

>> WELCOME OUR INTERPRETERS
THIS MORNING, CHRIS AND
CHRISTINA AND OUR TECH
SUPPORT, KRISTA.

THIS IS THE CHRIS, CHRISSIE
CHRIS SHOW.

(Laughter)

THIS SESSION WILL RUN 30
MINUTES WITH TEN MINUTES FOR
QUESTIONS AND ANSWERS.

THANK YOU VERY MUCH.

WELCOME, HARRY.

>> THANK YOU.

I'M GOING TO START BY SIGNING
AT THE SAME TIME FOR ANY DEAF
PEOPLE.

OKAY.

WEB SITE DEVELOPMENT AND
EVALUATION.

I WANT TO EXPLAIN A LITTLE BIT
ABOUT MYSELF.

I'VE BEEN HERE AT NTID FOR 33

YEARS, AND VERY, VERY INVOLVED
WITH SCIENCE, TEACHER
EDUCATION AND IN SERVICE.

I'VE DONE A LOT OF TRAVELLING
AROUND THE WORLD TRAINING
TEACHERS IN ACTUAL TEACHING
POSITIONS.

MASTERS PROGRAM HERE TO TRAIN
TEACHERS IN SCIENCE AND MATH.

OVER THE YEARS, I'VE ALSO
WORKED AS AN EDUCATION
RESEARCHER.

I'VE DONE A LOT OF RESEARCH ON
LEARNING STYLES AND ACTIVE
LEARNING CHARACTERISTICS OF
TEACHERS AND SO ON.

I REALLY WANT TO SHARE WITH
PEOPLE THIS KNOWLEDGE.

FOR THREE YEARS, I HAD A GRANT
FROM THE NATIONAL SCIENCE
FOUNDATION AND THE GRANT WAS
FOCUSED ON WORKSHOPS, SO I

WENT THROUGH THE PROCESS AND
EXPERIENCE OF LIVE WORKSHOPS.
WE HAD A GRADUATE CALLED THE
ACCESS TO ENGLISH AND SCIENCE
OUTREACH PROJECT, AND THERE'S
A LOT OF WORK TO PREPARE A
LARGE WORKSHOP IN ONE REGION,
FOR EXAMPLE SAN DIEGO,
MINNESOTA, NEW JERSEY,
DIFFERENT PARTS OF THE
COUNTRY, INTERPRETERS, HOTEL,
SCIENCE SUBSTITUTE TEACHERS,
WORKSHOPS.

IT WAS A LOT OF WORK.

AND MONTHS OF PREPARING.

...SNOWSTORM CANCELED OUR
WORKSHOP.

MANY TEACHERS WHO WANTED TO
COME TO THE WORKSHOP, THEY
TOLD ME THEY WISH THEY HAD
THAT INFORMATION ON A WEB
SITE.

A GRANT CALLED COMET,
MATHEMATICS ENGINEERING,
TECHNOLOGY AND SCIENCE.
THE IDEA WAS TO PUT A LOT OF
INFORMATION, TO DOWNLOAD 33
YEARS OF MY WORK.

I WANT TO SHOW YOU THE WEB
SITE, ABOUT THE EVALUATION
OBJECTIVE.

OKAY.

THIS WEB SITE.

MANY DIFFERENT AUDIENCES ON
THE WEB SITE.

FOR PEOPLE LIKE MYSELF, WHO
WORK IN UNIVERSITIES AND
SERVICE PEOPLE WHO ARE
PRINCIPALS OR SUPERVISING
TEACHERS, ANYONE WHO GETS TO
ACCEPT IN SCHOOL, HIGH SCHOOL
STUDENTS AND COLLEGE
FACULTIES.

RIGHT NOW WE HAVE-- WHEN I

GRADUATED FROM WESTERN
PENNSYLVANIA SCHOOL FOR THE
DEAF, NUMBERED ABOUT 500 DEAF
STUDENTS GOING TO COLLEGE, AND
THERE ARE ABOUT 350 AT NTID
YET TO BE ESTABLISHED.

NOW, IN 2003, WE HAVE ABOUT
26,000 DEAF AND
HARD-OF-HEARING STUDENTS IN
COLLEGE.

THAT'S THE GOOD NEWS.

THE BAD NEWS IS THAT
THREE-FOURTHS DO NOT FINISH
THEIR DEGREES.

