

AAPG

International Conference and Exhibition
Cape Town, South Africa
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Workforce Observations

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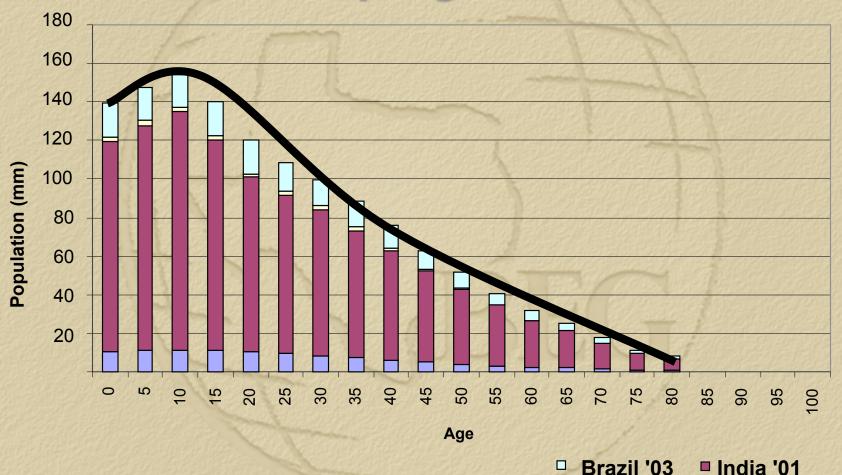
Jackson School of Geosciences The University of Texas at Austin

