Using ePortfolios to Assess PhD Competencies

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a bit about me

Our daughters Lindsay and Nicole

PHN Public Health Nursing

Chair, Quad Council of PHN organizations

APHA American Public Health Association

Immediate Past Chair Public Health Nurse Section

Associate Professor

University of MI Field Hockey Alum

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Outline

- Background on IU Richard M Fairbanks School of Public Health
- Background Health Policy and Management PhD
- The course H775
- Examples of ePorfolios
- Student feedback on the use of ePorfolios

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IU Fairbanks School of Public Health

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Background IU FSPH

- Started as a Department in the IU School of Medicine based on the IUPUI campus
- Became the IU Richard M Fairbanks School of Public Health in September 2012
- Received Council on Education for Public Health accreditation for the school in June 2015
- Offers 10 degrees programs in public health and health administration

Background-HPM PhD

- PhD in HPM first admitted students fall of 2011
- 90 credits
- Two graduates, 6 PhD (c)
- Students have backgrounds in MPH, MHA, MBA, JD, MSN, MS in health education, community health, BS

HPM PhD Competencies

- Demonstrate in-depth knowledge of the history, structure and operation of health care systems domestically and internationally
- Understand and apply bioethical principles and theories and utilize them in research policy and practice
- Design and conduct health policy and services research studies
- Access, manage and utilize administrative and other secondary data sources in research studies
- Analyze and evaluate polices and programs
- Prepare grant applications and manage research projects
- Utilize and report the results of advanced quantitative and qualitative data analysis
- Interpret and report the findings of original research for scholarly audiences
- Translate and apply findings from original and existing research in policy and practice.
- Educate and train students and professionals about health policy and management

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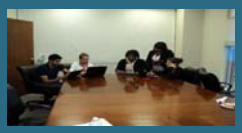
H775 Professional Role Seminar

- Required 1 credit seminar usually in 3rd year
- Speakers-journal entry
- "Job talk" with (peer review)
- Abstract or article submission
- ePortfolio with (peer review)



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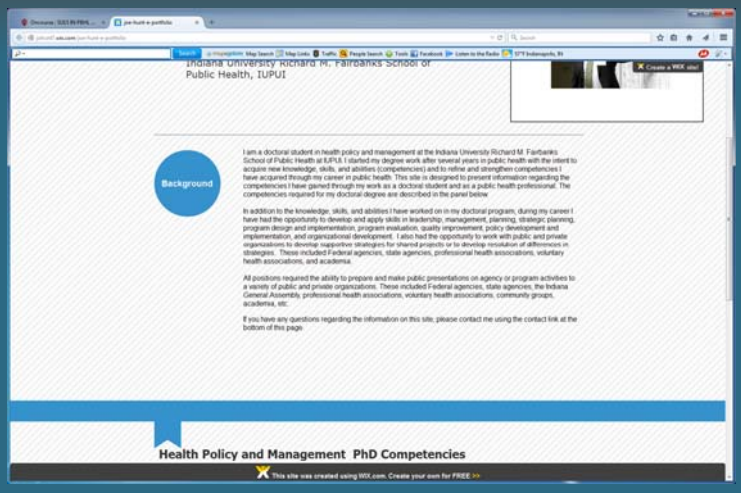
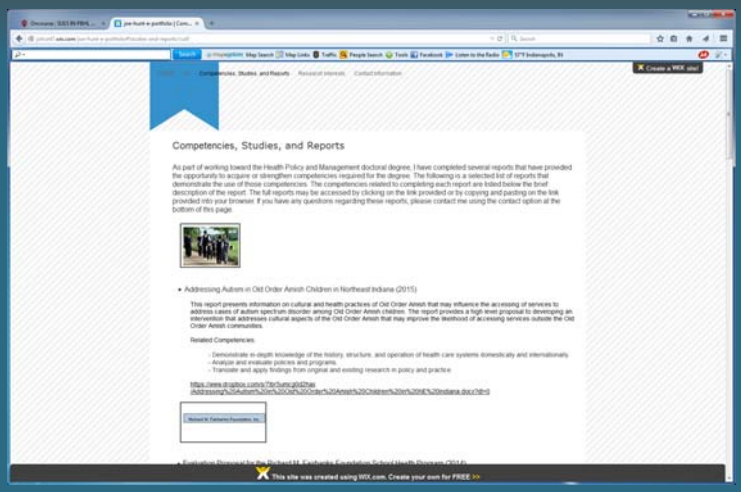
ePortfolio Assignment

