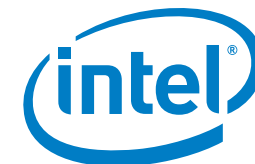




Inspiring Educators
Intel® Teach Program U.S.



Intel® Inspiring Educators

Read winning stories from educators in the U.S. who are transforming 21st century teaching and learning:

Angie Hillman - The Strength of the Human Spirit

Beth Varsho - Technology Integration Bootcamp

Cathy Tippet - Teaching 21st Century Skills in Kindergarten

Claudia Bedoya - Inspiring Classroom Experiences

Deborah Icard - Intel Changed the Way We Teach

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Jude Kesl - A Technology Odyssey

Lauren Zeringue - EXTREME Classroom Makeover

Liz Canales - It's a Brave New World: Engage, Inspire, Change

Naomi Harm - Monday Morning Impact

Susan Gauthier - Intel Teach Saves the Day

Susan Monday - 21st Century First Graders

Valerie Burton - 1 Wiki Pre-Intel; 21 Wikis Post-Intel

Vanessa Jones - Inspired to Tell My Story

The [Intel® Teach Program](#) offers teachers proven professional development supporting 21st-century skills. Intel Teach courses promote student-centered approaches and help teachers engage students in deeply relevant ways, with appropriate use of technology for learning, creativity, and communication. With more than 7 million educators trained worldwide, Intel Teach is the largest, most successful program of its kind.



Angie Hillman - Arizona

Intel® Teach Master Teacher
Cottonwood Middle School, Language Arts Resource Specialist

The Strength of the Human Spirit

For several years I taught bits and pieces of the Holocaust in my high school literature classes. However, it was not until I began teaching my 6th, 7th, and 8th grade learning disabled students these lessons in history through my project based learning unit that I created at an Intel class that my life and theirs began to change. Through my Intel unit my enthusiasm for teaching has been reborn. In this day and age with all the state testing and other things weighing heavy on educators I had lost my focus on how to make learning fun. Through the creation of my Intel unit I have been able to bring that fun back into my classroom with the highest level of instruction possible for my students.

At times my students have struggled to enjoy school and to feel like a real part of the school itself. My Intel unit entitled "The Strength of the Human Spirit" has made it possible for them to attend amazing Holocaust survivor events, do service work in the community, be featured in the newspaper, and become leaders among their peers as Holocaust educators themselves.

[Read Angie's Story](#)

[View Angie's Unit Plan](#)

About Angie

Angie has been teaching for 15 years. She received her Master's degree from Iowa State University in TESL-Applied Linguistics in 1999. For the past 6 years she has taught language arts resource students at Cottonwood Middle School. Prior to that she taught on the Navajo Indian Reservation, two schools in Iowa, and kindergarten through doctoral students from all over the world through her private Global Sunshine ESL Consulting business.

Her school district just received a large 21st Century Technology grant: she is one of 15 teachers participating in the project. In Fall 2009, she became an Intel Master Teacher. Through the grant, she will be training the other teachers to help them develop project based learning units that incorporate technology. In her district she stays very involved as a SEI state certified trainer, member of the district's Curriculum Task Force, as the resource department chair at her campus, on the school scheduling committee, and as the Language Arts Professional Learning Community Facilitator for grades 6-8. Her passion is helping at-risk youth through Holocaust studies which are a central learning tool in her classroom. Along with her students, she coordinates and puts on the community Holocaust Days of Remembrance event annually to instill leadership skills and an awareness of tolerance among her students and the community.

"I now have two amazing Intel project based learning units and will never forget how Intel brought my spirit alive again to be the best teacher that I can be."

Watching the daily progress and positive results of my students is a reminder of why I teach and how the delivery and enthusiasm of my lessons is critical to making leaders of tomorrow."



Beth Varsho - Wisconsin

Intel® Teach Master Teacher
Kimberly Area School District,
Technology Integration Specialist

Technology Integration Bootcamp

What does technology integration really mean? In October of 2009 I became a Master Teacher in the Intel Teach Essentials Course. I trained eleven teachers who were pre-selected to participate in my class. These weren't just any ordinary teachers mind you--these educators really embraced technology and used it often.

The first day of training went well. We spent a good amount of time looking at the ISTE standards, resources, and the awesome sample projects provided by Intel. I could see that the wheels were turning!

The second day of training went just as well. Teachers were exploring new technologies and they were motivated to continue. However, I became concerned when it appeared that their focus seemed to shift from student use of technology to teacher use. By the end of day two, I knew that I needed to address this before training continued.

That night we used our class wiki to discuss what technology integration really meant. I was frank and honest and opened up the page for discussion. Many of them thanked me for "turning on their light bulb". We discussed the comments and overcoming mindsets before the third day of training. They were grateful and are now eager to share what they learned with the rest of the district before the end of the school year.

[View Beth's Technology Integration Bootcamp Presentation](#)

About Beth

This is my 21st year in education, and my second year as the Technology Integration Specialist for the Kimberly Area School District. Prior to this position, I taught for five years at Kimberly High School and before that I taught in seven other schools around Wisconsin.

I am very excited to help teachers integrate technology into their curriculum and to meet the needs of 21st century learners!