WE NEED TO HELP NOT ONLY
PREPARE STUDENTS FOR COLLEGE
BUT ALSO HELP PROFESSORS IN
THE COLLEGES TO WORK WITH THE
STUDENTS.

WE HAVE REAL-TIME CAPTIONING,
INTERPRETERS, NOTE TAKERS AND
RESOURCES, BUT ALSO PARENTS.

VERY IMPORTANT.

EARLY INTERVENTION IS ONE OF
THE MOST IMPORTANT PRIORITIES.
I ALWAYS SUMMARIZE BY SAYING A
GRAM OF PREVENTION IS WORTH
GRAMS OF CURE.

(Laughter)

ALSO ADMINISTRATORS, PEOPLE
WHO WORK IN THE SCHOOLS NEED
SOME HELP.

ONE OF THE MOST SERIOUS
PROBLEMS THAT WE HAVE RIGHT
NOW IN SCIENCE AND MATH
EDUCATION IS THAT ABOUT 70 OR
80% OF OUR TEACHERS DO NOT
HAVE FORMAL EDUCATION IN
SCIENCE AND MATH, DEGREES OR
CERTIFICATION IS A SERIOUS
PROBLEM.

SO WE HAVE MANY TEACHERS WHO
ARE WHAT YOU CALL... TEACHING
IN THE SCHOOL.

THIS WEB SITE WILL REALLY HELP
PEOPLE.

FROM THE TOP, YOU SEE MANY
DIFFERENT TEACHERS,
ELECTRONICALLY SENT TO A
NETWORK OF TEACHERS.

THEY CAN ASK QUESTIONS.

MANY QUESTIONS ALREADY ASKED
BEFORE.

COMPREHENSIVE BIBLIOGRAPHY OF
HUNDREDS OF FABULOUS ARTICLES
AND BOOKS ON THE TOPIC OF
TEACHING SCIENCE AND MATH TO
DEAF STUDENTS.

IF YOU APPLY FOR A GRANT, GOOD
REFERENCES, RESEARCH.

REALLY TIME SAVERS FOR MANY
PEOPLE.

I DON'T KNOW IF ANY OF YOU
WERE HERE FOR THE PRESENTATION
W.P.S.T. TECHNOLOGY.
EMPHASIZING ACTIVE LEARNING.

THIS IS ONE EXAMPLE OF A
WORKSHOP WE HAVE.
IF YOU ARE GETTING WORKSHOP IN
YOUR SCHOOL AND YOU NEED SOME
INFORMATION, YOU DON'T HAVE TO
LOOK AROUND FOR A NATIONAL.
YOU CAN VISIT WORKSHOP, THE
WORKSHOP ON ACTIVE LEARNING,
FOR EXAMPLE, HAS OBJECTIVES,
ACTIVITIES AND PRIMARY
EMPHASIS THAT YOU HAVE TO MEET
WITH THE TEACHERS,
ACTIVITIES... POWERPOINT
SLIDES YOU CAN USE FOR THE
WORKSHOP.
THAT'S AN EXAMPLE OF ONE OF
MANY RESOURCES.
SO THE ISSUE FOR ME NOW IS ALL
THE WORK WE PUT INTO THIS, IS
IT REALLY HELPING?
NATIONAL SCIENCE FOUNDATION,
EXPECTATIONS.

CERTAINLY HAVE TO GO OUT,
INSTITUTIONALIZE.
THE MONEY'S GONE.
WE CAN'T LET THIS DIE.
WE HAVE TO FIND A WAY TO
CONTINUE IT, TO SUSTAIN IT.
SO ONE OF THE THINGS I PLAN TO
DO IS TO TAKE A LOT OF THIS
AND PUT IT INTO A BOOK FORMAT,
SO I INVITED A WOMAN CLAUDIA
PAGLIERO TO TAKE A LOT OF THE
INFORMATION WHERE ASSISTIVE
INFORMATION CAN BE SUSTAINED.
ALL RIGHT.
I HAVE THREE RESEARCH
EVALUATION QUESTIONS.
SCIENCE PRESENTATIONS AT THE
SAME TIME.
ONE OF THEM IS NOW PRESENTING
ON THE TOPIC OF SYNCHRONOUS
LEARNING.
THAT MEANS YOU HAVE TWO OR

MORE PEOPLE AT DIFFERENT
LOCATIONS COMMUNICATING AT THE
SAME TIME, ANY TIME, ANY
PLACE.

