager, School Administrators of Iowa, introduced herself and shared information on how SAMs evolved in Iowa. SAMs was new to Iowa in the 2006-07 school year and started nationwide in Kentucky in 2002. The SAMs program is an initiative funded partially through the Wallace Grant. The focus is on having school leaders spend more time supporting and improving instruction and having a SAM deal more with the management responsibilities required from a principal.

She reported that Linn-Mar Community School District was the first district to join the project. Since then, Clear Creek Amana, Spencer, Storm Lake, West Des Moines, Saydel, Council Bluffs, Waterloo, Clear Lake, and Hartley-Melvin-Sanborn community school districts have joined the project.

Lensing talked about the different models. One model is when a district hires somebody outside of the district to be a full-time SAM. The second model is when the district reconfigures the role of an existing staff member. The third model is when a district uses an existing district employee that absorbs extra duties.

Lensing stated that if a district is interested in the project, she talks to their Board of Education about what the project entails. As a SAM/principal team in Iowa, each agrees to the following:

1) Baseline and annual data collection
2) Daily meeting of SAM and principal
3) Use of Time Track tool and data
4) Monthly coaching visit

Carol Lensing introduced Jody Bandy, Brad Fox, and Dan Schaapveld. Jody Bandy indicated that he is the SAM for his district. He described what his role entails and indicated that his district follows the second model listed above.

Brad Fox indicated that Clear Creek Amana is unique in that they have a SAM in five schools. Currently, all but one of their SAMs is an administrator.

Jody Bandy, SAM, shared some statistics that were gathered as a result of being part of the SAM project. He also talked about changes that were made to improve the use of the principal's time so more time was available to spend on instruction.

Brad Fox, Principal, stated that his number one goal is how does this project affect student achievement? He indicated that Clear Creek Amana is not willing to say right now that the positive trends they are seeing in student achievement are 100 percent related to the SAM project, but he feels there are some indirect things that are going on that are helping them to move toward the 21st century learning skills and ties in with the Iowa Core. Fox provided an overview of the school district including demographics, enrollment, free and reduced price lunch, diversity, and Iowa Tests of Basic Skills/Iowa Tests of Educational Development proficiency. Fox shared his district's goals and stated that the SAM helps him in his role so he can focus on curriculum.

Dan Schaapveld, School Board President, shared his perspective on the SAM project. He indicated that their student proficiency was in the 70th percentile and they wanted to get to 90 percent. He met with new and experienced teachers and they have been very supportive. He also indicated that this project has helped improve morale.

Rules: Chapters 22 (Senior Year Plus) and 97 (Supplementary Weighting) (Notice)

Carol Greta, Legal Counsel, Office of the Director, reviewed the proposed amendments to the Chapter 22 and Chapter 97 rules. Greta indicated that Chapter 22 is currently the Postsecondary Enrollment Option (PSEO) chapter. That chapter will be rescinded and replaced with the entire Senior Year Plus program to include PSEO, Advanced Placement (AP) courses, concurrent enrollment courses with community colleges, regional academies, career academies, etc. She indicated that Chapter 97 is the funding chapter. This chapter explains how school districts get supplementary weighted funds.

Greta addressed Chapter 22 and highlighted what is new and had never been imposed before on students that want to take classes by which they get both secondary credit and postsecondary credit. The

student now has to demonstrate proficiency in the content areas of reading, math, and science in order to be able to enroll in concurrent enrollment courses. If the student was absent for the latest administration of the Iowa Tests of Educational Development and the absence was deemed by the district to be unexcused, the student automatically precludes herself/himself from taking any of the courses. A school district is free to impose or come up with equivalent qualifying performance measures. Students in accredited nonpublic schools are eligible for these programs as are homeschooled students.

Greta stated that all teachers (including community college teachers) have to have a background check if they teach the course on the high school campus or at a neutral site.

Greta reported that several rules talk about information that must be in student handbooks starting in 8th grade. She stated that information must be provided to students so they know what prerequisites they need to take by the time they get to high school.

Greta said that both institutions (college and district) must ensure that these courses are acceptable college level work. Greta noted that there will be a panel or a task force that will make sure that is happening.

Greta pointed out that all districts must make sure that their kids have access to AP courses. She also stated that there is a state appropriation so that no student will have to pay more than half of the cost of the AP examination. Greta also indicated that International Baccalaureate programs are not synonymous with AP.

Greta stated that concurrent enrollment has been formerly known as district to community college sharing. These are the courses for which districts enter into an agreement with the community college. The community college will make courses available to the student of the district. Greta indicated that programmatically this is not going to change much. Districts get supplemental weighted dollars for these courses. Greta said that they need to be nonsectarian and that a comparable course can't be offered by the district.

Greta indicated that PSEO are courses by which there is no written agreement between the district and the postsecondary institution. These are limited to 11th and 12th grades with the exception of 9th and 10th graders that have been identified as gifted and talented. These courses are also available to students at the Iowa School for the Deaf, the Iowa Braille and Sight Saving School, accredited nonpublic schools, and homeschooled students. These courses must be credit bearing

courses and have to be limited to the discipline areas of math, science, social studies, humanities, vocational technical education, and courses offered by community colleges.

Greta stated that changes to Chapter 97 cover financing for the program.

> **Motion:** Max Phillips moved and Sister Jude Fitzpatrick seconded approval to give public notice of its intent to amend Chapter 22 and Chapter 97.
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> **Vote:** The motion carried unanimously.

Charlie Edwards adjourned the meeting at 2:40 p.m.

Rosie Hussey
President

Judy A. Jeffrey, Director and
Executive Officer