See more: <http://bethvarsho.yolasite.com>

"Many times when teachers say they're using technology in the classroom, they are! However--most of the technology being used is done by the teacher--i.e. showing a powerpoint or using the projector in the classroom to show a video. It is challenging to overcome this mindset and focus our thinking on how we have our students use technology and what learning about technology, media use, and information literacy we are aiming for in our instruction."



Cathy Tippett - North Carolina
Intel® Teach Master Teacher
South Macon Elementary, Kindergarten

Teaching 21st Century Skills in Kindergarten

Research shows that using interactive technology engages students and deepens understanding. Realizing this, I have strived to learn ways to incorporate technology and its vast benefits into my teaching. The computer has a way of instantly engaging five and six year olds.

The difficulty has been finding age appropriate resources for my kindergarteners other than games for my single classroom computer.

When I learned about the Intel Teach *Thinking with Technology* Master Teacher class last summer, I felt these were the kind of 21st Century skills I wanted to teach my students. Building a unit of study, Pioneering Communities, helped my young students learn about how needs and wants were met by early settlers in our local area. I teach this unit in the spring to allow the children to exercise their newly acquired skills of reading and writing in a meaningful way.

Using the *Visual Ranking Tool* helps me teach 21st century skills like problem-solving and critical thinking and creativity to my kindergarteners.

[Read Cathy's Story](#)
[Watch Cathy's Video](#)

About Cathy

Cathy graduated from Western Carolina University in 1989 with a BSed, certified K-6. She has 26 years classroom experience, having worked as an assistant before beginning to teach. Cathy taught 1st, 4th, 5th, and Title One, but found her love in kindergarten for the past 12 years. In 2000, she was National Board Certified and recently achieved renewal, which will allow her to continue her certification through 2020.

Her greatest strength is in the area of literacy. She enjoys seeing children learn to read text from a page and begin to put their thoughts down on paper for others to read. That's exciting!

"When I learned about the Intel Teach Thinking with Technology Course for Master Teachers last summer, I felt these were the kind of 21st Century skills I wanted to teach my students.

The Intel Education Visual Ranking Tool makes the process of ranking items and comparing lists easy. My students are able to discuss and negotiate their reasoning with their team partner and can move items to any position in a list with a click and drag. The computer becomes a tool to enhance thinking, reasoning and collaboration for my kindergarten class.

Using the Visual Ranking Tool helps me teach "21st century skills like problem-solving and critical thinking and creativity" to my kindergarteners."



Claudia Bedoya - Texas
Intel® Teach Participant
J.J. Pickle Elementary in Austin, Texas

Inspiring Classroom Experiences

During 2007-2008 I was lucky to be in the right place at the right moment to be able to participate in the Intel Teach *Essentials Course*. This course immediately appealed to me because I have always been interested in technology but had not been able to figure out how to use it in my classroom.

I was born and raised in Bolivia. My family moved to Austin, Texas when I was 18 years old. Adjusting to our new home was not easy, not only was it a different place, but also a completely different culture with a different language. This experience is always present in my mind and affects my everyday teaching in the elementary school since all my students are English Language Learners, just like me.

Read Claudia's Story

"I have seen more growth in my students than in other third grade classes that don't use technology in everyday lessons."

"The tools I learned from the Essentials Course and have since applied in my daily teaching have made me a more effective teacher. Project based learning is an excellent way to differentiate instruction. Wikis, blogs, and Web 2.0 tools are excellent classroom resources and bring classroom teaching into the 21st century."

About Claudia

Claudia was born and lived in Bolivia until her family moved to Austin in 1995.

Getting to the US was the biggest adventure ever. Bolivia's imports are by far greater than its exports, so hiring a cargo airplane was very simple and inexpensive. Claudia left La Paz in the same airplane with nine horses, all their furniture, the dog, and the whole family. The trip itself was an adventure that she will never forget.

Claudia graduated from Saint Edwards University in 1998 with a bachelor's degree in Business Administration with concentration in Marketing. In January, 2000 she went back to get an MBA in Management Information Systems. Her son, Sebastian, was born in June the same year she went back to school. After a few months working on holidays, weekends, and some late nights Claudia realized how much of her son's life she was missing and decided to further explore the possibility of becoming a teacher. This had been an idea she had since high school. Claudia always loved children and enjoyed teaching. She was a tutor while going to college and had been a mentor to younger kids in middle and high school.

Now in her 7th year teaching bilingual students, Claudia finds it very easy to relate to her kids and their families because, like them, her family came to the US and had to get used to a completely different country. She had to learn a different language and left all that she knew and was used to. She loves working with students that are going through some of the same experiences she had fifteen years ago.



"I saw our Intel instructor recently and told her she would be amazed at the progress we've made, and that it all started with Intel equipping us so that we could believe in ourselves. You could say that Intel changed us. It definitely changed the way we teach."

Deborah Icard - North Carolina

Intel® Teach Master Teacher
Cloverleaf Elementary, Technology
Facilitator

Intel Changed the Way We Teach

The Intel Teach *Essentials Course* provided just-in-time skills for two faculties that came together to learn 21st century skills very quickly to start a new school year. They felt awkward with what seemed like an overwhelming task.

Through the rigors and guidance of the Intel Instructor and a Tech Facilitator from the County Office, the teachers began to work together to find solutions to their common problems of getting to know each other, function as a team, and have the confidence to deliver solid instruction to 900+ students. They all look back on the experience now and credit Intel with not only starting them on their successful journey, but helping them believe in themselves.