Observations

Demographics Cycles **Balance and Bridges**

Tinker, 2008

Age Demographics Developing Nations

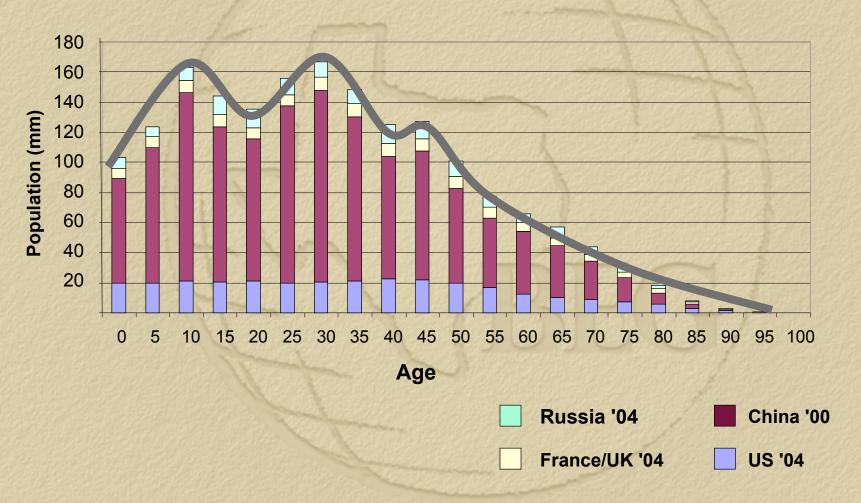


Source: UN Website

Saudi '04

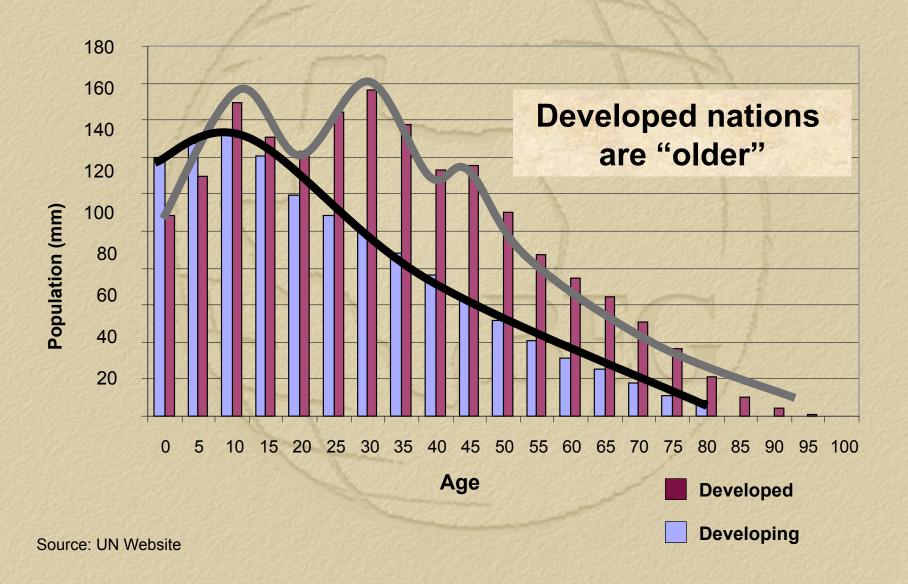
Mexico '03

Age Demographics Developed Nations

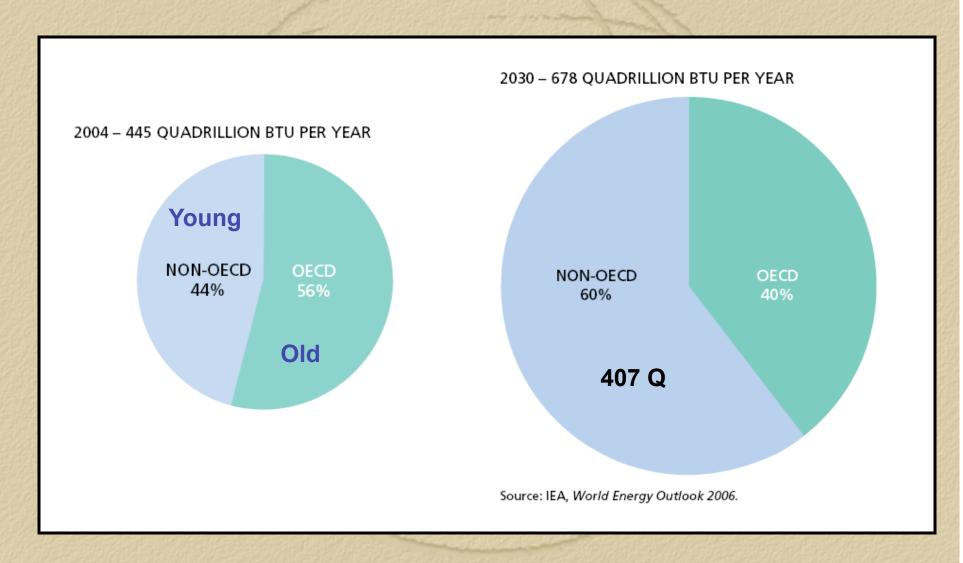


Source: UN Website

Age Demographics



Geopolitical Shift

