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Combine 2 & 3
supplement both to
meet the needs of software
developers

3

This project would: 1) draw from the history and experience of the IEEE and other major engineering societies to assist the IEEE and the ACM in fostering an orientation toward individual responsibility and professionalism among software specialists. It would be directed to software ^{developers} specialists, whether they have been trained in engineering, computer science, another college major, or in companies. 2) study the various technical procedures and standards which have been and are being proposed and tested to determine whether some have been or can be adopted or recommended by professional societies as options for improving ~~quality~~, reliability, and safety. 3) study the codes of ethics of IEEE, ACM, and other engineering societies to see whether they are adequate or how they might be supplemented to meet the needs of software specialists. 4) study the legal environment in which producers of software operate to see what legal resources presently exist to support the aims of 1), 2), and 3) above and what new measures might be considered. The project will seek ways to overcome any tensions between the approaches of engineering and computer science to ^{education} training and between the role of technical methods and ethical standards in promoting appropriate standards of care.

Vivian Weil

DOD

re 2 & 3
people in the societies
diff view from outsiders
heterogeneous prof in
in the making

Linda Abraham

Here's new
colleague
Boyd
Korel - software testing
Ethical issues and

are tech stand 'ds enough
or do we have to add
~~tech code with testing~~
~~and what append to them~~
connect to people + real world
things - tech standards that've been adopted

Establishing Professional and Responsibility
Criteria for Software Practitioners

Barry Boehm
Nancy Leveson