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WHAT I WOULD LIKE TO DO

- Mentor today's Youths as tomorrow's Leaders in order to:
- Continue to get better at learning how to best leverage tech as a tool to enable people to solve really tough problems in local communities.
- Rewrite/visit my PhD thesis two decades down the road as a (text)book on long-term engagement and reflection in the ICT4D space.
- Publish edited collection of BANG's best research results and accomplishments 2000-2021 whilst working at UWC and studying at UCT, together w/former students and collaborators.

BILL TUCKER

WHO I AM AND WHAT I AM GOOD AT

- Expertise: Software engineering, human computer interaction
- Teaching and learning: Authentic, blended, flipped & scaffolded
- Research: Computing and society, assistive tech, community networks, and ethics wrt all of these
- Community engagement: [Zenzeleni](#) & [SignSupport](#)
- Service: administrative tasks within and outside the University
- Technology transfer: [Zenzeleni](#)

WHAT I AM PROUD OF

Experience

- One of original 7 in dot.com boom startup called UniKix that grew to ~150 people in ~6 years! 1 P, 4 VPs, a coder (me) and a tester
- UWC career: TA->L->SL->AP (23 years); now 'Fool' P @ Stellies
- Teaching *and* programming for over 40 years

Teaching & learning

- Faculty Teaching Excellence Award, UWC Science Faculty, 2018
- No final exams since 2002 (until 2021 ☺): continuous formative assessment, mostly online; finding acceptance after #FMF and covid

Research

- NRF rating C1
- [Google h-index of 20+](#) with 120+ peer reviewed publications
- R24+ million research funding since 2002
- 96 postgrad completions to date: 9 PhDs, 26 MScs and 61 Honours
- With 1 more PhDs and 2 MScs in pipeline to complete 2022
- UWC Institutional Research Excellence award 2018
- UWC Innovation with Impact in Society award 2020 w/Shawn Pather

Community engagement

- UWC Institutional Community Engagement Excellence award 2019
- [Zenzeleni Networks](#): rural community owned and run ISPs
- [BBC documentary on Zenzeleni : Internet access in Africa](#) 2019
- [SignSupport](#): mobile app suite and contact centre for Deaf people
- [SignSupport SABC video](#) in 2017

Service

- Long service awards from Deaf Community of Cape Town & UWC
- UWC: Faculty Higher Degrees (10+ yrs) and T&L (~3 yrs) committees
- UWC: ICT Portfolio Steering Committee (~5 yrs)
- Co-chaired [ACM DEV-4](#) in 2013 in Cape Town
- Associate Editor for [ITID journal](#) 2014-2020, and many conf PCs

Technology transfer

- Best Innovation with Social Impact, TIA Innovation Bridge, 2017
- R2 million * 2 from TIA for Zenzeleni w/Shawn & UWC TTO
- TIA Seed Funding for both Zenzeleni and SignSupport w/UWC TTO
- Zenzeleni spin-offs: the NPC/PBO umbrella and two cooperatives