

**Assessment & Technology Forum**

- *San Antonio, Texas*
- *June 14, 2002*

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*Welcome*

- ISTE's First Annual **Assessment & Technology Forum**
- Sponsored by ISTE's PT3 Catalyst Grant: **Community & Assessment in PT3**

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*Many Thanks to the Planning Committee*

- **Helen Barrett**, U. of Alaska Anchorage
- **David Niguidula**, Ideas Consulting
- **Hilarie Davis**, Technology & Learning Consortium
- **John Ittelson**, CSU Monterey Bay
- **Doug Daniel**, ISTE
- **Chris Traver**, ISTE

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*Housekeeping Items*

Overview of Agenda.

Attendee folders contents

- Agenda
- Speaker Bios
- Attendee Lists
- Evaluation
- Model Release form
- Match forms

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*Thanks to Palm*

Thanks to Jolaine Harbour and PALM for providing the Palms for the day

Use them to record your table reflections and "beam" them to Facilitator on the Podium

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*After all of the breakout sessions*

Evaluation process at end of day

Please come back to ballroom for door prize drawings and final comments.

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### *Opening Comments*

- Objective in PT3 grant:  
Conduct at least one annual national Development Symposium on:  
**Using Technology to Support Assessment in Teacher Education**  
in conjunction with a national or international technology conference

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### *Our Goals - 1*

- You will have a better understanding of the options available for using technology to support authentic assessment

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### *Our Goals - 2*

- You will be a part of a national conversation on the use of technology for supporting authentic assessment and electronic portfolios

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### *Our Goals - 3*

- You will consider the broader use of technology as a tool to assess learning using portfolios, surveys or observation tools.

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### *Our Goals - 4*

- You will have the opportunity to critique existing electronic portfolios and explore key issues involved in developing an authentic assessment program that will meet your needs.

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### *Basic Definitions and Assumptions*

- Build a common vocabulary as we go through the portfolio development process.
- Underlying philosophy provides a framework for our discussion today.

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## *What is a Portfolio in Education?*

- A portfolio is a purposeful collection of student work that exhibits the student's efforts, progress and achievements in one or more areas [*over time*].

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(Northwest Evaluation Association, 1990)

- The collection must include student participation in selecting contents, the criteria for selection, the criteria for judging merit, and evidence of student self-reflection.

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## *What is an Electronic Portfolio?*

- uses electronic technology as the **container**
- allows students/teachers to collect and organize portfolio artifacts in many media types (**audio, video, graphics, text**)
- using **hypertext links** (or a database) to organize the material
- connecting evidence to appropriate standards (*in a standards-based portfolio*)

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## *Portfolio Purposes*

- The literature on Teaching Portfolios discusses multiple purposes:
  - Learning (Formative)
  - Assessment (Summative)
  - Employment (Marketing)

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## *Professional Portfolios for Teachers*

*Wilcox & Tomei (1999) Christopher-Gordon Publishers, Inc.*

...extends the possibilities for portfolios in education by going beyond assessment, learning, and professional development to the use of the portfolio as a living history of a teaching-learning life. (p.5)

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## *Dr. Mary Diez' Metaphors*

*(Alverno College)*

The portfolio as



# Mirror

Captures the reflective nature of the portfolio  
Allows students to "see" themselves over time


Diez, Mary (1994) "The Portfolio: Sonnet, Mirror and Map" in Burke, Kay, ed. (1996) *Professional Portfolios*.  
Starlight Training & Publishing

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*Dr. Mary Diez' Metaphors*  
(Alverno College)

The portfolio as




**Map**

Creating a plan and setting goals


Diez, Mary (1994) "The Portfolio: Sonnet, Mirror and Map" in Burke, Kay, ed. (1996) *Professional Portfolios*. Skylight Training & Publishing.

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*Dr. Mary Diez' Metaphors*  
(Alverno College)

The portfolio as




**Sonnet**

Provides a framework, but the contents can showcase creativity and diversity

Diez, Mary (1994) "The Portfolio: Sonnet, Mirror and Map" in Burke, Kay, ed. (1996) *Professional Portfolios*. Skylight Training & Publishing.


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*Two Directions in Electronic Portfolio Development*

<p><b>Generic tools approach</b></p> <ul style="list-style-type: none"> <li>• Using off-the-shelf software           <ul style="list-style-type: none"> <li>▪ Microsoft Office</li> <li>▪ Multimedia authoring</li> <li>▪ Adobe Acrobat PDF</li> <li>▪ HTML (Web Pages)</li> </ul> </li> </ul>	<p><b>Customized systems approach</b></p> <ul style="list-style-type: none"> <li>• Designing a networked system</li> <li>• Buying a proprietary software package</li> <li>• Database environment</li> </ul>
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*Issues to Consider*  
(based on SITE 2002 papers)

- Do students provided with a static template, or a dynamic web-based database, develop the same technology skills as those students who must create their own structure using common software tools?


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*Issues to Consider*  
(based on SITE 2002 papers)

- When the portfolio is highly structured to meet the educational organization's need for uniformity in assessment data, does it lose the creativity of expression that has been a hallmark of paper portfolios for years?


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*Issues to Consider*  
(based on SITE 2002 papers)

- What are the trade-offs between scaffolding the development process with templates or data bases, and the learning that can result from students constructing their own hyper-linked portfolios?

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***Electronic Portfolio  
Gallery Walk***



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***Electronic Portfolio Gallery Walk***

- Real-world applications are powerful examples
- We wanted to show you many examples of electronic portfolios in various stages of development
- Electronic Portfolios today are where online Course Management systems were in 1996.



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- We appreciate these Gallery Walk presenters for sharing their models and experiences with us.



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***Electronic Portfolio Gallery Walk***


- David Niguidula and Hilarie Davis will introduce the Electronic Portfolio Gallery Walk



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***Above all else:***

**May your  
electronic portfolios  
become dynamic  
celebrations of learning  
across the lifespan!**




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**Thank you**



- ▶ For more information go to [www.iste.org](http://www.iste.org)  
*Thank you*
- **Dr. Helen Barrett**, Project Co-Director  
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