[Read Deborah's Story](#)

About Deborah

Deborah Icard is currently Technology Facilitator at Cloverleaf Elementary, a K-5 school in Statesville, NC. This is a new direction in her career and she has been invigorated by fresh learning. She has always enjoyed working with students on projects, but after taking the Intel Teach *Essentials Course* and attending technology conferences and workshops, she has been actively using web 2.0 tools to infuse technology into the curriculum. She is a huge proponent of collaboration and online safety.

Deborah received a B.A. degree in English Literature from Furman University and a Masters Degree in Library Science from the University of South Carolina. She began her career as a 6th grade science teacher. A former media specialist, Deborah holds National Board Certification in Library Media and is an Intel Master Teacher. Her interests include writing, photography, and cooking.

"Intel Teach resources have validated project-based learning and our efforts to make students responsible and safe digital citizens. Our staff development has focused on how to integrate the web 2.0 tools into our lesson plans and improve student learning..."



Dyane Smokorowski - Kansas

Intel® Teach Senior Trainer, USD 385
Andover Public Schools, 8th grade
Language Arts Teacher

Inspiring Idea Wrangler

Is inspiring defined as having a dream? Making a difference in a student's love of learning? Being someone willing to risk being out of their comfort zone? Perhaps it's more of creating new opportunities, being goal-driven, or just plain having one's head in the clouds. In any case, being someone who is constantly inspired to be a better educator defines me.

Since my initial Intel Teach Master Teacher course in 2001, I have been driven to share the ed-tech good news of effective teaching strategies to anyone and everyone who is willing to hear it. Not surprisingly, many of the teachers were leery at first, but when they discovered how a middle school English teacher from Kansas was making a difference with her students, perhaps they might give it a go, as well. Since then, I have coached dozens of teachers across the US as they designed great projects, many of whom continue to collaborate with me or go on to share their training with others.

[Read Dyane's Story](#)

About Dyane

Dyane Smokorowski is an 8th grade Language Arts Teacher and Instructional Technology Coach for the Andover Public Schools USD 385 in south central Kansas. Her 21st Century classroom is centered on higher level thinking skills and real world applications. As a former elementary and middle school classroom teacher and as a current Intel® Teach Senior Trainer, Dyane has helped lead her district, along with many others across the country, into opening new avenues of technology integration, professional development, and project-based learning.

"What truly makes me an inspiring teacher is being passionate about students, teachers, and parents becoming personally connected to the learning process. If I can wrangle a crazy idea, design unique learning opportunities from it, encourage students to run with it, and finally produce something new that impacts the community or the world, then I have done my job."



Edwina Martin - Missouri

Intel® Teach Master Teacher
Kansas City Missouri School District

"As a Master Teacher for the Intel Teach Program, I am developing 21st century skills and allowing my students, adults and children, to develop theirs. I am an immigrant of this digital age and I must keep learning how to teach these digital natives."

Prepare Me for My Work World

"Mary what changes would have helped you be better prepared for life after high school?"
"Mommy you all taught me to be able to work in your work world and not mine! I wish you had prepared me to work in my work world."
WOW! What a revelation for me as an educator. Are we preparing our students to work in our work world or theirs?

Being a teacher in the Kansas City Missouri school district, I Edwina Martin, have finally found the teaching tool I needed as a child and as a beginning teacher and even more so as an immigrant of this digital society. The Intel Teach program is making it easier for me and my fellow teachers here in Missouri.

[Read Edwina's Story](#)

About Edwina

Edwina was born in Huntington, West Virginia and presently lives in Kansas City Missouri. She has been married for twenty-two years. Edwina loves to play games that call for interactions with others, working in her church and spending time with family. She has worked as a teacher for twenty-two years in the Kansas City Missouri School District.

Edwina's Grandfather always asked the question when he saw her: "Girl, have you learnt something new today?" He was born in 1897 and lived to be 101 years old. Each time she visited him he said that he had "learnt something new that day." For years, Edwina never really took note of the question until she accepted her first teaching position in Nashville, Tennessee. Then she realized just how important daily learning is in keeping alert, energetic and informed.

In addition, her Grandfather helped Edwina realize that she was to be a teacher. She taught Sunday school since she was 13 years old. Even when she does not want to teach, she finds herself teaching. She loves to see others learning because they are interested in the lesson. She knows that she must reach the heart of the people she is teaching and not just share the information.

"The Intel Teach Program has made great and significant changes in how I view education and share with colleagues and students. This program adds the umpf to teaching and learning that drives success for the teacher and the student."



Eva Johnson - Louisiana

Intel® Teach Master Teacher
Northwood High School

Inspired by Intel

I have been using the *Visual Ranking* and *Assessing Projects* tools since learning about them. My students have used these resources for collaboration and reflective thinking while applying 21st century skills and higher order thinking skills.

I have shared the resources and the abundant information that I acquire, with my colleagues and students, especially information about technology. Consequently, I have provided resources in the schools through my participation in available workshops, and I am always looking for additional resources that can be shared and utilized by teachers and students.

The use of the Web 2.0 Tools and Intel Teaching Tools provided avenues for fostering the development and application of 21st Century Skills and Higher Order Thinking Skills.

