

**2005 PCMIA/SME
Student Design
Awards**

The PCMIA and SME have jointly established a competition for the best senior design project. All mining schools have the requirement that graduating seniors complete a capstone design project to demonstrate their knowledge of engineering fundamentals and analysis of a problem. Nominees are selected by the mining faculty of the institution and up to two students per university can be nominated at the discretion of the faculty. The purpose of the award is to serve as a tangible stimulus for excellence and reward for outstanding effort in the preparation of the senior design project.

Gold Award

Nora L. Oswald, Brian R. Knorr and Craig R. Hairfield
Virginia Polytechnic Institute and State University
"Graham Island Gold"
Advisor-Professor Erik Westman

Silver Award

Joseph R. Zirkle
West Virginia University
"Zorro Mining Company"
Advisor-Dan Alexander