

## The State of the Academic Tribe in 2003

As it relates to Understanding the State of the World

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The Academic Tribe is like a herd of Verbal Turtles

It tries diligently to understand the world,  
but it moves very slowly and talks constantly.

- It is very Disorganized
- It is Under Funded
- It excels in Collaboration, Networking
- Byzantine Politics prevail
- Centers of Excellence are embedded in a Sea of Mediocrity
- Rewards are Highly Skewed to favor Noise over slower, high Quality Work
- Separating wisdom from noise is hard
- Interdiscipline and long term are weak

## Some Data on the Academic Tribe

Colleges of all kinds, USA = 4,182  
All Colleges Worldwide => 12,000  
Universities in the World = 6,452  
Faculty and Prof. Staff, USA = 2.9 million, of whom about 1.25 million  
are teachers of one kind or another  
Students at USA colleges = 14.8 million (1999), 15.8 million (2003)  
Students at world colleges = ~ 88 million (1997)  
Area Studies\* grads, USA = 6,381 (2000) \*[includes ethnic studies]  
Language program grads, = 14,968 (2000) [75% of 1970 level]  
Total Budgets, US colleges = \$ 221 billion in 1997  
[-60% public, 40% private] \$ 277 billion in 2001

## Other Major Institutions Competing for the Public's Attention

NGO's = 25,540 (in 2002)

IGO's = 5,546

IO's = 31,086

Media Outlets:

hundreds	TV
thousands	Radio
10,000's	Papers
lots	Magazines
less	Publishers
zillions	Net Mongers

Media Conglomerates **About 10**

(P.S. Heads Up to the Unpublished Stuff - It's often the best)

## Very Rough Estimates of Annual Expenditures on "Intelligence"

\$ 30 billion, US Nat.Sec. Intelligence community

\$ 30 billion, non-US intelligence community

\$ 7 billion, SCIP-like business intelligence, US

\$ 277 billion, all American colleges, 2001

\$ 344 billion, Total

Ratio, US nat.sec. IC investments to total = 60/344 = 17%

Very Rough Estimates of Personnel in the Official Intelligence and Academic Sectors

25,000 CIA  
 250,000 whole US intelligence community  
1,250,000 whole US higher education community  
 1,500,000 Total

Ratio of national security to all intelligence professionals,  
 USA = 250,000 / 1,500,000 = **16.6%** [NB: NGO & Media]

17.4% and 16.6% are not significantly different

First Order Conclusion =

**The Academic World is about 6 times the size of the Official Intelligence World.**

NB: This completely ignores the NGO and Media Tribes  
 But who do policy makers have in their office every day?

**CNN or FOX, Time Magazine, and E-Mail!**

Richard Baer, 20+ year CIA veteran, wrote:

**"My access to information is better since I got out of the CIA."**

And why would that be?

**Because you're not wearing that stinky albatross anymore!**

Tom Gjelten, National Security Correspondent for National Public Radio said:

**"I gave up calling my intelligence contacts (During Gulf War II) because inevitably I had more information, and more current information, than they had."**

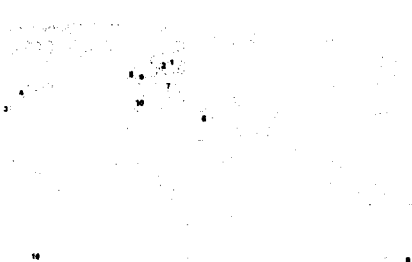
[at the Frank Premack Awards, Humphrey Institute, U of MN, 4-21-03]

And why would that be?

Because in addition to CNN, FOX, the New York Times, Wall Street Journal, TIME magazine (!) and email from his favorite list-serves and private advisors, Mr. Gjelten has the good will of thousands (maybe millions) of potential informants. This makes his data collection more efficient and robust.

Plus he has no barriers to talking with them. So correcting errors is easier.

**Peace Ph.D. Programs and Educational Centers**

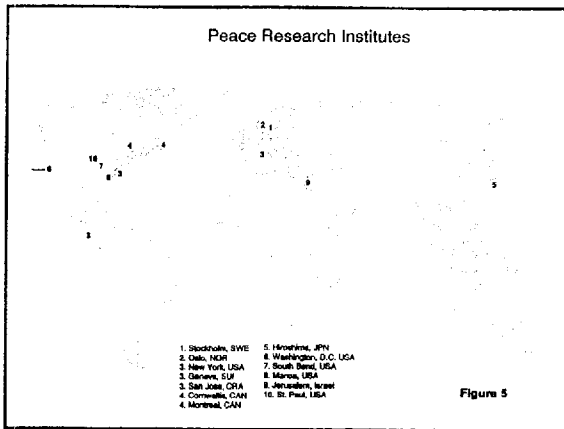


- 1. Uppsala, SWE
- 2. Goteborg, SWE
- 3. Fairfax, USA
- 4. Syracuse, USA
- 5. Dublin, IRE
- 6. Jerusalem, ISR
- 7. Stadtschlaining, AT
- 8. Armidale, AUS
- 9. Bradford, GB
- 10. Rosario, ARG

Figure 4

**List of Leading Peace Education and Ph.D. programs**

- Uppsala University, Uppsala, Sweden
- Goteborg University, Goteborg, Sweden
- ICAR (Institute for Conflict Analysis and Resolution) George Mason University, Fairfax, Virginia, USA
- PARC (Program on Analysis and Resolution of Conflict) Syracuse University, Syracuse, New York, USA
- University of Dublin, Trinity College, Dublin Ireland
- Hebrew University of Jerusalem, Israel
- European University Center for Peace Studies, Stadtschlaining, Austria
- University of New England, Armidale, New South Wales, Australia
- University of Bradford, Bradford, United Kingdom
- Ciudades Educadoras America Latina, Barcelona, Spain and Rosario, Argentina



- List of Leading Peace Research Institutes in the World
- SIPRI (Stockholm Int'l Peace Research Institute) Stockholm, Sweden
  - PRIO (Peace Research Institute, Oslo) Oslo, Norway
  - UN University of Peace: a) San Jose, Costa Rica, b) New York, NY, c) Geneva, Switzerland
  - Lester B. Pearson, Canadian International Peacekeeping Training Ctr., Cornwallis, Nova Scotia and Montreal, Quebec, Canada
  - IPSHU (Institute Of Peace Science, Hiroshima University) Japan
  - USIP / FAS / CDI, etc. (US Institute of Peace, Federation of American Scientists, Center for Defense Information, etc.) Washington D.C., USA
  - Kroc Institute for Peace and Justice, (Notre Dame) South Bend, Indiana
  - Matsunaga Institute for Peace, University of Hawaii at Manoa, Hawaii
  - IPCRI (Israel - Palestine Ctr. for Research and Info.) Jerusalem, Israel
  - CSIW (Center for the Study of Intelligence and Wisdom) St. Paul, MN [but PAWSS at the five colleges in Massachusetts is really better :-]

**Chaos in the Brickyard**

By Bernard K. Forscher, Mayo Clinic  
In Science 142:3590, October 18, 1963  
[www.health.uottawa.ca/biomech/csb/archives/chaos.htm](http://www.health.uottawa.ca/biomech/csb/archives/chaos.htm)

"Once upon a time, among the activities and occupations of man there was an activity called scientific research ...

... It became difficult to complete a useful edifice because, as soon as the foundations were discernable, they were buried under an avalanche of random bricks. And, saddest of all, sometimes no effort was made even to maintain the distinction between a pile of bricks and a true edifice."

**Send Solutions Quickly Please!**

(it is so easy to criticize and so hard to improve)

And do not hesitate to correct my errors! :-)

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