[View Eva's Presentation](#)

About Eva

Eva has been teaching life skills in the high school setting since Hurricane Katrina. Before that, she was an elementary school teacher who taught technology and life skills in the classroom library in Marrero, Louisiana.

After participating in professional development offered by Caddo Parish, Region VII, and the state of Louisiana's Course , Eva rediscovered the joy of sharing knowledge about 21st Century Skills and resources for facilitating development and application of these skills.

Eva became involved with the Intel Teach Program after she learned about the resources addressed by the Intel classes. Consequently, she has been enthusiastically pursuing additional learning experiences while sharing knowledge and encouraging other to learn more about collaborative resources provided by Intel.

Eva enjoys reading Braille. using the computer and creating challenging and rewarding activities for her students and daughter. She enjoys working at the sports activities sponsored by the high school and spending time with her children and their friends.

"Web 2.0 Tools and Intel Teaching Tools provided avenues for fostering the development and application of 21st Century Skills and Higher Order Thinking Skills.

In fact, many of my students are teaching some of my colleagues, and even me at times, since the use of technology is so cyclical and fundamental to many other skills and abilities."



Dr. Gwen Roy - Virginia

Intel® Teach Master Teacher
King & Queen Public Schools

Web 2.0 and Teach: The Making of a Sweet Story of Success

As a person who entered the public school teaching field as a “career switcher”, I am always looking for creative ways to excite students and teachers about learning.

I’m Dr. Gwen Roy and I’m presently teaching the Thinking with Technology Course to teachers in King & Queen County, VA.

My story is one of development, perseverance, and Intel Tool inspiration, that utilizes technology to excite students to not only experience the success of the Visual Learning Tool, but to taste it.

[Read Gwen’s Story](#)

“[Thinking with Technology] has brought teachers together. There is renewed excitement in teaching. They are in the halls and classrooms helping each other with assignments, sharing ideas, and searching for additional activities that use technology. I am seeing more creativity, and partnering, and we are using technology that otherwise sits in a corner unused most of the year.”

“In just a few weeks, the Intel Teach program has added a renewed buzz of excitement in learning. Now the math teachers are excited about using the tools to prepare their students.”

About Gwen

Gwen is an inspirational speaker and facilitator for interactive workshops, conferences, and retreats. She has degrees in Sociology, and Educational Media from Va. State University. She received her Ph.D. in Organizational Leadership from Regent University. Her doctoral dissertation presents a design for teaching and evaluating character education in schools, and promotes the theory that the more you do good, the more likely you will do good when faced with challenges to your character. She is retired from Virginia Tech, and presently teaches Special Education at Lawson Marriott Elementary School in King & Queen County, VA.

Gwen loves to write, and believes that her writing skills developed at an early age because she had a speech impediment. With the development of computers, her interest in using technology to enhance the learning skills of her students grew. She is always looking for new and exciting uses of technology, and regularly includes technology in her daily lesson plans. She has developed numerous projects to get students excited about writing. She remarks that this school year, teaching the Intel *Thinking with Technology* course has been one of her favorite tasks. The attitude and response of the teachers and students to the program has overwhelming.

Gwen has been featured in Ebony magazine and many news articles, has poetry published in numerous books, and is a former Miss Va. State College. She has served on and held office on an array of boards and organizations, including the VA Board for People with Disabilities. Dr. Roy is the mother of two daughters, and is an ordained minister and co-founder of God’s Show and Tell Ministry in which technology plays a major part in her workshops and presentations. Her future plans are to continue to research, teach, and promote the use of technology to enlist and enhance the use of higher thinking skills in people of all ages.



Jennifer Hettler - Texas

Intel® Teach Master Teacher
Region 9 ESC, Education Specialist,
Technology Integration

My “Aha” Moments

The Intel program changed the way I teach. I am in Texas and my first experience with Intel was the Teach to the Future program in 2003. I attended Master Teacher training and subsequently trained the teachers at my school. I cannot say that this was easy but I can say that it was one of the most rewarding things I have ever done. It has definitely shaped the way I taught students and the way I continue to train teachers today.

I believe that the program is very powerful and will change any teacher who embraces it. Throughout the years since my initial training, I have always championed it.

I spend a lot of time developing and delivering professional development for teachers in the area of technology integration. There is not a day that goes by that I do not consider what I learned in Master Teacher training.

[Read Jennifer’s Aha Moments](#)

About Jennifer

Jennifer has a Master of Science degree in Learning Technology and Information Systems Emphasis in Media and Technology from Texas A and M Commerce, Commerce, TX (2001). She has a Bachelor of Arts degree in Business Administration from Ouachita Baptist University, Arkadelphia, AR (1992). Her Teaching Certifications include: Technology Applications EC-12 and 8-12, Generalist 4-8, Generalist EC-4, Gifted and Talented Endorsement EC-12, and English as a Second Language (ESL) Endorsement EC-12.

Jennifer has been in education since 1997 and currently works at Region 9 Education Service Center as an Education Specialist, Technology Integration. Her primary responsibilities include developing and delivering professional development for teachers in the area of technology integration.

“This program is so much more than technology training. It is solid curriculum training. It goes beyond the theories and really teaches how to develop meaning technology integration in the core subject areas.”

“I believe that the program is very powerful and will change any teacher who embraces it. The Intel model is one that I use regularly and I have explained the concept of modeling technology projects to so many teachers. I always say that a teacher who models projects will take D students to C students, C students to B students, B students to A students and will make A students really soar. I have seen it happen first hand.”



