## **University Relations**

- Intel: "Lablets"
  - Intel Values Leading-edge Semiconductor Research
  - Innovations Around Academic Realities → "Lablets"
  - Lablets: proximity, facilities for faculty collaborations
    - · engage a broad cross-section of students
    - · augments research capacity
    - · identifies top talent
    - Example: Stanford \$12M/5yr (visual computing focus, 30 faculty, 50 students)
  - University Engagements
    - · targeted list of schools (global)
    - traditional recruiting investments (alumni involvement)
    - major investments at Lablet schools (Fellowships, etc.)
  - Outreach
    - Computer Clubhouse Network
    - Collaboration with global universities to serve kids 10-18 years old





## **University Relations**

- Boeing: "Executive Focals"
  - Tie university relations directly to Executive Focal Network
  - Ensures university investments reflect business strategy
  - Program components include:
    - Fellowships
      - (Program under review)
    - Global Academic Partnerships
      - Integrated with business, ties to executive strategies, and regionally managed
    - Scholarships
      - Support for diversity candidates and employee children
    - Higher Education Grants
      - Made through Executive Focal Network (closed process)
    - Recruiting
      - Traditional internships, coops and student support
  - Unique program in it's tight connection with business strategies
  - Research is largely proprietary, some university collaborations starting
    - · Going from a closed, US company to a global, more open innovator







## **University Relations**

- Northrup Grumman: Coordinated Technology and Talent Acquisition
  - Quantitative search for technologies
  - Broad view of campus interaction

NORTHROP GRUMMAN

- Engaged with systemic reform issues
- Provides cross-company relationship management
- Program components include:
  - · Coordinated campus management (Executives, UR, recruiting)
  - Grants and product donations
  - · Technical speakers program
  - Corporate and faculty exchange
  - Scholarships and Fellowships
  - Student and club support
  - · Invited research proposals
- Consistent, comprehensive UR program

## **University Relations**

- Microsoft: Faculty Focused
  - Primary target is university researchers
  - Similar programs implemented by geography
    - Faculty Summits, Internships, etc.
  - Focused Research Topics, broad collaborations
    - Topic areas: Computer Science, Earth, Energy, and Environment, Education and Scholarly Communication, Health and Wellbeing, Natural User Interface
    - Fellowships
  - Program Components include:
    - Support for diversity and systemic issues (Grace Hopper, etc.)
    - · Faculty and Student Awards
    - · Student access to free software and tools
    - · Dialogue (blogs, news, information, etc.)
    - Community (Research Accelerators i.e. access to free/open software)
    - Research collaborations with MSR
  - Programs harness energy & creativity of software developers
    - · By engaging with them as a community
    - · And managing activities by geography







## What Makes For Success?

## in University Relations investments

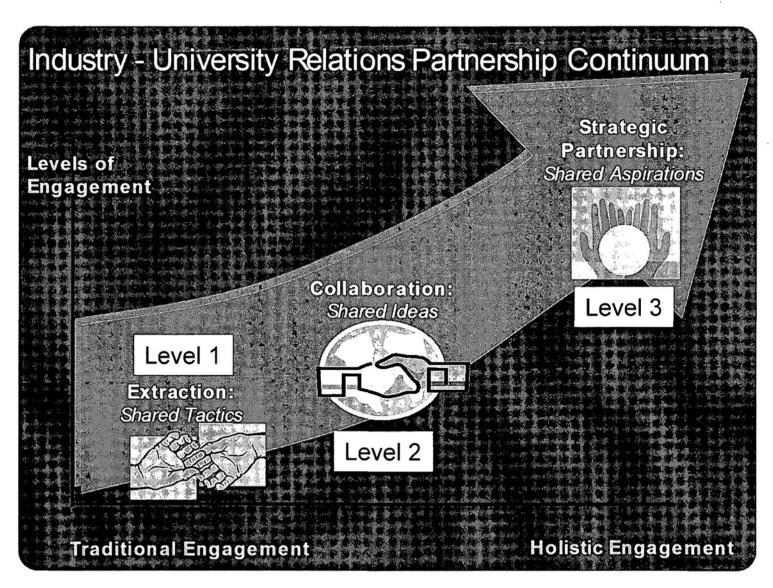
- A Strategic Focus founded on Business Needs
- Consistency and Reliability Over Time
- Priority on Creating Win:Win Situations
- Keeping an Open Agenda
  - Harvesting Serendipity
- Planned Growth into New Directions
  - With appropriate commitment of resources
- Be a Good Citizen, for the long haul
- Listen to Cornell study still very valid
  - Priorities change, but people don't

