Stanford



Pauline Becker

Adm Svcs Admstr 2, Technology & Digital Solutions

Bio

CURRENT ROLE AT STANFORD

Pauline Becker is the Strategy & Operations Director at EdTech in the department of Technology & Digital Solutions (TDS).

Her primary responsibilities include:

* managing the design, implementation and maintenance of the MediaFlow system, the school of medicine's video capture system

* coordinating the Stanford Medicine Interactive Learning Initiative (SMILI: http://smili.stanford.edu), an inter-disciplinary and cross-institutional steering committee for school of medicine online learning activities

* overseeing the Surgery Septris project, a project to create an education game for surgical decision making, based on the existing game Septris, for treatment of sepsis

Pauline Becker has been an active member of the Stanford community for 19 years. She has an undergraduate degree in Human Biology (1998) and a masters in Learning, Design and Technology (1999). In 1998, she received the Albert H. Hastorf Award for Outstanding Service for excellence in teaching, from the Program in Human Biology. She has worked in industry as a quality assurance engineer and online community manager (Macromedia, 1999-2002). Since then she was a program manager at SUMMIT (Stanford University Medical Media & Information Technologies), where in partnership with PATH (a nonprofit international health organization) she headed the technical and educational design side of the AIM e-Learning project, dedicated to delivering online content to national health policy makers.

In her work for AIM e-Learning, Becker traveled to India, Uganda, Thailand, WHO Geneva and CDC Atlanta, where between designing and implementing appropriate technologies to deliver educational content, she conducted training sessions, usability studies and user needs surveys. She was introduced to the major issues and players in international health, in discussions with global partners and in-country staff.

At Stanford, Becker worked with medical students to develop the new course Rethinking International Health. The course uses online interviews of important figures in international health as a springboard for discussion of the major issues. Becker also worked with PATH and the World Health Organization in the redesign of a WHO computer-based tool for measles strategic planning.

Becker's research interests include the use of simulations and "serious games" (games for learning) in medical and health education. Her work on AIM e-Learning and the use of Web-based patient simulators for assessment in medical education has been published in peer-reviewed conference proceedings. She is fluent in conversational French and enjoys entertaining.

EDUCATION AND CERTIFICATIONS

- Certification, American Society for Quality (ASQ) , Six Sigma Green Belt (Certification Number 8318) (2012)
- MA, Stanford University School of Education , Education: Learning, Design & Technology (1999)
- BA, Stanford University , Human Biology: Behavioral Biology (1998)

Publications

PUBLICATIONS

- **A Multi-Institution Collaboration to Define Core Content and Design Flexible Curricular Components for a Foundational Medical School Course: Implications for National Curriculum Reform.** *Academic medicine : journal of the Association of American Medical Colleges*

  Chen, S. F., Deitz, J., Batten, J. N., DeCoste-Lopez, J., Adam, M., Alspaugh, J. A., Amieva, M. R., Becker, P., Boslett, B., Carline, J., Chin-Hong, P., Engle, D. L., Hayward, et al

  2019

- **The use of virtual patients to assess the clinical skills and reasoning of medical students: initial insights on student acceptance** *MEDICAL TEACHER*

  Gesundheit, N., Brutlag, P., Youngblood, P., Gunning, W. T., Zary, N., Fors, U.

  2009; 31 (8): 739-742

- **Building an internationalized content delivery architecture: lessons learned.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*

  Brutlag, P., Dev, P., Podchiyska, T.

  2005: 906-?

- **The Advanced Immunization Management (AIM) e-Learning Project.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*

  Brutlag, P., Fitzgerald, B., Mort, M., Stringer, J., Steinfeld, R., McArthur, A., Dev, P., Cheyne, J.

  2003: 799-?