Jill Summers - Louisiana

Intel® Teach Senior Trainer
Region VI TLTC, Instructional
Technology Facilitator

"As an educator, I vowed to make a difference. As a classroom teacher, I feel that I touched the lives of many of my students. Once I began working with the teachers, I saw that I could still affect students indirectly by inspiring and challenging their teachers. Thanks to programs like Intel, I can still make a difference."

A Tale of Two Journeys

This is a tale of two journeys that I have taken as an Intel Senior Trainer for Louisiana. The first tale is somewhat of a fairy tale. Imagine a class of tech savvy educators with a desire to learn anything new you give them. The second tale is quite different as you will soon see. As I look back on each training, I feel that I not only learned something from each group, but was also inspired to begin my next Intel journey.

[Read Jill's Story](#)

About Jill

A former middle school teacher, Jill now is serving 8 parishes as an Instructional technology facilitator. She has been involved with Intel since 2007 when she completed her first Intel Teach course. Since that time, she has completed the Thinking with Technology MT training, the Leadership Forum ML training, and became a Senior Trainer for the Essentials Course. Jill loves her job, and loves being able to show teachers the resources that are available to them.

In her "spare" time, Jill is a mommy to Delaney 8, Emma 4, and Landry 2. She lives in Pineville, LA with her husband, Stephen.

Jill has her masters in administration, but enjoys her current job too much to change right now.

"The very first Intel training I conducted...Although this was a great bunch of dedicated educators, we each walked away with a sense of accomplishment that even though we were out of the classroom, we were still continuing our learning journey, empowering ourselves so we could help others."

"Intel has some of the most dedicated and intelligent educators I have ever met."



Joy Burroughs - Arizona

Intel® Teach Master Teacher
Holbrook Unified School District #3,
Basic Computer Literacy Facilitator

"A former technology illiterate teacher disclosed 'The Intel tools have helped me develop the self esteem to use technology with my students.'"

Helping to Transform Students and Classrooms

I am so fortunate to watch and facilitate the wonderment of learning not only for my students but also for the adult learners I instruct. Conducting Intel trainings for technology challenged and resistant teachers is an immensely rewarding experience. I love witnessing the transformation of these educators as they exclaim "I can do this in my classroom!"

It is an exciting time to be in the field of education, being a part of the technological transformations happening in classrooms. Intel continues to play a vital role in this process. I will continue my journey of making a technology rich learning environment for my students along with promoting the process with other teachers. Thanks Intel!

[Read Joy's Story](#)

About Joy

Joy is currently teaching Keyboarding and Digital Literacy to 7th and 8th grade students in Holbrook, Arizona. Certiport recognized her tremendous teaching abilities by acknowledging her with their "Champion of Digital Literacy" award in 2006. During her 19 years of teaching, she has found her niche. For the last nine, she has been teaching students and adults computer skills needed for the 21st Century. Projects involving Web 2.0 tools for collaboration and communication are a common thread in her technology rich classroom. Her presentation skills are rich and varied as she differentiates instruction for students and staff alike. She models collaboration and communication when engaging staff to explore new technologies while presenting at various venues around the district.

Joy received her Bachelor's in Science from University of Wisconsin - Oshkosh and will receive her Masters of Science (Integrating Technology into the Classroom) Degree from Walden University May 2010. She is an Intel Master Teacher, IC3 Certified Instructor, Differentiated Instruction Trainer and Technology Mentor and a valued addition to her district.

In her limited spare time, Joy enjoys learning, teaching, reading, traveling and cooking. Her time traveling incorporates teaching others and learning from them as well. Her adult computer literacy classes are often filled with the aromas of her home cooking.

"Intel has helped me discover how to put the best practices of instruction under one umbrella. The classroom is now student-centered with an abundance of choices for project-based learning. The students are engaged and are becoming well versed in the 21st Century skills needed for their future."



"Becoming a recent Intel Master teacher I now have the Intel tools, roadmaps, to assist other teachers in becoming 21st Century teachers!"

About Jude

Jude has been a science teacher for a very long time in places like Spanish Harlem in NYC, and Milwaukee Wisconsin. She was also lucky to work with the JASON Project as their Argonaut coordinator for 13 years.

Currently, Jude works as a science teaching specialist for the Milwaukee Public Schools infusing technology every chance she gets. Jude is Google certified and teaches a number of technology courses for the district and two local universities.

Jude Kesl - Wisconsin

Intel® Teach Master Teacher,
Milwaukee Public Schools,
Science Teaching Specialist

A Technology Odyssey

Science has always been fun and easy to teach, but when the technology age dawned things changed dramatically. I was smitten with the "power" or ability to help students get up to the minute data (or so it seemed then) about earthquakes around the planet and weather in the far corners of the earth. This opened the world them.

In recent years, the technology tools that allow student to access all this information directly, without the teacher intermediating has been a huge boon. In more recent advances students don't even need the technology the school provides to access the information they need.

A turning point for me, where I learned I did not need to be the sage on the stage was a while back when I spent all of my Christmas vacation learning HTML code so I could teach the kids how to make web pages. It took me less than two day to share all that I had learned...now what? I turned to my students and told them "here are the books I learned that from. I have taught you all I know on this topic, now we learn together." They took off we never turned back. They truly became 21st Century learners, with the skill and confidence they needed to teach themselves, and then teach me. That moment transformed me as a teacher.