# How Does a Company Start?

### engaging with universities

- Recognize Today's Dynamics, Economics, Business Environment
  - Globalization, outsourcing, balancing
- Know Yourself
  - Understand needs, resources and timeframe realistically
- Make Investments Be Strategic
  - Begin where there are already strengths
  - Start small, do pilots/proof of concept projects
  - Focus on relationships, not deliverables
  - Be generous, especially to students
- Follow the People, Commit to the Institutions
  - Companies cannot be fickle with universities
- Design engagements to generate multiple outcomes

# Industry-University interactions at least 3 distinct levels

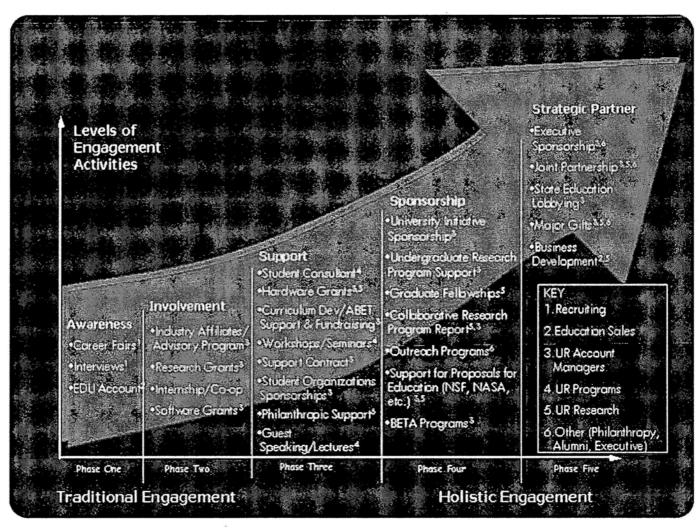






# The Partnership Continuum

- An increasing level of trust is developed.
- The relationship becomes a holistic engagement in the strategic partnership phase.



# "Today, the only remaining sustainable source of competitive advantage is implementation of new knowledge."

Lester Thurow



# Thank you

Robert R. Gruetzmacher, Ph.D., CLP

rrg@TechIAConnect.com

Wayne Johnson

wayne.johnson62@comcast.net

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WEBINAR TIL 150

Subject:	Invitation: FBI Webinar - Affliated organizations and government part @ Fri Sep 9 1pr 2:30pm Dic.fbi.gov)	n -
Location:	GoToMeetings	
Start: End:	Fri 9/9/2011 1:00 PM Fri 9/9/2011 2:30 PM	
Recurrence:	(none)	
Meeting Status:	Accepted	b6
Organizer: Required Attendees:	Duidp.net Dncet2.org;	b7C
dlbGRvbkBpYy5mYmkuZ29 Yjk4YjJjZWQyNWI&ctz=Am	alendar/event?action=VIEW&eid=dGV2bm5vYjlyMTJqbnZ2NDhqbjZzZTNicXMgdGhvb\ 92&tok=MTMjdG9ueUB1aWRwLm5ldDk1ZDE4ZDlhY2FmMzFmZTQ5OGExMWYxYzY nerica%2FNew_York&hl=en>	
I will confirm speakers and When Fri Sep 9 1pm – 2:3 Where GoToMeetings (ma Calendar	p < <u>http://maps.google.com/maps?q=GoToMeetings+&amp;hl=en</u> > ) <u>@ic.fbi.gov</u> - organizer	
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	DATE 12-14-2012 BY 60324 uc baw/sab/rs
From: Sent: To: Subject: Attachments:	@uidp.net] Wednesday, August 03, 2011 9:03 PM draft FBI webinar University Affiliated Organizations and External Alliances.v1.docx
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Please review and give n session. Thanks again for	ne your thoughts on this; Ga Tech and University of New Mexico are leading the or all of your support.
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The National Academies  www.uidp.org  Note - new email addres	· · · · · · · · · · · · · · · · · · ·

#### **University Affiliated Organizations and External Alliances**

#### **Webinar Description**

In order to accomplish their academic, service and research missions, universities have created a strategic set of affiliated organizations to cover the myriad of situations they face. These affiliated organizations include administrative organizations such as dependent and independent research foundations, and research performers such as non—profit and profit institutes. There are also hybrid organizations that have been formed where multiple organizations have come together to create a jointly managed organization. Universities partner with other institutions such as national labs and FFRDCs in pursuit of their mission.

