63 7th Avenue
Boston, Bellville 7530
South Africa

Computer Science Department
Faculty of Natural Sciences
University of the Western Cape
Bellville 7535 South Africa

+27 82 494 8884 *WhatsApp*
billandlizanne *Skype*
WildBillTucker *Facebook*

btucker@uwc.ac.za
bulltucker@gmail.com

www.zenzeleni.net
www.signsupport.org
www.cs.uwc.ac.za/~btucker

WHAT I WOULD LIKE TO DO

- **Get better at getting better**
- **Facilitate, consult and mentor sustainable development with information and communication technology via inclusive innovation**
- **See my students surpass me, and infiltrate and change the World**
- Write a book or two . . .
- Get the band back together
- Put albums onto Bandcamp
- Be a park ranger
- Watch my son climb, surf, mountain bike and play guitar better than me
- Travel for a year again

BILL TUCKER

WHO I AM

- **Expertise: Software engineering, telecommunication networks, human computer interaction & social implications of technology**
- **Research: ICT for development (ICT4D) via inclusive innovation**
- **Teaching and learning: Authentic, blended and two-way street**
- **Community engagement: Zenzeleni & SignSupport**
- **Administration: Teaching & Learning and Higher Degrees committees; Associate Editor for ITID, chaired ACM DEV 2013**
- Father; husband and eldest brother (of five)
- Rock climber, surfer, songwriter, mountain biker …
- Sci-fi geek (trekkie), amateur sociobiologist, punk and folk rocker …

WHAT I AM PROUD OF

- **Teaching for 40 years, starting with English in Taiwan from 1979**
- **One of original 7 in dot.com boom startup that grew to 150 people**
- **University of the Western Cape (UWC) Computer Science Technical assistant (1998) -> Associate Professor (2012-present)**
- **Department's 1st network lab (1999) and 1st research group (2000)**
- **Leveraged Telkom funding since 2002** toward external funding totaling **R22 million,** which enabled department's **1st MSc, 1st Black MSc, 1st post-doc, 1st spin-off and 1st back-to-back NRF rating -> C1**
- **R3.88 million research funding in 2018** (mostly TIA)
- **h-index: 16** with **118 peer-reviewed publications** and **88 postgrad completions: 58 Honours, 25 MSc, 3 PhD and 2 post-doc**
- **Long service award from Deaf Community of Cape Town, 2012**
- **Zenzeleni Mankosi cooperative established 2014**
- **Zenzeleni Networks is semi-finalist for Mozilla Foundation competition and spin off not-for-profit company in 2017**
- **Best Innovation with Social Impact, TIA Innovation Bridge, 2017**
- **DST awards R2 million to Zenzeleni in 2017, then asks for proposal**
- **Faculty teaching award 2018**
- **Former Black SA MSc got a PhD in Electrical Engineering in 2018**
- **Zenzeleni Zithulele cooperative established 2019**
- Only earn now what I made in USA in '96, and have a very Full Life
- 23 years of marriage and home birth of son at age 45
- 1995 trip to Cotapoxi, Amazon basin and Galapagos, Ecuador
- One year rock climbing honeymoon across 15 countries 1996-97 including trekking Solo Khumbu for 6 weeks and Central Sulawesi by foot, whitewater raft, bus and boat for two months.
- Notable ascents in/on Whitney, Yosemite, Toulumne, Lover's Leap, Red Rocks, Railae, Kinabalu, Nelion, Spitzkoppe, Krakadouw & Zion
- Started surfing at age 50
- Have written over 200 songs since age of 16
- Still climb, surf and mountain bike at my age and weight