3:00 IN THE MORNING IN
CALIFORNIA OR 5 p.m. HAWAII.

YOU CAN GET THIS INFORMATION
ANY TIME, ANY PLACE.

I HOPE YOU ALL HAVE COPIES OF
THE HANDOUTS.

BASED ON OUR EXPERIENCES, THE
PRIMARY POSITIVE EXPERIENCE WE
HAVE, THIS REALLY WORKS WELL.
THE REACTION THAT PEOPLE HAVE.
AND HAVE SOME ANSWER AT THIS
COMPONENT.

FOR EXAMPLE, ON THE RED SIDE
YOU'LL SEE DISCUSSION BOARDS.

THE WEB SITE.

THAT'S ONE OF THE THINGS I HAD
TO LEARN ABOUT.

BE CAREFUL.

MAKE SURE YOU HAVE THE STATS
TO HANDLE IT.

PRIOR TO THIS GRANT, 200 TO
300 GRADE 8s EVERY YEAR.

PEOPLE WERE ASKING ME FOR
ADVICE ON CURRICULUM
DEVELOPMENT, TEACHING
PRACTICES.

I'M OVERWHELMED THAT I CAN'T
SIGN SCIENCE TERMS, MATH,
SCIENCE TERMS.

VERY OFTEN PEOPLE WERE
CONTACTING ME BECAUSE I HAD A
BOOK OF TECHNICAL SCIENCE AND
MATH AND SCIENCE, AND THOSE
WERE COLLECTED FROM AROUND THE
COUNTRY AND EVALUATED AND
COLLECTED.

AS YOU ALREADY KNOW, ASL SIGN
LANGUAGE EVOLVED THROUGH TIME.
THAT BOOK IS ALREADY OUTDATED.
BUT THE POINT IS THAT MANY

TEACHERS REALLY NEED SOME
GUIDELINES FOR COMBINING
SCIENCE AND ASL, WHATEVER
THEY'RE USING.

SO WE HAVE THE BEGINNING OF
GUIDELINES ON THIS WEB SITE.

I'M WORKING WITH THE AMERICAN
SCHOOL FOR THE DEAF RIGHT NOW
AND ANOTHER GRADUATE.

IF YOU'RE INTERESTED IN THIS,
THERE WILL BE A PRESENTATION
BY IVAR BABB FROM THE
UNIVERSITY OF CONNECTICUT.

HE'LL BE TALKING ABOUT
TECHNOLOGY.

ONE FORM OF TECHNOLOGY SIGN
AND COMMUNICATIONS FOR THREE
YEARS I'M HELPING HIM
ANALYZING HOW DEAF STUDENTS,
TEACHERS, HEARING STUDENTS
WORKING WITH THEM,
INTERPRETERS, SCIENCES WORKING

ON RESEARCH BOTH IN THE... TO
DO THEIR WORK.

THERE WILL BE SOME WORK THIS
AFTERNOON.

THE WEB SITE HAS A LOT OF
INFORMATION ABOUT TECHNICAL
SCIENCE.

ALL YOU HAVE TO DO IS GO TO
THE INTERNAL SEARCH ENGINE AND
TYPE THE WORD TECHNICAL SIGN
OR ACTIVE LEARNING.

WE HAVE MANY DIFFERENT
ORGANIZED INFORMATION.

WE HAVE A SITE MAP.

WE HAVE TABLE OF CONTENTS.

WE HAVE INTERNAL SEARCH
ENGINE.

SO IT SHOULD BE PRETTY EASY TO
FIND WHAT YOU'RE LOOKING FOR.

IN ROCHESTER, THERE HAVE BEEN
TEACHERS THAT REALLY HAVE
THREE CHOICES.

ONE IS LIVE WORKSHOPS.
THERE ARE SOME ADVANCES
THROUGH LIVE WORKSHOPS THAT
COMMUNICATION CAN BE WONDERFUL
WITH DISCUSSIONS AND SO ON.
ASYNCHRONOUS WORKSHOPS.
WITH SYNCHRONOUS WORKSHOPS,
COMMUNICATE THROUGH I.S.D..
THERE ARE PLUSES AND MINUSES
TO THAT ALSO.
GROWTH OF THIS PROJECT.
ONE IS TO PROVIDE
COMPREHENSIVE RESOURCES TO
EVALUATE THE QUALITY OF THE
INFORMATION AND HOW HELPFUL IT
IS.
AND TO DEVELOP A NATIONAL
PUBLIC ASSISTIVE REFORM.
THAT MEANS WE WANT TO BRING
THE BARRIER ORGANIZATIONS ON A
PROJECT LEVEL, NOT A HUGE
NATIONAL LEVEL.

