Stanford

Keith Bowen

Director, Learning Design Challenge, SAL Digital Learning

Bio

BIO

For 20+ years, I have worked in the fields of international relief, development, and conflict resolution, building capacity in Eastern Europe, the Balkans, South Africa, Rwanda, Sudan, Iraq, Afghanistan, and Pakistan, as well as educating students in the U.S., Europe, and other countries who aspire to work in these fields.

Academics & Film

I've worked as an academic and filmmaker, creating educational documentaries on liberation movements around the world, which I've then used with university students in my classrooms. I've had several programs distributed by the Discovery Channel, which has been rewarding, but what has been especially remarkable to me is the response of my students. I've come to appreciate the power of narrative and immediacy of film to transform students' perceptions of the world and their place in it.

Learning Design

Along with an emphasis on narrative and immediacy, I've built interactive programs that draw students into learning through exploration and discovery - with a dynamically shifting experience based on student choice and response. I've also developed learning programs featuring advanced multiplayer simulations with both live and online interaction.

Scale

I've taken this work to scale. In my work for the U.S. Government and international humanitarian organizations, I've created courses that have been completed by tens of thousands of students and practitioners, not only at the State Department, USAID, relief agencies, and universities in the U.S., but also at comparable institutions in other countries, and even in internet cafes and refugee camps around the world. I've earned about a dozen awards for these various efforts.

Virtual Exchange & "Wicked" Global Problems

I am continuing this work here at Stanford. My focus now is on using new media and technology to bring university students in the U.S. and other high-income countries into extended contact with counterpart students in fragile states and zones of conflict to address complex problems that no single country can solve on its own. As students work collaboratively to address these "wicked" problems, we measure advances in learning and shifts in attitude through qualitative and quantitative methods.

This is an extraordinary time for those who use media and technology in teaching and learning. Blended in smart combinations, especially with traditional in-person learning, the new tools we have are powerful:

- Visual narrative, through its expression in digital cinema

- Expanding and interconnecting networks of lifelong learners

- Complex human interaction, including multiplayer games and simulations

- Complex machine interaction, including generative AI, dynamically responsive to learner needs

- Statistical data analysis, upon which to base informed, iterative human-centered design

- Worldwide electronic distribution, especially to inexpensive mobile devices

If we do this right, the world will be much better for it.

HONORS AND AWARDS

- Best Practices Award, U.S. Distance Learning Association

- Award of Excellence, Technology & Learning Magazine

- Telly Award, 26th Annual Telly Awards

- Gold Award, National Educational Media Network

- Communicator Award, International Academy of Visual Arts

- Best of the Best Award, Compaq Computers

- Omni Award, Omni Intermedia

- Aurora Award: Education, The Aurora Awards

- Aurora Award: Training, The Aurora Awards

- Bronze Award, National Educational Media Network

- Selection, Columbus International Film Festival

- Golden Eagle Award, CINE

PROJECTS

- Confronting the Refugee Crisis: Virtual Exchange in Global Health - Stanford University (September 24, 2018 - present)

- Interrogating Stereotypes: Virtual Exchange in Education - Stanford University (February 15, 2015 - present)

- Reporting from Zones of Conflict: Virtual Exchange in Journalism - Stanford University (December 1, 2013 - present)

Teaching

COURSES

2023-24

- Digital Learning Design Workshop: EDUC 254 (Win, Spr)

- Engineering Education and Online Learning: EDUC 391, ENGR 391 (Aut)

2022-23

- Digital Learning Design Workshop: EDUC 254 (Aut, Win)

- Engineering Education and Online Learning: EDUC 391, ENGR 391 (Spr)

2021-22

- Digital Learning Design Workshop: EDUC 254 (Aut, Win)

- Engineering Education and Online Learning: EDUC 391, ENGR 391 (Spr)

2020-21

- Engineering Education and Online Learning: EDUC 391, ENGR 391 (Spr)

Professional

WORK EXPERIENCE

- Teaching & Research Fellow - Stanford University

- Program Advisor - Stanford University

- Director of Training - Relief International

- Senior Instructional Designer - U.S. Institute of Peace

- Lecturer - Hunter College

Publications

PUBLICATIONS

- **Virtual Exchange in Global Health: an innovative educational approach to foster socially responsible overseas collaboration.** *International journal of educational technology in higher education*
  Bowen, K., Barry, M., Jowell, A., Maddah, D., Alami, N. H.
  2021; 18 (1): 32

- **Theory of Change in Learning Experience Design** *Learner and User Experience Research*
  Bowen, K., Forssell, K., Rosier, S.
  EdTech Books.2020

- **Virtual Exchange in Journalism: Collaborative Reporting Through New Media and Technology** *Australian Journalism Review*
  Bowen, K., Khan, A., Wake, A.
  2019

- **Validation of the first Arabic version of the life skills scale among university students** *COGENT EDUCATION*
  Maddah, D., Hallit, S., Kabbara, W., Akel, M., Bowen, K., Hasan, Z., Khasholian, T., Alami, N. H., Salameh, P.
  2023; 10 (1)

- **The Use of Virtual Reality for Public Health Education with Reference to Syrian Refugee Camps**
  Alami, N., Bowen, K., Dawson, H., Maddah, D.
  2019

- **Global Assignments: Virtual Exchange in Preparing Australian and Pakistani Students for Cross-Cultural, Collaborative Journalism** *5th World Journalism Education Congress*
  Bowen, K., Khan, A., Wake, A.
  2019

PRESENTATIONS

- Confronting the Refugee Crisis: Virtual Exchange in Global Health - International Virtual Exchange Conference (9/14/2020 - 9/16/2020)

- Global Assignments: How Virtual Exchange Is Preparing Australian and Pakistani Students for Cross-Cultural, Collaborative Journalism - World Journalism Education Congress (7/9/2019 - 7/10/2019)

- Investigating Stereotypes: Virtual Exchange in Education & Child Development - Ninth International Conference on Effective Teaching and Learning in Higher Education at the American University in Beirut (2/15/2019 - 2/16/2019)

- Virtual Exchange in Global Health: An innovative approach to foster socially responsible overseas collaborations - Global Health Research Convening (1/16/2019 - 1/16/2019)

- Virtual Exchange in Journalism: Collaborative Reporting through New Media and Technology - Journalism Education and Research Association (12/3/2018 - 12/5/2018)