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Welcome to the website for the Healthcare Infrastructure and Technology Group at the Graduate School of Technology Management

Healthcare systems of the future will be largely based on technology within ever-changing infrastructure environments. Globally, there is acceptance of using technology as a multiplier of medical expertise to serve growing populations in both developed and developing regions.

With the above in mind the GSTM is establishing itself as the provider of integrated, comprehensive capacity-building and support in the Assessment, Innovation and Management (AIM) of Healthcare Infrastructure and Technology (HIT), with a focus on resource-scarce healthcare environments. The capacity-building and support activities will be complemented by a dynamic and responsive research programme underpinned by values of excellence, relevance and impact.

The vision of the AIM-HIT programme is aligned with current and proposed initiatives of the South African Department of Health such as the National Health Insurance. According to the NHI Green Paper, the first 5 years of National Health Insurance will include piloting and strengthening the health system in the following areas: Management of health facilities and health districts; Quality improvement; Infrastructure development; Medical devices including equipment; Human Resources planning, development and management; Information management and systems support and Establishment of the National Health Insurance Fund.

The AIM-HIT programme is uniquely positioned to contribute to six of the seven areas listed by optimally utilising current research, academic and further education offerings in the GSTM, the School for the Built Environment and the School for Health Systems and Public Health at the University of Pretoria. Further opportunities are explored with other national and international academic institutions, various national research councils and industry partners.

The AIM-HIT programme has access to leading experts in the areas of Technology & Innovation Management, Project Management, Engineering Services Management, Asset Management, Sustainable Life Cycles and Systems Engineering, as well as value-added expertise from newly-appointed faculty and AIM-HIT expert networks. The GSTM services model, based on systems thinking and complex adaptive system principles, in particular can assist in addressing the six priority areas as set out by the national Minister of Health: values/attitudes of staff; reduction of waiting time; cleanliness/hygiene, patient safety/clinical care/governance; infection

prevention and control; and availability

of basic medicines and supplies.

The AIM-HIT programme will also host a series of workshops with the intention of promoting multi- and inter-disciplinary discussions on topical important issues best addressed in a workshop format.

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