IT'S JUST ON A PROJECT LEVEL.

FOR EXAMPLE, IN EDUCATION WE
HAVE C.A.I.D., C.E.A.S.D.

WE HAVE AMERICAN SOCIETY OF
DEAF CHILDREN.

WE HAVE VARIOUS ORGANIZATIONS
FOR THE DEAF.

IN SCIENCE WE HAVE NATIONAL
SCIENCE TEACHERS' ASSOCIATION.
STAFF MEMBERS.

MANY OF THEM HAVE LEARNED THAT
ONE HARD-OF-HEARING IN THE
CLASS AND THEY NEED
INFORMATION.

WE HAVE ASSOCIATION OF BIOLOGY
TEACHERS, NATIONAL COUNCIL OF
TEACHERS IN MATHEMATICS.

THEY NEED HELP.

THEY NEED INFORMATION.

THERE ARE VARIOUS
ORGANIZATIONS FOR THEM NOT
OPEN TO RECEIVE BUT TO SHARE

THEIR EXPERTISE, TOO.

THE INFORMATION IS NOT JUST
BASED ON PERCEPTIONS BUT
EDUCATIONAL RESEARCH, IN
RELATION TO ACTIVE LEARNING AS
AN EXAMPLE.

WHEN YOU COMPARE TEACHERS AND
STUDENTS THAT ARE LEARNING...

MOTIVATING.

WE HAVE EXAMPLES OF TEACHERS,
NOT JUST NEW TEACHERS BUT
EXPERIENCED TEACHERS CAN
BENEFIT FROM THE GUIDELINES.

THERE'S SOME EXAMPLES OF
WORKSHOPS.

I ALREADY MENTIONED ACTIVE
LEARNING.

SELF-EFFICACY, REALLY, REALLY
IMPORTANT TO US BECAUSE WE ARE
FINDING THAT EVERY ONE OUT OF
FOUR DEAF STUDENTS DOESN'T
FINISH THEIR DEGREE.

ACADEMIC PREPARATION IS THE
PRIMARY REASON, ONE OF THE
MOST POWERFUL... FOR A DEAF
STUDENT DROPPING OUT OF
COLLEGE, CAREER EDUCATION.
THEY ARRIVE TO COLLEGE, CHOOSE
THEIR MAJORS.
THEY NEVER... MUCH ABOUT
THEMSELVES BEFORE THEY CAME TO
COLLEGE.
THEY DON'T REALIZE THE VARIOUS
REQUIREMENTS FOR A FIELD THAT
THEY WANT TO STUDY.
AND MANY, MANY STUDENTS ARE
DROPPING OUT OF COLLEGE
BECAUSE THEY DON'T HAVE
PREPARATION, CAREER,
EDUCATIONAL ARENAS WHICH
CAREERS ARE POSSIBLE FOR THEM,
THEIR APTITUDE.
WE OFFER A WORKSHOP THAT WILL
HELP TEACHERS TO GET IDEAS TO

INDUCING CAREER DEVELOPMENT
AND ACADEMIC DEVELOPMENT AT
THE SAME TIME.

WE ALSO HAVE A RED PAGE FOR...
WE ENCOURAGE TO READ ARTICLES
PUBLISHED ON THE WEB.

ONE SCHOOL IN NEW JERSEY FOR
EXAMPLE HAS A THREE-YEAR
PROJECT, AND THE KIDS KEPT AND
LOGGED THE DATA AND THEY
PUBLISHED IT ON THE WEB.

I PASSED OUT PAPERS OF THE
SCIENCE CONSIDERATIONS.

YOU CAN CONTACT ME AFTER THE
WORKSHOP AND PRESENTATION IF
YOU HAVE ANY QUESTIONS.

I HAVE SOME REALLY GOOD HELP,
RECOMMENDATION THAT WE HAVE IN
THIS WORKSHOP... UNBELIEVABLE
HOW MANY TECHNICAL PROBLEMS
COME UP.

I WILL DESCRIBE IT TO YOU.

