

Manufacturing Forum

Key issues:

Quality of our human resources
All levels...

K-12

Not turning out a competitive product
Iacocca's comments...cannot hire
from schools adjacent to his plants
But K-12 is no longer enough
Philips...
GM...

Higher Education

Community Colleges
Higher education

MBA

- i) We are not producing the right kind of graduate
--or hiring the right kind of person--as future
business leaders
- ii) MBA focus on finance and not management
and manufacturing

Engineering Education

- i) Still not focusing enough on systems...
on manufacturing
- ii) Still too science-dominated

Advanced degrees

Serious problem developing in availability of
science and engineering graduates
--particularly U.S. citizens

The shortfall is real...and it will be
crippling!!!

NOTE: This is already on us...the students
who can solve it are enrolled as undergraduates
today!!!

Must develop both a near term and long term strategy

NEAR TERM:

General consensus among all parties...

...NSB, NSF

...AAU, NASULGC

...Engineering societies

that a major federal science and engineering
traineeship program is the key

NSF will be taking the lead on this...

but other agencies must follow