- WIX.com
- Minimally 4 pages
  - Home page
  - Resume/CV page
  - Project page tied to PhD competencies
  - Contact page

Home Page Example



Competencies/Projects Example



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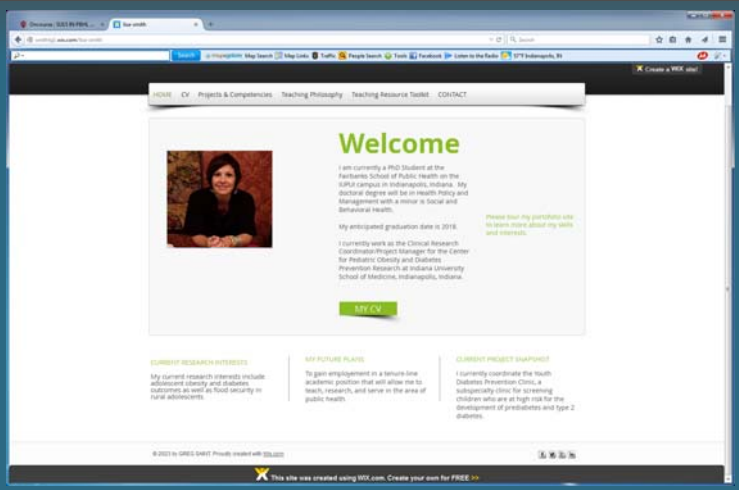
Home Page example



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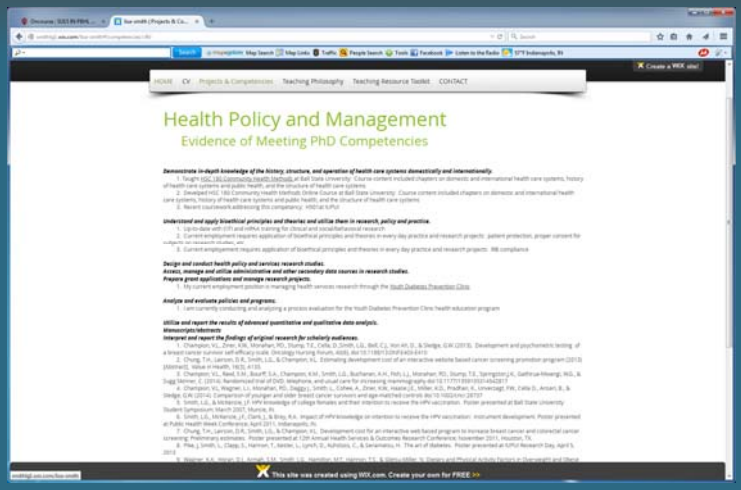
Competencies/Project Example



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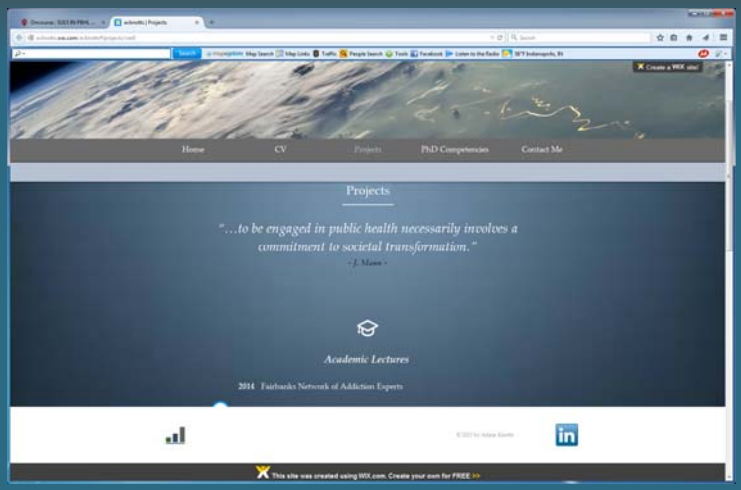
Home Page Example