WE HAVE ACCESS TO BLIND AND
GUIDED PEOPLE REQUIRED BY RIT
THAT THE WEB BE ACCESSIBLE TO
EVERYONE.

WE HAVE LARGE PRINT OF ALL
INFORMATION TO SIGHTED PEOPLE.
AND EVERY BUTTON LINK AND
EVERY PHOTOGRAPH IS DESCRIBED
SO THAT A BLIND PERSON CAN
HEAR THE DESCRIPTION OF WHAT
THE GRAPHIC IS.

BY A SPECIAL CONSULTANT WHO
DELEGATES.

NOW, EVALUATING THIS WEB SITE,
JUST A FEW OF THE AUDIENCES.
TEACHERS, TRADE SERVICE AND
IN-SERVICE.

EVALUATION IS ON-LINE SO THAT
THE PERSON COULD LOOK AT THE
WEB SITE, GO BACK TO THE
QUESTION AND RESPONSES.

WE EVALUATED MANY ASPECTS,

MANY DIMENSIONS OF THE WEB
SITE, HOW YOU MOVE AROUND, THE
QUALITY OF THE INFORMATION.

INTERESTING THAT ABOUT FOUR
OUT OF TEN PEOPLE IN GENERAL
ON THE WEB... BASING OUR
INFORMATION ON WEB RESEARCH
AND EDUCATION.

WE HAD A VARIETY OF WAYS TO
COLLECT DATA.

THE ON-LINE SURVEY WITH MORE
THAN 50 PROFESSIONALS
RESPONDING.

WE HAD OPEN-ENDED QUESTIONS.

WE HAD SCALE RATING.

UNOBTRUSIVE OPERATIONS.

HOW DO I EXPLAIN THIS?

YOU CAN GET AN IDEA OF THE
VARIOUS DIMENSIONS THAT WE
EVALUATED.

THE PAGE ON... TEACHERS.

THIS IS MORE ORGANIZATIONAL

FOR THE GRANT PROJECT ITSELF.
THE IDEA IS BRINGING TOGETHER
ORGANIZATIONS.

I THINK THE QUALITATIVE DATA
WILL BE MORE HELPFUL TO US,
HUNDREDS AND HUNDREDS OF
COMMENTS.

I ONLY INCLUDED A FEW.
BUT DEFINITELY THE DATA SHOWS
THAT THIS INFORMATION IS VERY
MUCH USEFUL AND APPRECIATED BY
PEOPLE.

THERE'S ONE PLACE YOU CAN GO
AND FIND A LOT OF INFORMATION.
THERE'S A LOT OF EVIDENCE IN
THE COMMENTS THAT PEOPLE WERE
USING IT-- THE GRANT... PEOPLE
WHO FOUND THE WEB SITE AND
SENDING COMMENTS SAID THEY
REALLY APPRECIATED IT.
OFTEN THEY ASKED FOR MORE
INFORMATION.

THAT'S ONE OF THE THINGS.
DOESN'T MATTER HOW MUCH YOU
PUT ON THE WEB, THAT THERE
WILL BE PEOPLE WHO NEED MORE.
IF YOU'RE PLANNING SOMETHING
LIKE THIS, BE SURE TO HAVE THE
STAFF TO HELP YOU ANSWER
QUESTIONS, STAFF TO HELP YOU
WITH THE TECHNICAL PROBLEMS,
MANY OF THEM.
JUST A FEW EXAMPLES.
USE OF TECHNOLOGY, WANT MORE
ON BILINGUAL STRATEGIES.
SCIENCE AND MATHEMATICS.
MORE INFORMATION ABOUT
TEACHING YOUNGER DEAF
STUDENTS.
I HAVE SUBMITTED AN INTERIM
REPORT TO THE NATIONAL SCIENCE
FOUNDATION.
THAT WAS 60 SINGLE-SIDED PAGES
AND SUMMARIZED MANY, MANY OF

THE COMMENTS TRYING TO
ANALYZE, BUT AT THE SAME TIME
CHANGES IN THE GOVERNMENT
MONEY BECAUSE IT MIGHT BE HARD
TO FIND MORE MONEY TO SUPPORT
THIS PROJECT.

BUT IT'S THERE WHAT WE HAVE
BUILT IN SEVEN YEARS, VERY
HELPFUL.

WE HAVE A DEAF... VERY HELPFUL
COMMENTS INSTEAD OF ASKING FOR
IT.