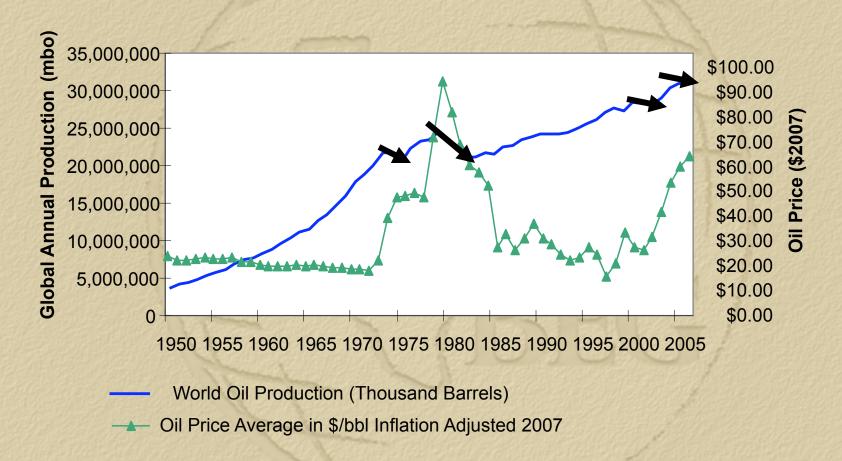


Source: National Petroleum Council, 2007

Observations

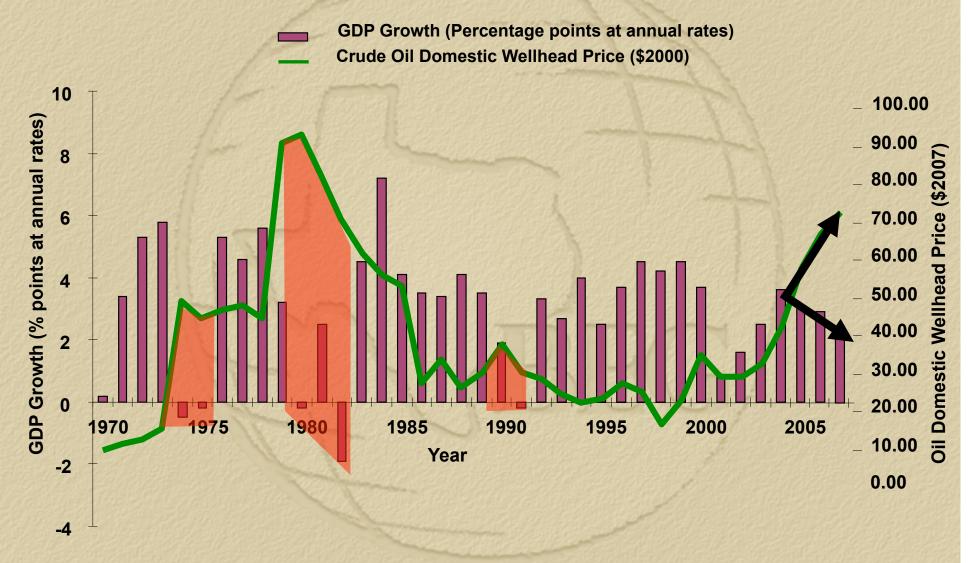
Demographics Cycles **Balance and Bridges** Tinker, 2008

Global Oil



Source: 1980-2007 Energy Information Administration As of January 2008 (www.eia.doe.gov/pub/international/iealf/crudeoilreserves.xls), 1950-1980 OPEC (http://www.opec.org/library/)