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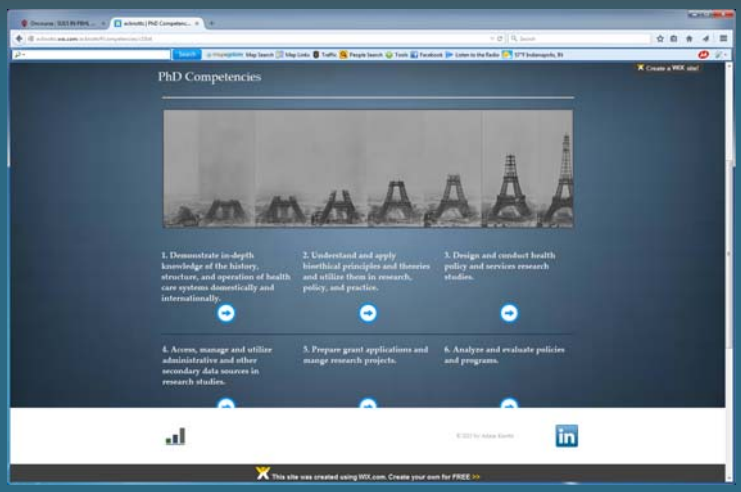
Competencies/Projects Example



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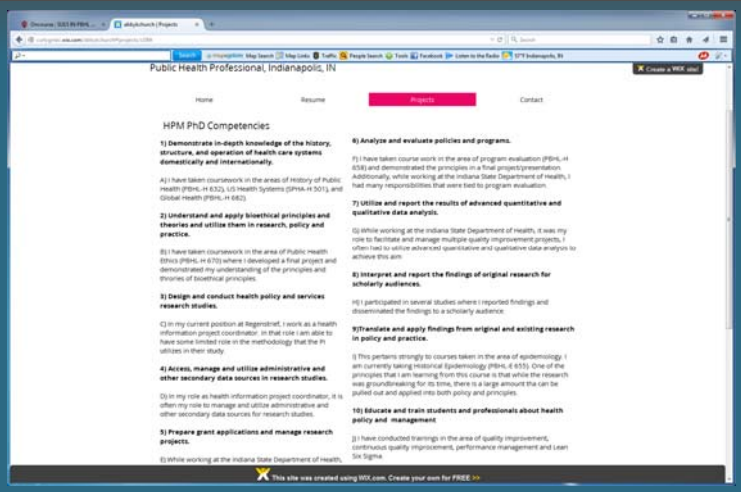
Competencies/Project Example



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Example of ePortfolios

- Competencies, Studies, and Reports:
- As part of working toward the Health Policy and Management doctoral degree, I have completed several reports that have provided the opportunity to acquire or strengthen competencies required for the degree. The following is a selected list of reports that demonstrate the use of those competencies. The competencies related to completing each report are listed below the brief description of the report. The full reports may be accessed by clicking on the link provided or by copying and pasting on the link provided into your browser. If you have any questions regarding these reports, please contact me using the contact option at the bottom of this page.

- https://www.dropbox.com/s/7lbr5umcg0d2hax

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Examples of ePortfolios

- Addressing Autism in Old Order Amish Children in Northeast Indiana (2015)
- This report presents information on cultural and health practices of Old Order Amish that may influence the accessing of services to address cases of autism spectrum disorder among Old Order Amish children. The report provides a high level proposal to developing an intervention that addresses cultural aspects of the Old Order Amish that may improve the likelihood of accessing services outside the Old Order Amish communities.

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Examples from ePortfolios

- Related Competencies:

- Demonstrate in-depth knowledge of the history, structure, and operation of health care systems domestically and internationally.

- Analyze and evaluate policies and programs.

- Translate and apply findings from original and existing research in policy and practice.

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Student Example of ePortfolio assignment

- **Health Policy and Management**
- **Evidence of Meeting PhD Competencies**
-
- ***Demonstrate in-depth knowledge of the history, structure, and operation of health care systems domestically and internationally.***
- **1. Taught HSC 180 Community Health Methods at Ball State University: Course content included chapters on domestic and international health care systems, history of health care systems and public health, and the structure of health care systems**
- **2. Developed HSC 180 Community Health Methods Online Course at Ball State University: Course content included chapters on domestic and international health care systems, history of health care systems and public health, and the structure of health care systems**
- **3. Recent coursework addressing this competency: H501at IUPUI**
-

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Student Example of ePortfolio

