Graham Collins
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Current teaching
Post-graduate teaching including COMPGZ07 is designed to help students to plan and deliver their research projects. This includes agile project management and project examples covering software development, architecture, (big) data analytics, machine learning (ML) and ROC. Teaching also encompasses for COMP3001 a research project where NII Tokyo students work with our students at UCL. This is developed in collaboration with colleagues Hugh Varilly, Royal Academy of Engineering Visiting Professor, UCL and Prof. Tanabe Yoshinori NII, Tokyo. Previous projects have included medical streaming analytics and projects linked to the UCL Grand Challenges to enhance sustainability.

Integrating project practice with research
Current post-graduate professional practice series is developed with Dr Nicolas Gold and has project management topics integrated with talks from leading industry speakers. This programme is kindly supported by organisations including IBM, FT, ThoughtWorks and the MRC. 2002-2009 developed with project colleagues the APM Principles of Project Management series outlining the latest research with current project management practice. This series was held at UCL and was attended by over 750 project managers and those aspiring to this role.

Research and consulting
Resolving issues of 'buy-in' on major programmes and application of the work of colleagues covering multi-dimensional pareto front optimisation. This has been applied to improve fairness in projects, model and balance stakeholder's goals. Talks covering this area have included: 'A strategy for corporate project buy-in', pm-tags '04 "Projects and Emotional Intelligence", Vienna, November 24 - 27, 2004.
2006 with SMS UK delivered consulting project based at Systematic, Aarhus, to integrate relevant agile practices. Systematic have the longest held accreditation at CMMI maturity level 5. More recent agile research has been outlined at the SEI SEPG conference Dublin 2011 in the talk 'Developing Agile Software Architecture using Real-Option Analysis and Value Engineering'.
2002-3 Developed in conjunction with Provek, project to improve Vodafone's project management, risk management and leadership capability. Vodafone adopted this project training including a greater focus on root cause analysis.

2000 onwards Appointed lecturer within the Management Science & Innovation department, UCL. Developed with Prof. Bernard Buxton, the Technology Management course, covering project management and professional issues including security, privacy and ethics.

Pre 2000. Consultant with Bezant, leading one of the most complex communications projects in UK. Used real-time modelling techniques to resolve technical issues and conflicting goals from different stakeholder groups. Computing lecturer and course manager Havering College.

Support of Professional Bodies
Currently appointed to BCS Digital Accessibility board. Prior to this, served as KTN and HE initiatives liaison for APM London branch.

Education
Educated at UEA and Uppsala Universitet.
Further training includes post-graduate teacher training and management qualifications. Leadership training also includes courses led by Prof. Sue Dopson, Saïd Business School, Oxford.

Key Publications
Collins, G. 'Agile Project Management' in A. Lester, Project Management Planning and Control, 6th Edition, Elsevier, 2013.
Collins, G., 'Experience in developing metrics for agile projects compatible with CMMI best practice' SEI SEPG Conference proceedings, Amsterdam 12-15 June 2006.
Henderson-Sellers, B., Collins, G. & Graham, I. 2000, 'OPEN and RUP: How do they compare?', JOOP - Journal of Object-Oriented Programming, vol 13, no. 4, pp.35-38.