This webinar will cover how these organizations operate and the rationale for having such relationships. Specific items to be covered include:

- Faculty sharing how academics can work in these diverse environments
- Student work how these organizations can impact students and what restrictions can be placed on students working in these affiliated organizations
- > Export Control and other regulatory issues what complexity these organizations bring to the regulatory environment
- > IP matters how IP is affected when these affiliates are involved in joint research

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	DATE 12-14-2012 B1 00324 UC Baw/Sab/15	-
From: Sent: Tu To: Cc:	@uidp.net] lesday, September 06, 2011 1:31 PM	
	vd: UIDP/FBI Webinar Announcement: "Affiliated Organizations and Government Partners"	
- here is anoth webinar series	ner announcement that you can send out to your agents as a reminder about Friday's	b6 b7С
The National Academ	nies' UIDP/FBI Webinar Series - Number III	
external parties such as of This webinar series, espe in today's hyper competiti	se their core functions of education, research and service and engage corporations, is not easily understood by organizations outside of academia. It is cially designed for the FBI, provides an overview of how universities operated to environment. This webinar, the third offering of the series, will address with affiliated organizations such as research foundations and institutes as	
•	ons and Government Partners" 11 at 1:00 PM EST/12:00 PM CST.	
Presented by: Julia Fulghum, Ph.D. Vice-President for Resear Professor of Chemical an University of New Mexico	ŭ ŭ	
•	nology Vice President and ech Research Institute (GTRI)	
Instructions for FBI Par	ticipants	
	their office computers will not be able to use the software used for the encouraged to call-in (using information below).	
Toll:	Access Code:	
For agents using an unse https://www2.gotomeeting	cured connection please register by clicking on this link: g.com/register	

How to ask questions during the webinar: This webinar is meant to benefit FBI agents who regularly work with universities. At the end of presentation, the presenter will address questions from the webinar participants. Questions can be posted on the webinar website or via email to <a href="mailto:fbiwebinar@ncet2.org">fbiwebinar@ncet2.org</a>

To view materials after the webinar: The slides and video of the recorded session (which will be

page.			
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The National Academies - UIDP	ь6		
	b7C		

@uidp.net

Note - new email address -

available within 24 hours after the webinar ends) will be posted in this page. You may also access the slides and video of the previous webinar/s in this series by clicking on the link at the bottom of the

#### The National Academies' UIDP Webinar Series

## "University Affiliated Organizations and External Alliances" Friday, September 9, 2011 1:00pm EDT

#### Webinar Description

In order to accomplish their academic, service and research missions, universities have created a strategic set of affiliated organizations to cover the myriad of situations they face. These affiliated organizations include administrative organizations such as dependent and independent research foundations, and research performers such as non –profit and profit institutes. There are also hybrid organizations that have been formed where multiple organizations have come together to create a jointly managed organization. Universities partner with other institutions such as national labs and FFRDCs in pursuit of their mission.

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- > Export Control and other regulatory issues what complexity these organizations bring to the regulatory environment
- > IP matters how IP is affected when these affiliates are involved in joint research

FBI agents working from their office computers will not be able to use the software used for the

#### **Instructions for FBI Participants**

webinar; these agents are encouraged to call-in (using information below) and follow presentation by viewing the slides that was emailed to you before the webinar.
Toll: Access Code:
For agents using an unsecured connection, please register (preferably before the webinar) by clicking on this link: <a href="https://www2.gotomeeting.com/register">https://www2.gotomeeting.com/register</a>

**How to ask questions during the webinar:** This webinar is meant to benefit FBI agents who regularly work with universities. At the end of presentation, the presenter will address questions from the webinar participants. Questions can be posted on the webinar website or via email to <a href="mailto:fbiwebinar@ncet2.org">fbiwebinar@ncet2.org</a>

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FBI - UIDP WERINAR

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2011 FBI/National Academies UIDP Webinar Series

How universities undertake their core functions of education, research and service and engage external parties such as corporations, are not easily understood by organizations outside of academia. This webinar series, especially designed for the FBI, provides an overview of how universities operate in today's hyper-competitive environment.

