At the heart of Prof Ayers innovation is the problem of how to teach music to large classes when the traditional master-apprentice approach is unfeasible. Her innovative solution is to use various forms of rich multimedia that cater to multiple learning styles, reduce psychological barriers to a potentially unfamiliar subject and increase student interest and motivation in the subject. Having a teaching foot in both Humanities and Computer Science, Prof Ayers integrated set of innovations merges science and art.

To bring the music alive to students in her lectures she uses a number of active learning techniques including:

- Animations;
- Synthesized sound examples;
- Live demos;
- Listening guides; and
- Annotated videos including field recordings

Through bringing the cultures of world music into the Hong Kong classroom, Prof Ayers expands students’ horizons towards global citizenship.