Becoming a recent Intel Master teacher I now have the Intel tools, roadmaps, to assist other teachers in becoming 21st Century teachers!

[View Jude's Presentation](#)



"If we can dream it, we can do it!"

This has become my motto for my Kindergarten students after attending the Intel Teach Program last summer.

It inspired me to fully incorporate project-based learning in my classroom. It has provided my high poverty students with meaningful lessons that allow them to be innovative and creative while strengthening their content knowledge."

Lauren Zeringue - Louisiana

Intel® Teach Master Teacher
St. James Parish School Board

EXTREME Classroom Makeover

Project-based learning has transformed my teacher-directed instruction into child-directed learning. With the use of interactive technology, word family flashcards are now songs through Garage Band. Winter lessons containing pictures of snow are now real-time video conferences with meteorologists and students who live in areas with snow. Robust vocabulary sentence strips are now vocabulary videos through iMovie.

Lessons begin with an essential question, which presents an opportunity for students to think critically through discussion and debate. I am amazed at how eager 5 and 6-year-olds are to discuss their thoughts and how often they provide real-life experiences as evidence. Students then discuss and decide as a group which type of project they will complete, promoting innovation.

Students are encouraged to be creative and must only adhere to the self-assessing rubric that lists components of the project. The hands-on learning experience and collaboration of the student groups has proven to strengthen my students' understanding of the content.

Exposing my students to interactive technology has put them on an even playing field in a global economy that demands innovation and creativity. Project-based learning has transformed my students into enthusiastic, independent, life-long learners.

[Watch Lauren's Video](#)

About Lauren

"Tell me and I'll forget; show me and I may remember; involve me and I'll understand."

Lauren's philosophy is that learning should be interactive, fun and child-directed. She is passionate about creating a learning environment that promotes creativity, individuality and higher-order thinking. She views herself not as a "teacher" but a carpenter, providing students with the tools they need to build a strong foundation of a successful academic career. Success is not an option in her classroom but a requirement! Lauren's hope is that her students will leave the classroom as independent, confident and enthusiastic learners.

Lauren's students may be young but she is teaching scientists, doctors, teachers, explorers, lawyers, Presidents, caregivers, singers, athletes and most importantly, outstanding citizens. She teaches the FUTURE!



Liz Canales - Texas

Intel® Teach Participant,
Austin Independent School District

It's a Brave New World: Engage, Inspire, Change

Imagine... you are a classroom teacher, responsible for preparing graduates for a brave new world, living and breathing technology. From advances in medicine, to protecting our natural resources, you have no idea where technology will be by the time your elementary students graduate. How do you keep up?
Good question!

Two summers ago, I helped my district write technology curriculum that was embedded in grade level, subject area curriculum. In this way, we were showing teachers ways to integrate technology instead of trying to just fit it in. Already, we need to update it because of the advances in that short a time.

The best we can do is to question the students, engage them in problem-solving, inspire them to create their own strategies for solving the problems facing them, and teach them to see change as a positive part of life.

[Read Liz's Story](#)

About Liz

Engage, Inspire, Change... words to live by when your job is to teach children. Liz Canales strives to do all three while learning alongside her students. With Bachelors and Masters Degrees in Education, and current work on a PhD in School Improvement, she has taught for 24 years at a wide range of grade and ability levels. With 12 years in Special Education, from severely and profoundly involved students to inclusion with mildly disabled students- some of whom are also identified as Gifted and Talented, she has experienced working with a full spectrum of abilities. Leaving Special Education was a difficult choice, but it meant having her own class of students to work with and become family for a year. Her "regular" classrooms have also been home to many students with special needs, integrating technology among all content areas in order to make it real and meaningful for her students.

"The most powerful ideas I took from the Intel training, and continue to be reminded of are that we must not just assign technology, we must make it real, make it meaningful, and use it as a tool for learning. Life "after public school," will require our students to use technology to solve problems and to improve their world, it is our job to prepare them for this."

"How has Intel impacted the lives of my students? The biggest change has been through opening up a whole new world of opportunities for differentiation. Technology has created new avenues through which I can help students develop skills for the future, as well as to inspire them in ways that make the learning more accessible to their individual learning styles."



Naomi Harm - Wisconsin

Monday Morning Impact

I would like to share with you my personal story of how Intel Teach has transformed my teaching practice with the collaboration of others.

I have had the privilege and opportunity to collaboratively work with many inspiring educators throughout the world with Intel Teach. These participating educators are dedicated and are driven individuals who transform technology integration and content delivery practices. These key individuals always keep their eye on the "Prize" that is- our 21st century digital native learners.

Thanks for taking the time to listen and to view my Intel Teach Inspiring Story through the attached enhanced educational podcast below. I challenge you now as an educator to take the next step and critical ask of yourself and self-reflect on the following question: "How will YOU make an immediate Monday Morning Impact" in your classroom to transform your instructional practice to inspire life long learners?"