The first 90 minute webinar, entitled, "Student and Faculty Issues" is Friday, February 25, 2011 at 1:00 PM EST/12:00 PM CST. Dr. Bill Mellon from the University of Wisconsin, Madison will be the presenter.

#### Specific topics covered during this session:

Attachments: FBI webinar flyer feb 25 v4.pdf

- Graduate Student and Postdoctoral Researcher Recruitment
- 2. Student Selection of Research Groups
- 3. Criteria used to Evaluate Faculty Effectiveness/Success
- 4. Tenure What it Means and its Practical Effect

#### Instructions for FBI Participants

**FBI** agents working from their office computers will not be able to use the software used for the webinar; these agents are encouraged to call-in (using information below) and follow presentation that will be distributed on February 24, 2011. For agents using an FBI computer, they can access the webinar via phone:

Toll:	Access (	Code:

For agents using an unsecured connection, click here to register

#### How to ask questions during the webinar

This webinar is meant to benefit FBI agents who regularly work with universities. At the end of presentation, the presenter will address questions from the webinar participants. Questions can be posted on the webinar website or via email (send questions to **fbiwebinar@ncet2.org**).

WILLIAM S. MELLON, Professor of Pharmaceutical Sciences and Associate Dean for Research

Policy in the Graduate School University of Wisconsin-Madison. In the latter position, he is responsible for a breadth of research-related activities including: development of research policy, aspects of industrial contracts and Intellectual Property, the Responsible Conduct of Research Program, oversight of Conflict of Interest, Innovative and Economic Development Research Program, research integrity, Export Controls, and research involving animals, human subjects, stem cells, and select agents including aspects of biosafety, biosecurity and dual use. He is the past Chair of the Pharmaceutical Sciences Department and Associate Dean of Graduate Studies and Research in the School of Pharmacy, University of Wisconsin-Madison.

#### Webinar Organizer

The National Academies University Industry Demonstration Partnership (UIDP, <a href="www.uidp.org">www.uidp.org</a> ) is the organizer of this webinar series. While the UIDP is pleased to be the host of this webinar series, the views expressed are those of the presenters and not necessarily those of UIDP, its National Academies sponsor, the Government-University-Industry Research Roundtable (GUIRR), or the National Academies.

#### UNCLASSIFIED

#### FEDERAL BUREAU OF INVESTIGATION

Precedence	ce: ROUTINE	Date: 09/30/2011
To: Cour	nterintelligence	Attn: UC BA
Tra	ining	Attn:
From: Co	Contact: UC MAPA  By:  Georgacopoulos Péte	b6 b7c b7E
Drafted H	By:	
Case ID ‡	#: Pe	ending) b7A
Title: A	ACADEMIC ALLIANCE COLLEGE	AND UNIVERSITY SECURITY

Synopsis: This EC requests approval for FY 2012 funding to support the FBI's Academic Alliance CAUSE program.

EFFORT (CAUSE)

Details: The FBI's Academic Alliance CAUSE program has engaged with non-USG entities, specifically universities and colleges across the country, to protect critical technologies that have implications for U.S. national security. Foreign governments, intelligence services, and third-party competitors continue to use U.S. national security sensitive and proprietary information to advance their own military and economic positions against the U.S.

The FBI seeks to leverage the resources of the academic sector to work with the FBI nationally and in each community to effectively "harden targets" around projects of great importance to the U.S. Government. Critical university-affiliated laboratory research and development is being targeted by hostile foreign intelligence services in each of the FBI's 56 field offices.

UNCLASSIFIED

#### UNCLASSIFIED

To:	Counterintelligenc	e From:	Counterintelligence	b7A
Re:		09/30/201	1	

In support of the FBI's counterintelligence mission, CI personnel must regularly meet with our Academic Alliance partners to brief, exchange, and collaborate on threat data and situations potentially harmful to U.S. national security. These exchanges engage CI SSAs, SAs, IAs, and outside Subject Matter Experts in providing FBI priority information and knowledge so as to address the CI threats to U.S. national security and particularly, to academia.