- ***Understand and apply bioethical principles and theories and utilize them in research, policy and practice.***
- 1. Up-to-date with CITI and HIPAA training for clinical and social/behavioral research
- 2. Current employment requires application of bioethical principles and theories in every day practice and research projects: patient protection, proper consent for subjects on research studies, etc
- 3. Current employment requires application of bioethical principles and theories in every day practice and research projects: IRB compliance
-
- ***Design and conduct health policy and services research studies.***
- ***Access, manage and utilize administrative and other secondary data sources in research studies.***
- ***Prepare grant applications and manage research projects.***
- 1. My current employment position is managing health services research through …
-

Student example ePortfolio

- ***Analyze and evaluate policies and programs.***

1. I am currently conducting and analyzing a process evaluation for the Youth Diabetes Prevention Clinic health education program

- ***Utilize and report the results of advanced quantitative and qualitative data analysis.***
- ***Manuscripts/abstracts***
- ***Interpret and report the findings of original research for scholarly audiences.***
- - listed journal articles

Student Example of ePortfolio

- HPM PhD Competencies
- 1) Demonstrate in-depth knowledge of the history, structure, and operation of health care systems domestically and internationally.
- A) I have taken coursework in the areas of History of Public Health (PBHL-H 632), US Health Systems (SPHA-H 501), and Global Health (PBHL-H 682).
- 2) Understand and apply bioethical principles and theories and utilize them in research, policy and practice.
- B) I have taken coursework in the area of Public Health Ethics (PBHL-H 670) where I developed a final project and demonstrated my understanding of the principles and theories of bioethical principles.
- 3) Design and conduct health policy and services research studies.
- C) In my current position I work as a health information project coordinator. In that role I am able to have some limited role in the methodology that is used

Student evaluation of ePortfolios assignment

Learning Items N=11	S.D	D	Neutral	A	S.A
I would use an ePortfolio as a way to monitor my skills as they develop over time		1	2	6	2
I would use an ePortfolio as a way to monitor my knowledge as it develops over time		1	3	5	3
I think viewing my peers' ePortfolios was a valuable learning experience			3	5	3
I would be concerned about my ePortfolio becoming a form of "busywork" a collection of electronic worksheets		3	4	3	1
I use my ePortfolio to learn from my mistakes		3	5	2	1
I plan to continue to enhance my ePortfolio for life long learning			5	5	1
I would use an ePortfolio go guide my knowledge development			5	5	1

(Ritzhaupt, Singh, Seyferth, & Dedrick, 2008)

Student evaluation of ePortfolio assignment

Assessment Items	S.D.	D	Neutral	A	S.A.
I feel that an ePortfolio is a better way for faculty to assess my knowledge than an essay test			7	2	2
I feel comfortable if an ePortfolio is used as part of a capstone course in my program of study			3	5	3
I feel comfortable with an ePortfolio used as an assessment tool by faculty for part of my grade in a course			3	5	3
I feel that an ePortfolio is a good way for faculty to assess my knowledge			5	4	2

(Ritzhaupt, Singh, Seyferth, & Dedrick, 2008)

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Student evaluation of ePortfolios assignment

Employment items	S.D.	D	Neutral	A	S.A.
I would use an ePortfolio as a snapshot of my knowledge and skills to show potential employers			2	4	5
I think my ePortfolio would be beneficial to me getting a job			2	6	3
I would use an ePortfolio as an electronic resume to show potential employers			2	4	5
If I were an employer I would use an applicant's ePortfolio to aid in the hiring process			2	6	3

(Ritzhaupt, Singh, Seyferth, & Dedrick, 2008)

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Student evaluation of ePortfolio assignment

Visibility items	S.D.	D	Neutral	A	S.A.
I would feel comfortable with my teachers showing my ePortfolio to other teachers			3	3	5
I would be concerned about the confidentiality of my ePortfolio	2	5	1	2	1

(Ritzhaupt, Singh, Seyferth, & Dedrick, 2008)

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Additional student comments on the ePortfolio assignment

- I liked WIX and actually bought a domain name, but I found Tumblr as a microblog site was easier for sharing and posting, my original materials-or blogs published on another site
- I believe ePortfolio is helpful for job searching and brings extra value to impress potential employers. Learning how to develop ePortfolios is very helpful for graduate students. I would recommend it for other students.

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Questions?

- Contact information:
- Cynthia Stone
- cylstone@iu.edu

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References

- Ritzhaupt, A.D., Singh, O., Seyferth, T., & Dedrick, R.F. (2008) Development of the electronic portfolio student perspective instrument: an ePortfolio integration initiative. *Journal of Computing in Higher Education*, 19(2), 47-90.

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