CORRESPONDS EVIDENCE OF PEOPLE
WHO ARE APPLYING
INFORMATION... SCHOOL FOR THE
DEAF INSTRUMENTAL ACTIVE
LEARNING COMBINE THE
TECHNOLOGY... INFORMATION FROM
THE WEB SITE AND TOOK OFF WITH
IT.

A VERY IMPRESSIVE PROJECT.
ANOTHER EXAMPLE OF EVALUATION

RISK BEING RECOGNIZED BY
DIFFERENT ORGANIZATIONS
ACTIVELY LOOK FOR EXCELLENCE
ON THE WEB.

THERE ARE DIFFERENT
ORGANIZATIONS...

THE CONCEPT OF NETWORKING...

M.O.S. SHARE IMPRESSIVE AND
INVESTING.

I'LL GIVE YOU ONE EXAMPLE.

WE HAD A PERSON WHO FOUND THE
WEB SITE, AND HE HAD BEEN
DOING RESEARCH ON MARKET MEDIA
AND SCIENCE AND HE ASKED TO
COLLABORATE WITH MY RESEARCH.

I'VE NEVER SEEN MORE EXCITING
RESEARCH.

HE HAS DONE THREE STUDIES,
PHYSICAL SCIENCE, CHEMISTRY
AND EARTH SCIENCE, AND IN EACH
OF THOSE STUDIES, SCHOOLS FOR
THE DEAF, AND HE COMPARED

MULTIMEDIA TO TRADITIONAL
CLASSES, AND EACH OF THOSE
STUDIES WERE... ASSESSMENT.
EACH OF THE STUDIES SHOWED THE
ADVANTAGE FROM THE MULTIMEDIA
SYSTEM KIND OF WHAT YOU CALL
SYNERGISTIC EFFECTIVE SIGNING
TEXT GRAPHICS COMING TOGETHER.
THEY MADE A DIFFERENCE.
THERE'S ONE OF MANY EXAMPLES
THAT COLLABORATE.
I LIKE WHAT YOU'RE DOING.
HERE'S WHAT I'M DOING.
SHARING IDEAS, NETWORKING.
I HAVE PLANS TO GO
INTERNATIONAL WITH THIS
PROJECT, BUT MANY PEOPLE-- ONE
EXAMPLE, FROM SOUTH AFRICA,
ASKED IF THEY COULD USE THE
WORKSHOPS WITH HEARING
STUDENTS.
I SAID I CAN'T THINK OF ONE

THING SPECIAL ABOUT THE DEAF
OTHER THAN BEING VERY VISUAL
LEARNERS... VERY BENEFICIAL TO
HEARING STUDENTS ALSO, SECOND
LANGUAGE LEARNERS.

I DON'T KNOW IF YOU ARE
EXPERIENCED WITH... BUT MANY,
MANY PEOPLE... TO AVOID SPAM.
A LIST OF THE PEOPLE WHO
ORIGINALLY JOINED THE NETWORK.
WHAT HAPPENED IS E-MAIL,
NEWSLETTERS WOULD COME BACK TO
US.

EVERY MONTH TEN PEOPLE HAD
SENT THE E-MAILS.

IT IS THEIR RESPONSIBILITY TO
CONTACT US AGAIN AND JOIN WITH
THEIR NEW E-MAIL ADDRESS.

ONE EXAMPLE OF THE PLATFORM
PROBLEM.

THERE'S A WEB SITE.

I OFTEN USE A MacINTOSH P4 BUT

I HAVE A DELL P.C. FOR THIS
PROJECT.

THERE'S LIKE A BUTTON YOU
PRESS ON THE WEB SITE.

IF YOU PRESS ON THE LEFT SIDE,
IT WILL WORK WITH THE MAC AND
NETSCAPE.

IF I GO INTO "I," I CAN PRESS
ANYWHERE AND THE BUTTON WILL
WORK.

OFTEN WE FIND THAT, IF YOU
HAVE H.T.M.L. AT THE END OF
THE ADDRESS, YOU HAVE TO
CHANGE IT TO H.T.M.

THERE'S MANY, MANY THINGS
ABOUT HOW YOU PUT UP THE
MOVIE.

IF YOU HAVE "M-O-V." OR OTHER
FORMS, REALPLAYER.

WE HAVE TO REEVALUATE THAT.

