

Jonathan Shapiro
CEO
Texas Institute



TEXASINSTITUTE
SUSTAINABLE TECHNOLOGY RESEARCH

Innovation

- US Council on Competitiveness declared:
"Innovation will be the single most important factor in determining America's success in the 21st century"
- Innovation is about much more than generating new ideas. Translating these ideas into value-adding products and services
- Israel has the highest number of engineers per capita in the world (twice that of the US and Japan), a supportive culture of risk-taking and a powerful drive to succeed.



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Research Spending by Country as a % of GNP

| Rank | Country | % of GNP |
|------|-----------------|----------|
| 1 | Israel | 4.90% |
| 2 | Sweden | 4.27% |
| 3 | Finland | 3.46% |
| 4 | Japan | 3.12% |
| 5 | Iceland | 3.09% |
| 6 | United States | 2.67% |
| 7 | South Korea | 2.64% |
| 8 | Switzerland | 2.57% |
| 9 | Denmark | 2.52% |
| 10 | Germany | 2.50% |
| 12 | Taiwan | 2.30% |
| 13 | Total OECD | 2.26% |
| 18 | Canada | 1.87% |
| 19 | United Kingdom | 1.87% |
| 20 | European Union- | 1.86% |
| 27 | China | 1.22% |
| 26 | Russia | 1.28% |



Price Waterhouse MoneyTree Report Venture Investing by Region Q4/2009

Investments by Region / Q4 2009

| Regions Defined | Total \$ Invested | Average \$ Per Deal | Deals |
|-----------------|-------------------|---------------------|-------|
| All | \$5,018,591,300 | \$6,320,644 | 794 |

| Region | Amount | % of Total | Deals |
|--------------------|---------|------------|-------|
| Silicon Valley | \$1923M | 38.31% | 252 |
| New England | \$635M | 12.65% | 101 |
| NY Metro | \$466M | 9.29% | 66 |
| San Diego | \$300M | 5.98% | 30 |
| LA/Orange County | \$288M | 5.74% | 40 |
| Texas | \$189M | 3.77% | 30 |
| Southeast | \$189M | 3.76% | 31 |
| Northwest | \$185M | 3.69% | 33 |
| Colorado | \$172M | 3.42% | 20 |
| DC/Metroplex | \$163M | 3.26% | 40 |
| Midwest | \$160M | 3.18% | 63 |
| Philadelphia Metro | \$142M | 2.83% | 28 |
| North Central | \$118M | 2.36% | 21 |
| SouthWest | \$67M | 1.33% | 22 |
| Unknown | \$11M | 0.22% | 3 |
| Upstate NY | \$6M | 0.11% | 4 |
| Sacramento/N.Cal | \$3M | 0.06% | 1 |
| South Central | \$2M | 0.05% | 9 |



DOE Recovery Act Energy Projects

| | Announced | Awarded | Spent | Percentage |
|-------------------------------|-------------------|-------------------|------------------|------------|
| Total DOE Recovery Act | \$ 28,074,408,826 | \$ 17,997,240,035 | \$ 1,268,311,981 | 4.52% |
| Texas Totals | \$ 1,326,722,160 | \$ 716,846,746 | \$ 2,135,316 | 0.16% |
| Percentage | 4.73% | 3.98% | 0.17% | |



Our Share of Research Grants 2009 Stimulus Funding

- **Total Texas** **\$292,180 M**
- **UTD** **\$ 7,733 M 2.6%**
- **UNT** **\$ 5,179 M 1.7%**
- **SMU** **\$ 3,187 M 1.0%**
- **UTA** **\$ 13,182 M 4.2%**
- **UT** **\$ 68,322 M 23.4%**
- **A&M** **\$ 57,528 M 19.6%**



Total Research 2009 by University

- **UTA** **\$55M**
- **UTD** **\$66M**
- **UNT** **\$22M**
- **SMU** **\$17M**



Texas Research as % of GDP

- Texas GDP \$1.245 Trillion
- Total Texas Research \$1.326 Billion
- Total Research as % GDP .11%
- Total Israel 4.6%
- Total US 2.6%