It is estimated that 25 CAUSE meetings, conferences, and events will occur country-wide in FY 2012. Funding is therefore requested to support 25 travel requests for individual Counterintelligence Division (CD) and field office representatives to travel from CD or their field offices to attend, speak, and advise at these events.

The estimated amount of travel funds to support 25 travel requests for FY 2012 are as follows:

Air Fare	\$30,000
Lodging	\$10,000
Per diem	\$ 8,000
Miscellaneous	\$ 2,000
Car Rental	\$ 3,000
Taxi	\$ 2,000
Taxes	\$ 2,000
Mileage	\$ 3,000
•	
Total	\$60,000

As Program Manager of this initiative, I certify that this request meets the definition of "Operational" as defined by the Training Division. I understand that this TR# may be audited for compliance to the DOJ and Public Laws.

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To: Counterintelligence From: Counterintelligence Re: 09/30/2011 b7A	
LEAD(s):	
Set Lead 1: (Action)	
COUNTERINTELLIGENCE	
AT WASHINGTON, DC	
Allocate funds in the of amount of \$60,000 to support this request for the issuance of a TR# for the Academic Alliano CAUSE program.	
Set Lead 2: (Action)	
TRAINING	
AT QUANTICO, VA	
with is requested to coordinate with for the identification of funding and issuance of a TR# for the caption Operational Travel.	

b7E

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	(CD) (FBI)	DATE 12-14-2012 BY 60324 uc	baw/sab/rs
From: Sent: To: Cc: Subject:	Tuesday, September 06, 2011 5:09 PM  (CD) (FBI)  (FBI)  (NY) (FBI):  (FBI)  (NY) (FBI):  (FBI)  (NY) (FBI)	(CD) (FBI); (NY) (FBI): (NY) (FBI)	(CD) (NY) b6 b7c
the National Security Highe			
Dr. Samuel L. Stanley Jr. President State University of New Yo 310 Administration Buildir Stony Brook, NY 11794-07	ng		b6 b7с b7E
General Office Number:			
Thank you			
SSA Long Island Resident Age	ency		

September 9, 2011

Dr. Samuel L. Stanley, Jr. Office of the President State University of New York at Stony Brook 310 Administration Building Stony Brook, NY 11794-0701

Dear Dr. Stanley:

On behalf of the FBI, it is a pleasure to welcome you to the National Security Higher Education Advisory Board (NSHEAB). We are confident you will find, as we have, that your NSHEAB membership will generate meaningful discussion on a broad range of issues of importance to both the United States Intelligence Community and higher education.

Included in these meetings are discussions regarding technology and intellectual property export issues, cyber security, espionage, terrorism, foreign students and international visitors, as well as many other matters of mutual interest. In addition, I have attached the NSHEAB's mission statement for your review in order to provide a more complete description of the NSHEAB's goals.

Because of the nature of this advisory board, it is necessary for all board members
to hold security clearances at the "Secret" level. The FBI will facilitate the processing of these
security clearances to allow for your participation in classified discussions. The FBI field office
that covers your area is the New York Division headed by Assistant Director in Charge (ADIC)
telephone number ADIC will be personally
contacting you to welcome you to the board and initiate the clearance process. If you already
hold a clearance, we should be able to have those clearances passed to the FBI.
1 - ADIC, New York (PERSONAL ATTENTION)
1 - Mr. Figliuzzi (4012)
1 - Ms.
1 - Mr. Georgacopoulos (5829)
1 - Mr.
①- Mr.
1 - Ms.
b7A

**b6** b7C Dr. Samuel L. Stanley, Jr.

The next meeting for the	his board is scheduled for October 18,	2011. The
NSHEAB Program Manager is	telephone number	She can
provide additional information regard	ling this forum and would be able to ad	dress any questions.
We look forward to ha meetings.	iving you on board and joining us at ou	ır NSHEAB
	Sincerely yours	

Robert S. Mueller, III Director b6 b7с

#### Enclosure

1- Dr. Graham B. Spanier
Office of the President
The Pennsylvania State University
201 Old Main
University Park, PA 16802