WE HAVE TO ASK PEOPLE TO
DOWNLOAD A PATCH WITH TEXT, A

PATCH WITH PICTURES, A MOVIE,
AND TO ACTUALLY GIVE US THE
SERIES HOW LONG IT REQUIRES
BECAUSE I'M SURE ALL YOUR
EXPERIENCE IF YOU HAVE TRIED
TO DOWNLOAD SOMETHING, IT
TAKES FOREVER, ESPECIALLY IF
YOU USE A MODEM, AND YOU JUST
SAY FORGET IT.

WE DON'T WANT THAT TO HAPPEN
IF YOU HAVE VALUABLE
INFORMATION TO SHARE.

WE DON'T WANT TO TURN OFF
PEOPLE, SO WE HAD TO THINK
ABOUT THIS.

WITH DOWNLOADING MAC... IN
RELATION TO THE TIME OF DAY
HOW BUSY THE SERVER IS THAT
YOU USE.

IF YOU'RE AT A SCHOOL OR
UNIVERSITY, SOMETIMES MANY
STUDENTS USE IT AT DIFFERENT

TIMES OF THE DAY.

NOT A GOOD TIME TO SIGN ONTO
THE WEB SITE.

SO I HAVE THREE
RECOMMENDATIONS ON THE PAPER I
HANDED OUT TODAY.

MAKE SURE YOU HAVE ADEQUATE
SPACE.

ESTABLISH LIMITATIONS FOR YOUR
SOFTWARE.

TRY YOUR BEST TO HAVE QUICK
RESPONSE TIMES.

MAKE SURE YOU HAVE SOMEONE
WITH CREDENTIALS THAT PEOPLE
WILL BELIEVE IN IN RELATION TO
THE INFORMATION THAT YOU PUT
ON THE WEB.

THERE'S NOTHING WORSE THAN
BROKEN LINKS, AND IT'S NOT
ALWAYS YOUR FAULT BECAUSE
OTHER PEOPLE, IF YOU LINK YOUR
WEB SITE TO OTHERS, THEIR

LINKS WILL BREAK OFTEN, SO BE CAREFUL ABOUT THAT ALSO.

MAKE SURE-- IT DIDN'T MATTER THAT WE HAD SITE MAPS, SEARCH ENGINES AND TABLE OF CONTENTS.

SOME PEOPLE WERE STILL LOST.

THEY COULDN'T FIND WHAT THEY WERE LOOKING FOR.

SO, IN SUMMARY, WE HAVE LOTS OF DATA, LOTS OF EVIDENCE THAT THIS KIND OF APPROACH TO INFORMATION DECIMATION IS VERY EFFECTIVE NOT ONLY WITH DEAF.

YOU CAN DEFINITELY USE IT... I FOUND THAT OUT THE HARD WAY. SOMETIMES IT'S HARD TO KEEP UP.

SO ARE THERE ANY QUESTIONS YOU HAVE ABOUT THIS WEB SITE?

>> IF YOU HAD MORE TIME AND MORE MONEY, WHAT WOULD YOU LIKE TO DO?

HOW WOULD YOU CONTINUE AND
GROW OR MAINTAIN IT?

>> IF WE HAD MORE TIME AND
MORE MONEY, WHAT WOULD I DO TO
EXPAND IT?

DEFINITELY I WOULD NEED TO
HAVE A TEAM OF PEOPLE WHO CAN
DEAL WITH IT, BECAUSE THERE
ARE MANY... OFTEN QUERY,
LOOKING FOR INFORMATION AT
TIMES, AND OFTEN A QUERY WILL
RESULT IN E-MAILS AND I JUST
WANT THE PEOPLE TO FOLLOW UP,
MY STAFF.

THERE IS SO MUCH MORE WE CAN
SHARE ON THIS WEB SITE.

I WOULD LIKE TO ALSO EVALUATE
THE OTHER AUDIENCES.

FOR EXAMPLE I MENTIONED... SO
I NEED TO SEE WHAT THEY THINK.

FOR EXAMPLE, WE HAVE THINGS
FOR SCHOOL IDEAS AND WEB

PAGES, MATH PROBLEM SOLVING OR
SOME BASIC SCIENCE FOR THE
STUDENTS.

FIND IT USEFUL.

WE NEED TIME AND MONEY FOR
THIS PROJECT.

FOR EXAMPLE WITH INTERPRETERS
TRANSLATE GUIDELINES FOR
TEACHERS, SIGNING TECHNICAL
TERMS.