[Listen to Naomi's Podcast](#)

(in order to download, embedd or share this podcast from this location, you will need this case-sensitive password: Inspiring_Stories)

[View Naomi's Video](#)

Intel® Teach
Senior Trainer,
Innovative
Educator
Consulting,
Educational
Technology
Presenter and
Consultant

"By the combination of these educators who are inspiring agents of change, and the Intel Teach program, I have transformed my teaching practice to better prepare myself to be an active collaborator and a responsive facilitator to meet the immediate needs of all my learners. Yes, I have been transformed by their inspiration and dedication to improve their personal and professional classroom practice, and I too, am now an agent of change with them."

About Naomi

Naomi, ME-PD, best known as an educational technology enthusiast and guru, welcomes every opportunity to share her expertise and best practices relating to 21st century technology infused teaching and learning environments.

Naomi has just been nominated the President-Elect of the state technology and media association known as WEMTA.

Naomi accepted an inspiring Intel Education position this past year as a National Senior Trainer.

She also manages her own "Innovative Educator" consulting corporation, where she provides customized staff development technology workshops, grant writing expertise, and designs and delivers online graduate course work for universities.

Naomi has a well-known specialty and expertise area of delivering motivational international keynote presentations focusing on emerging technologies, 21st century skills, and inspired and transformative educational technology leadership.

She is truly passionate about building global relationships with educational technology leaders, while engaging in meaningful conversations to meet the needs of today's diverse learners.



Susan Gauthier - Louisiana

Intel Teach Affiliate and Senior Trainer, Louisiana Department of Education, Educational Technology Consultant

"The Intel Teach professional development program and website models technology which will help students acquire the skills they need to survive in a complex, technological and information-rich world."

Intel Teach Saves the Day

Video Setting: A professional development opportunity for librarians

My video story is just one example of a seamless integration of an Intel tool bringing together technology, content and classroom management into a successful union.

The teachers are not the only ones to benefit from the Intel content, we cannot forget the students. The Intel Teach professional development program and website models technology which will help students acquire the skills they need to survive in a complex, technological and information-rich world.

[Watch Susan's Video](#)

About Susan

Susan Gauthier, Educational Technology Consultant, develops and supports several professional development programs (Regional TLTCs, LILI, EIT, ProEx, LaTEL, Intel Teach) at the Louisiana Department of Education.

Susan has eighteen years in education, including ten years in Louisiana classrooms and eight years of coordinating educational technology programs for the Department of Education. Susan currently serves as the Louisiana Intel Teach Affiliate Coordinator and is an Intel Senior Trainer for Thinking with Technology, Essentials Online, and the Essentials Course. Susan is a Google Certified Teacher. Susan is also a STAR Discovery Educator. She has presented hands-on and concurrent sessions at regional, state, and national conferences in the areas of information literacy, visual thinking, numeracy and technology.

"Intel Teach has changed my approach to redelivering professional development.

I incorporate the tools, strategies and curriculum of Teach into all of my state initiatives... But the bottom line for me, as a trainer, is that my educators were engaged, they were invested in their work and they had fun while they learned. What more could I ask?"



Susan Monday - Alabama

Intel® Teach Master Teacher Mobile County Public Schools, W.H. Council Traditional School, 1st Grade

21st Century First Graders

Intel has inspired this "old school" first grade teacher to become updated with 21st century skills! Since my initial training in spring/summer 2008, my lessons have involved more technology and require student design. The tools I learned through two Intel Teach courses: Essentials Course and Thinking with Technology have complemented our International Baccalaureate units of study, driven by student inquiry. My students conduct online research through pre-selected relevant websites earmarked on a Hotlist or digital scrapbook. In addition, they blog, create slides for PowerPoint, take and upload digital pictures, and collaborate on blogs and wikis with other students across the nation and world. We have taken a vow to go "green" as we compile digital data. This experience equips my students with crucial 21st century skills and provides them with a "real world" connection. Students are immersed in activities they truly enjoy.

[Read Susan's Story](#)

About Susan

Susan Monday is a first grade teacher at W.H. Council Traditional School in Mobile, Alabama. She is completing her fourth year. Susan's school is a communication magnet school and is a certified International Baccalaureate World School. She used to be a fitness trainer/ yoga & Pilates instructor. Her first grade students enjoy yoga stretching during transitions. She finds it helps them to refocus! In 2008-2009, Susan enrolled in seven months worth of Saturday Arts in Education courses at the University. She now incorporates more of the arts into daily lessons through puppetry, painting, and music. For the past two years, she has been a National Board candidate. During the summer, Susan tutors homeless students grade K-6 in math and reading.

"As my students collaborate together, they learn to appreciate diversity and to become problem solvers.

Student discipline has improved as Intel has trained me in student accountability methods such as peer/self assessment forms, providing checklists, and designing rubrics.

Creativity abounds, instruction is differentiated to accommodate all learning styles, and cooperation becomes a skill of ease. Students are immersed in activities they truly enjoy."



"The first time that I saw the resources provided to assist students within the Intel Teach Essentials Course I felt as though it was Christmas. There were suggestions for: projects, products, learning platforms, etc. It was wonderful. My first week in the class, I spent hours and hours skimming and scanning the resources that we had available to us."

Valerie Burton - Louisiana

Intel® Teach Master Teacher,
West Jefferson High School, English

1 wiki pre Intel; 21 wikis post Intel

I took my first Intel training class two years ago and I will never be the same. Intel afforded me with the opportunity to learn about, investigate, experiment with and "wow" my students by using technology savvy.

I am Valerie Burton, an English I teacher from New Orleans, Louisiana and I am an Intel Educator.