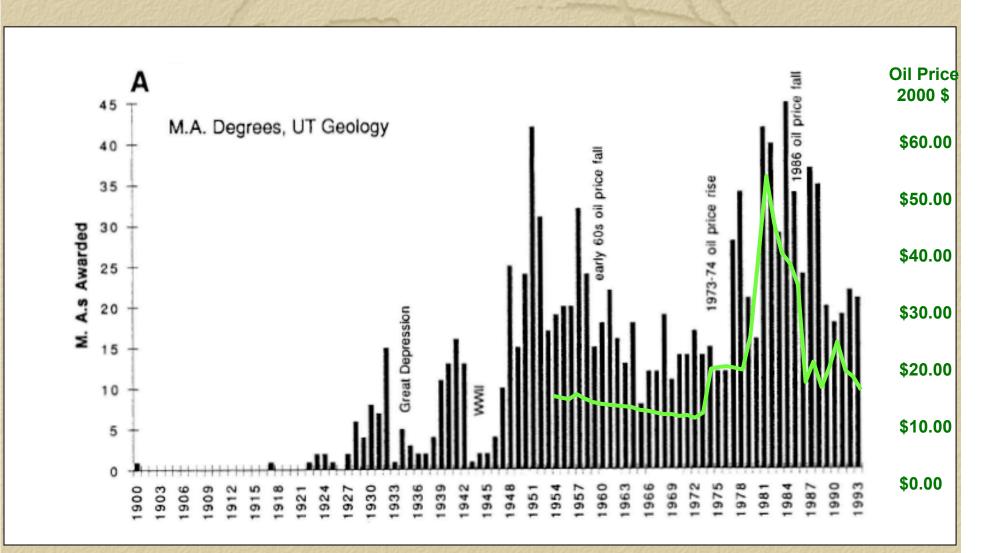
Oil and Economy



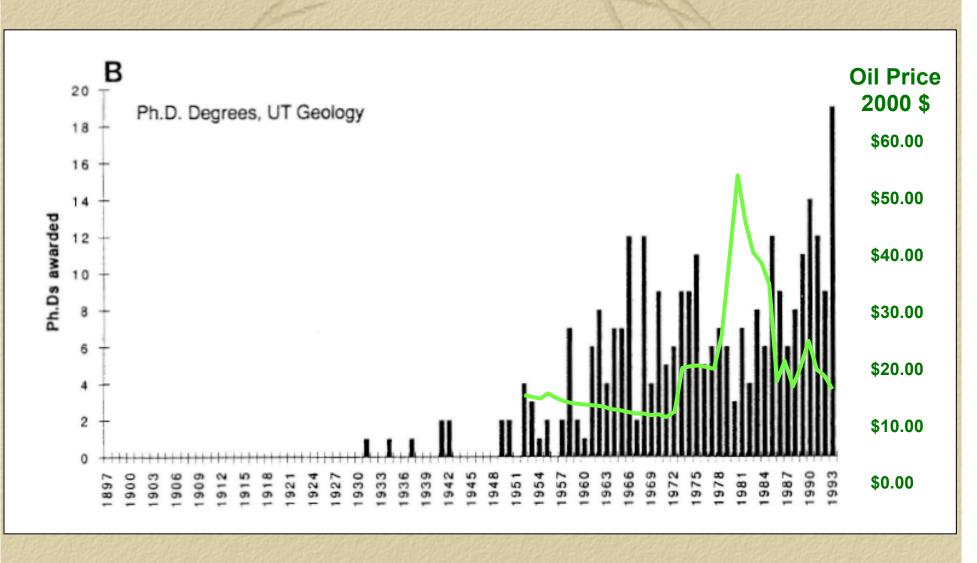
Energy-Economy Cycles



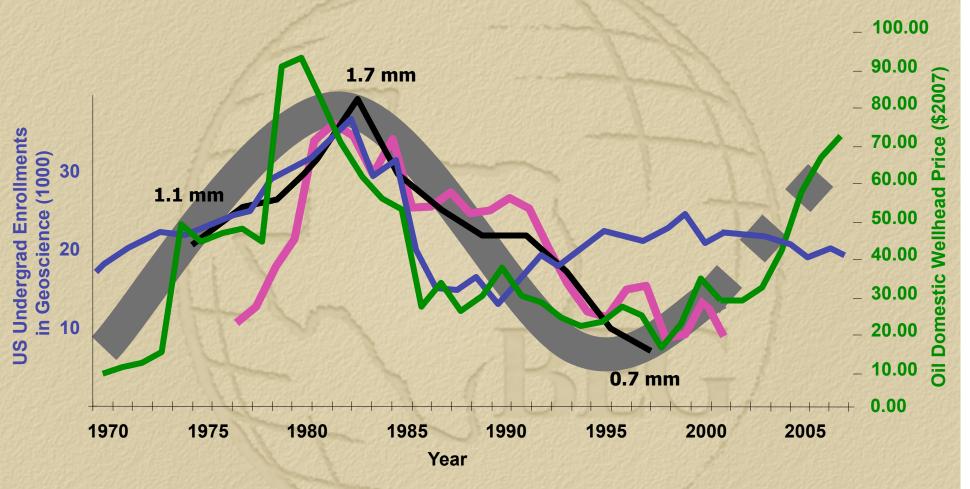
Department of Geosciences, University of Texas Total Masters



