

OPAS Workshop – November 17, 2006
Possible Advance Reading Materials –

Format - *Executive summary, 2-10 pages:*

- *Charts, tables good*
- *References and attachments for more in-depth coverage ok*
- *Provide hardcopy of most materials rather than website refs*

Framing the Problem (defining the problem space)

Trends

- CS & Engineering majors
- Science & math scores
- Diversity
- Jobs: quantity, pay level, importing talent, outsourcing, occupational outlook

Key assessments: Quotes or Abstracts from

- The World is Flat, Thomas Friedman
- Rising above the Gathering Storm, National Academies
- They're Not Dumb, They're Different; Stalking the Second Tier, Shirley Tobias?
- Scientific Elites and Scientific Illiterates?

Abstracts from

- ASEE Conference papers, website, magazine
- ACM/CSTA
- ITAA
- NSF

Other context info

- ODE/Board of Education Work
- ETIC
- Board of Higher Education
- PASS

Framing our Common Understanding

- Diagrams – Staircase
- Committee work – Diversity, SCC, Pathways flyover map, Student Success Survey

Preparing for prioritizing Strategies

- Definitions of candidate strategies
- Criteria for prioritization
- Intervention methods: policy, practice, delivery
- Matrix mapping candidate strategies to intervention methods