

Technology Roadblocks

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What Do We Do?

■ What are we Doing at Dept. of Computing, Faculty of Pure & Applied Sciences, UWI (Mona)?

- ✓ Offering BSc, MSc, MPhil, PhD with streams in CS, SWE, IT, IS
- ✓ Research
- ✓ Consultancy

■ Research Groups

- ✓ Visualisation
- ✓ Amorphous Computing
- ✓ Component-Based SWE
- ✓ eLearning
- ✓ Data Mining
- ✓ Intelligent Agents

What Resources We Have

▪ Resources

✓ Students :

- BSc : 250 (1), 100 (2), 100 (3),
- MSc : 70,
- MPhil/PhD : 25

✓ Staff:

- with PhDs - 8; (from Imperial College, MIT, Georgia Tech, Monash, Glasgow, UWI)
- pursuing PhDs – 7 (at UWI, Essex)

✓ Computer Labs:

- Students don't complain

Roadblocks (1)

▪ **Low Funding for Research Students**

- ✓ Many Students going part-time to take a job
 - Higher Drop-out rate or
 - Takes longer to finish

▪ **Shortage of Relevant Journals**

- ✓ More demand for cheaper online journals;
- ✓ Collaboration with better resourced colleagues

▪ **Working Environment Good but Salaries not Internationally Competitive**

- ✓ Difficult to attract & retain staff

Roadblocks (2)

▪ We are Well Connected

- ✓ Broadband connection is good – T1 connection at the University
- ✓ Affordable (> 10MB) connection from home

▪ We are Willing to Collaborate with

- ✓ Africa – we can learn much from each other
- ✓ Europe – for obvious reasons of resource sharing and/or transfer

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Thank you for your attention!

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