Department of Geosciences, University of Texas Total Ph.D.s



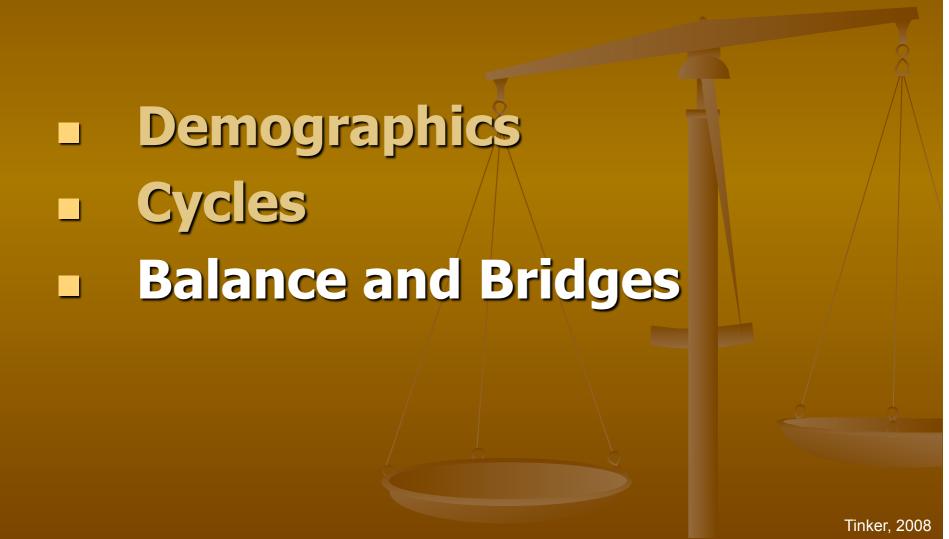
Compound Cycles



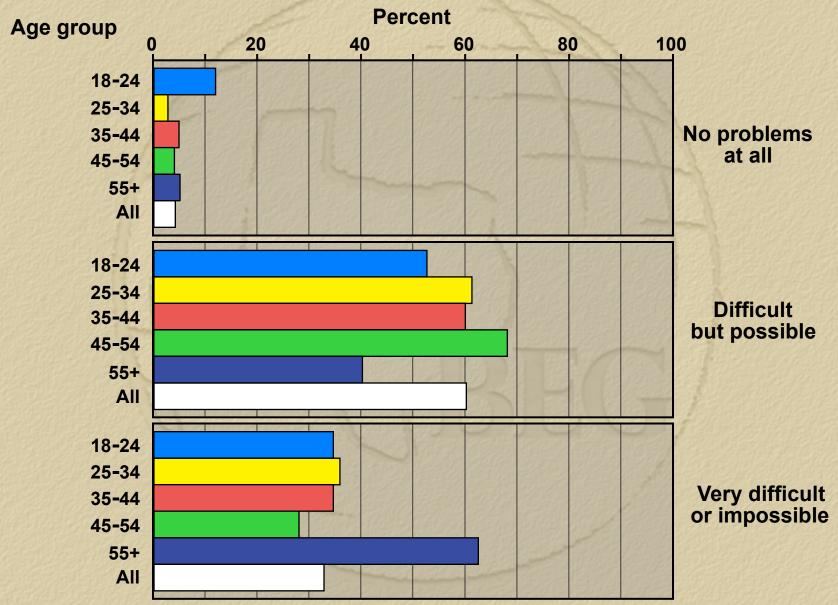
Employees Large O&G Co

US Upstream R&D 2004 Dollars CERA

Observations



HOW EASY IS IT TO MANAGE DUAL CAREERS IN THE OIL AND GAS INDUSTRY?



Dual Career Challenges

Goal: Reverse the trend of decreasing women in energy sciences throughout a full career

- Maintaining a science edge in the "part time" years
- Separating what we want to do from what we are willing to do
- Reverse discrimination
- Precedent setting and consistency of policies
- Avoiding flexibility dysfunction



Industry, Government, Academe

- Complex global issues pose technological and social challenges requiring an integrated approach
- Each sector has different time scales for decision making, and are motivated by different opportunities
- Science, policy and commercialization are critical partners for the future
- Bridge across the canyons and peaks

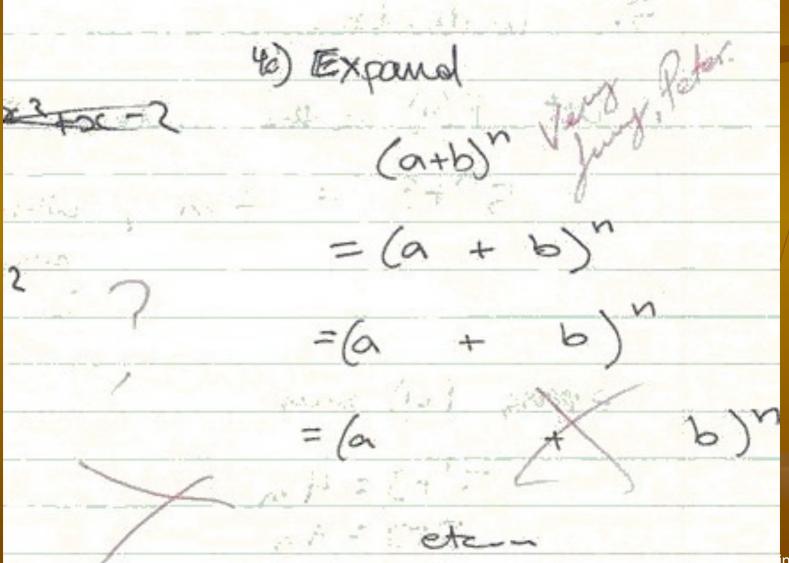


PETER



Policy Maker!

1.21



Summary Concepts

- > Fossil fuels are essential for many decades
- > Price volatility is likely; must enjoy change
- > Global demographics are evolving
- > Talent is the fundamental priority

Government/industry/academe must work together to bridge across the cycles in order to create a stable environment that attracts and retains the best talent in the world.

A career in the energy industry is exciting, challenging, rewarding exciting and at times terrifying!

You cannot find a more meaningful issue on which to work for the coming century than global energy. Period.

Get after it!