

A stack of white papers with blue lines, slightly blurred, set against a light blue background.A globe showing the Americas, set against a purple and blue background with a grid pattern.

Project Management

A stack of white papers with blue lines, slightly blurred, set against a light green background.

UVA Conference:
Advancing Improvement and Innovation
October 15, 2008
Virginia Evans, PMP

A yellow analog clock with black numbers and hands, set against a yellow and orange background.



Agenda

- Background
- PM According to PMI
 - PMBOK Guide
 - Application to Projects
- PM at UVa
- PM Certifications
- Questions



Background

- Project Management Institute (PMI) founded in 1969
- Project Management Professional (PMP)—1984
- Other PMI certifications:
 - CAPM (Certified Associate in Project Mgmt.)
 - PMI-RMP (PMI Risk Management Professional)
 - PMI-SP (PMI Scheduling Professional)
 - PgMP (Program Management Professional)
- Project Failures and Growth of PMPs...



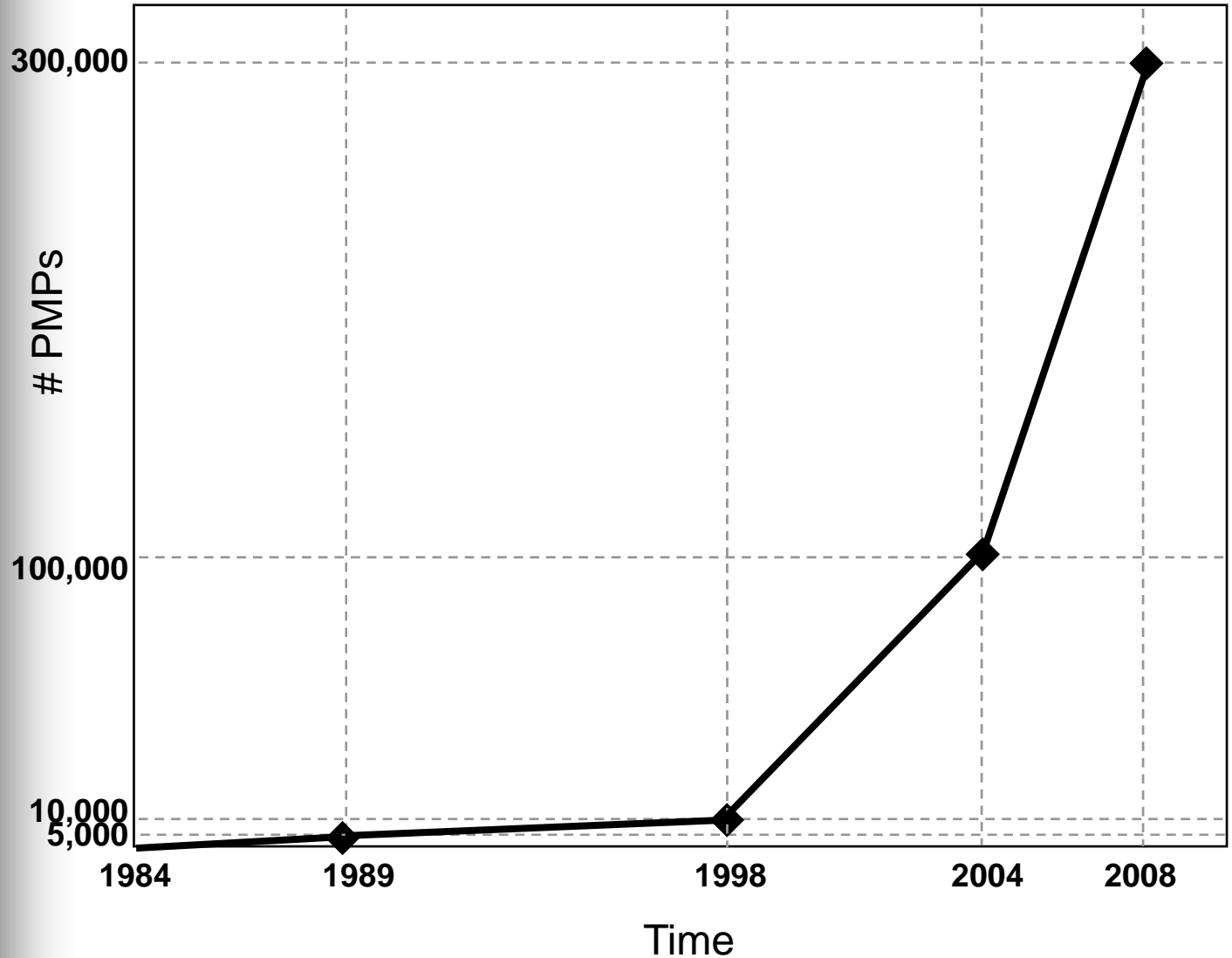
Background: IT Project Failures

From Study of 30,000 IT Projects:

	1994	2003
Project Time Overruns (over original estimate)	222%	63%
Project Cost Overruns	189%	49%
Project Success Rate (on time, on budget, within scope)	16%	28%
Failed Projects	31%	23%