THE MAIN QUESTIONS.

OTHER QUESTIONS?

>> DO YOU HAVE ANY OTHER
ADDITIONAL IDEAS IN TERMS OF
THE ABILITY TO CREATE THE
CERTIFICATION OF DEAF
EDUCATION TEACHERS IN MATH AND
SCIENCE?

ANY IDEAS OF HOW TO COST THAT
IN THE BEST POSSIBLE WAY?
TO INCREASE THE CERTIFICATION,
TO INCREASE THE NUMBER OF

CERTIFIED INDIVIDUALS IN
SCIENCE AND MATH?

>> CERTIFICATION IS ONE ISSUE.

THE REAL ISSUE IS HAVING
TEACHERS WITH CONTENT, THE
NUMBER ONE PRIORITY.

THE CERTIFICATION EDUCATION OF
THE DEAF WORKED WITH THE
REQUIREMENTS... EXPECTATIONS
FOR TEACHERS.

SO THEN WE HAVE PEOPLE WITH
DEGREES, WITH CERTIFICATION.

THIS IS NOT A PROBLEM WITH
JUST THE SCHOOLS FOR THE DEAF.

IN THE RECENT NATIONAL SURVEY,
MATH TEACHERS OF THE DEAF,

FIRST MAIN STREAM AND

RESIDENTIAL, WE FIND THAT

RESIDENTIAL SCHOOLS, THE

AVERAGE IS ABOUT 40 TO 50% OF

THE MATH TEACHERS HAVE

CERTIFICATION AND DEGREES...

WE HAVE DIVIDED THE ENERGY OF
THESE SELF-CONTAINED CLASSES
WITH DATA.

70 TO 80% CERTIFIED WITH
DEGREES....

THERE'S LESS THAN 10% OF THOSE
TEACHERS HAVE CERTIFICATION.

THEY HAVE DEGREES IN DEAF
EDUCATION.

THAT CONCERNS ME.

AND THEY KNOW THE LANGUAGE OF
DEAFNESS AS AN EDUCATIONAL
CONDITION... CERTIFICATION
CHANGES THE REQUIREMENTS...

ABOUT THE PROBLEM.

WE NEED TO TRAIN TEACHERS TO
USE THE WEB TO PREPARE FOR
CLASSES.

THERE ARE SOME EXCELLENT SITES
ON THE WEB.

I HAVE TO STOP NOW.

THANK YOU FOR COMING.

(Applause)

>> THANK YOU, HARRY.

THAT WAS REALLY INTERESTING.

WE DO CARE ABOUT WHAT YOU
THINK.

AT THE BEGINNING OF THE
SESSION, YOU SHOULD HAVE
PICKED UP EVALUATION FORMS.
YOU MAY COMPLETE A PAPER
EVALUATION OR WE ENCOURAGE YOU
TO GO TO THE LEARNING CENTER
ON THIS FLOOR TO COMPLETE AN
ELECTRONIC EVALUATION.

IN EITHER CASE, BE SURE TO
NOTE THE SESSION NUMBER.

THIS IS SESSION W11C.

I ALSO WANT TO DRAW YOUR
ATTENTION TO THE GREEN
RECOMMENDATION FORM IN YOUR
HANDOUT AND IN YOUR BAG.

IT'S CALLED RECOMMENDATIONS
FOR THE FUTURE.

KEEP IT AS YOU GO THROUGH THE
SESSIONS DURING THE ENTIRE
SYMPOSIUM AND JOT DOWN NOTES
WHEN THEY STRIKE YOU.

THERE WILL BE A RECOMMENDATION
SESSION ON FRIDAY.

THIRD AND MOST IMPORTANTLY,
FOOD.

YOU SHOULD HAVE IN YOUR PACKET
FOOD TICKETS.

TODAY IS HOT PINK.

THESE ARE GOOD AT THE DINING
COMMONS.

IF YOU GO OUT THIS DOOR, OUT
THE BACK OF THE BUILDING, DOWN
THE STAIRS AND OUT THE BACK OF
THE BUILDING, INTO THE QUAD
THAT'S OUT THERE, ENTER THE
BUILDING ON YOUR RIGHT.

THE COMMONS IS ON THE SECOND
FLOOR OF THAT BUILDING.

THE NEXT SESSIONS WILL BEGIN

PROMPTLY AT 2:00.

ENJOY YOUR LUNCH.

[Close](#)