Intel opened my eyes to a learning community that commented and shared work with one another for the betterment of the school, teacher and student. My Intel training was the first time I had been exposed to a Personal Learning Network that required engagement and discourse. I have grown in leaps and bounds since my first class. Before my Intel class I had 1 wiki and 1 blogpage, I now have 21 wikis, 15 blogpages, blog feeders, 2 Twitter accounts, I create instructional podcasts and videos, and membership in 10 professional Ning learning communities and a partridge in a pear tree.

I want my students to feel the same empowerment that Intel has given me. I want them to embrace their destiny in the technological world like I did. My students, school, teachers and parents have all gained because of my Intel knowledge.

[Watch Valerie's Video](#)

About Valerie

Valerie is an English I teacher and English Department Chairperson at West Jefferson High School in Harvey, Louisiana. Her desire is to help students learn and instill in them processes for lifelong learning. She uses project-based learning experiences because the students are more actively involved in their education. Valerie enjoys using technology as a tool for learning, and is always open to new teaching possibilities. This school year: she uses blogs, wikis, Ning, wallwish, PhotoPeach, games online and much, much more.

"I try to design each lesson so that it is diversified enough so that all students are able to succeed. We create movies, games, wikis and blogs to demonstrate skills that have been mastered in class. My goal is to make learning enjoyable for my students through creativity and humor. I want students to feel free to take risks, speak out and try out new things. It is my desire to provide an open and caring classroom where all concerns can be addressed comfortably, and both students and parents feel welcome."



Vanessa Jones - Texas

Intel® Teach Senior Trainer, Austin ISD

"Attending that first Intel Teach Master Teacher training was the best educational decision I have ever made. The Intel Teach Program was like no other training I had ever attended before. From that very first hour, there was a paradigm shift for me in what "technology integration" was all about. This training was what I needed to continue my quest to be a life-long learner and to take my teaching and learning to the next level."

Inspired to Tell My Story

I have been involved with the Intel Teach program for the past ten years. I have grown each year with the program as I have been inspired to take my teaching and learning to the next level. Through the Intel Teach program, I have assembled an impressive portfolio of knowledge, skills, and tools that continue to propel me on my way to being a life-long learner!

Everyone has stories to tell...Stories represent who we are and help bring together our real-life daily adventures and shared experiences...Everyone has stories to tell...Here is mine.

[Read Vanessa's Story](#)

About Vanessa

Vanessa is an Instructional Technology Facilitator for the Austin Independent School District in Austin, Texas. She is currently a National Senior Trainer for Intel Education, a National PBS Teacherline online facilitator, and a Discovery Educator Network Star Educator.

Ms. Jones earned a B.J. from the University of Texas at Austin, and a M.S. in Computer Education and Cognitive Systems and received a Technology Applications Certification from the University of North Texas. After becoming certified to be a teacher at St. Edwards University, she taught in grades three through six, and was recognized by the Texas State Board of Educators in 2002 as the first African American in Texas to be a state finalist for the Presidential Awards of Excellence in Math and Science.

Vanessa has been a Design and Curriculum Writer for Illinois State University for Math, Science and Technology (IMaST and CeMaST). She has also served as a consultant for the University of Texas at Austin Astronomy Department (Project Alien Rescue) and a consultant for University of Texas at Austin Institute for Technology and Learning:TX2K: The Texas Living Museum. Vanessa has been featured in the technology magazine Converge and in the Austin American Statesman article (Robotics in the Classroom). She has also served on the Board of Advisors for the St. Edwards School of Education. Vanessa is a lifelong learner and an innovative curriculum designer. Throughout her eighteen years of teaching experience, she has been committed to success for all students and teachers. She continues to inspire teachers and students to succeed and apply essential 21st Century skills to their everyday lives. She enjoys creating a cohesive, collaborative learning community in which everyone shares ideas, applies knowledge, gives feedback and makes reflections on their learning experiences.

"Over the years, I have had the opportunity to grow with the Intel Teach program. I can truly say the program has effectively transformed my teaching and learning models in the classroom as well as how I deliver professional development. "

The **Intel® Teach Program** is part of the **Intel® Education Initiative**, a sustained commitment to prepare students with the 21st century skills they need to thrive in the knowledge economy. Intel offers free programs and resources for K-12 educators, higher education, and community education for youth.

Learn more at www.intel.com/teachers



Intel® Education Teachers Engage

An Online Community for those involved in Intel Teach Program professional development, focused on core topics of courses: effective use of technology, instructional design, project-based approaches, assessment of 21st century skills, and open-ended questioning.

[Find out more](#)

“The foundation of tomorrow’s innovation is education. That’s why making quality education available to more students around the world has inspired Intel’s commitment to education for 40 years.”

- Paul Otellini, President and Chief Executive Officer, Intel Corporation

Intel’s Commitment to Education

At Intel, we create technology that advances people’s lives. We believe that to foster innovation and drive economic growth for everyone, we need quality education for young people, strong communities, and a healthy planet. To that end, we take a hands-on, collaborative approach to making change whether we are training teachers, volunteering in local organizations or designing energy efficient products.

Results that Matter

Evaluation conducted by the **EDC Center for Children and Technology** indicates the Intel Teach Program is facilitating change toward technology-rich, project-based instruction.

To review reports, please visit www.intel.com/education/evidenceofimpact