Source: Standish Group International – CHAOS Chronicles, 2001

Background: Growth in PMP Certification



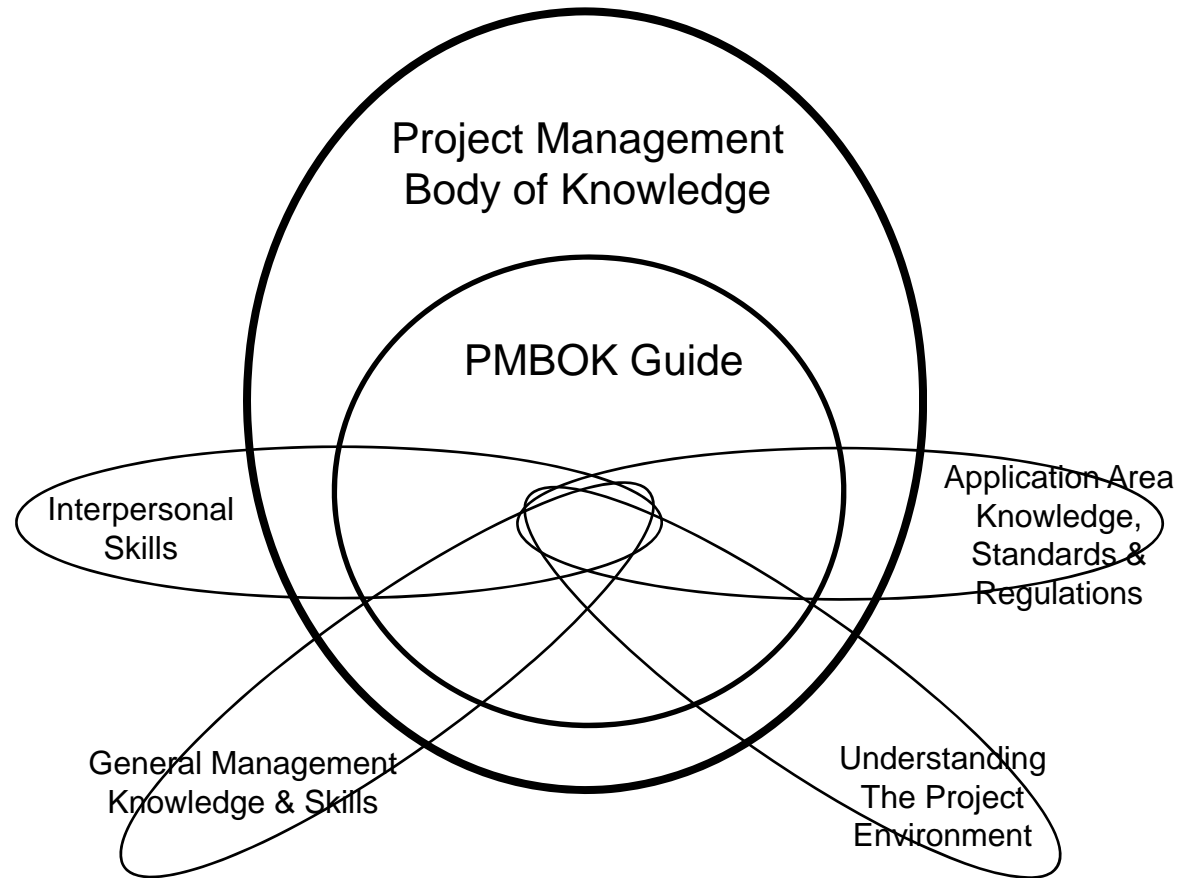
PM According to PMI

- Expertise
- Definitions
- PM Processes
- PM Knowledge Areas
- Application to Projects...



PM According to PMI

Expertise Needed on Project





PM According to PMI

■ Definitions:

● Project:

“A project is a temporary endeavor undertaken to create a unique product, service, or result.”

● Project Management:

“Project Management is the application of knowledge, skills, tools and techniques to project activities to meet project requirements.”

PM According to PMI

- Project Management Processes:
 - Initiation
 - Planning
 - Executing
 - Monitoring and Controlling
 - Closing





PM According to PMI

- PM Knowledge Areas:
 - Project Integration Management
 - Project Scope Management
 - Project Time Management
 - Project Cost Management
 - Project Quality Management
 - Project Human Resources Management
 - Project Communications Management
 - Project Risk Management
 - Project Procurement Management

PM According to PMI

- Application to real-life projects...





PM at UVa

- UVa Policy (vs. VITA oversight)
 - <https://policy.itc.virginia.edu/policy/policydisplay?id=IRM-010>
 - Policy includes Link to UVa Project Calculator and PM Guidelines:
 - <http://www.itc.virginia.edu/policy/pm>



PM Certifications

- **PMI:**
 - PMP is “Gold Standard”
- **Commonwealth of Virginia:**
 - PM Overview Training
 - Core Processes Test
 - Facilitating Processes Test



PM Certifications

■ PMP Certification Eligibility Requirements:

- Bachelor's Degree:
 - 35 hours PM education
 - 3 years PM experience
 - 4,500 hours documented PM experience
- High School Diploma:
 - 35 hours PM education
 - 5 years PM experience
 - 7,500 hours documented PM experience



PM Certifications

■ Obtaining PMP Credential:

- Application Process (detailed!)
- Multiple-choice Exam:
 - 4 hours; 200 questions
 - Pass/Fail (~82% is pass)
- Credential Maintenance:
 - Renew every 3 years
 - 60 hours continuing education to renew



Project Management

- Questions???

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