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AFIT History

AFIT traces its roots to the early days of powered flight when it was apparent that the progress of military aviation depended upon special education in this new science. In 1919, the Air School of Application was established at McCook Field in Dayton, Ohio, the home of Orville and Wilbur Wright.

When Congress authorized creation of the Air Corps in 1926, the school was renamed the Air Corps Engineering School and moved to Wright Field in 1927. Shortly after Pearl Harbor, the school suspended classes, but it reopened as the Army Air Forces Engineering School in 1944 to conduct a series of accelerated courses to meet emergency requirements.

After World War II, 1946, the Army Air Force Institute of Technology was established as part of the Air Materiel Command. The Institute was composed of two colleges: Engineering and Maintenance, and Logistics and Procurement. These colleges were later redesignated the College of Engineering Sciences and the College of Industrial Administration.

When the Air Force became a separate service in 1947, the Institute was renamed the Air Force Institute of Technology. That same year, the School of Civil Engineering Special Staff Officer's Course began. In 1948 civilian institution programs were transferred to AFIT.

In 1950, command jurisdiction of AFIT shifted from Air Materiel Command to Air University (AU) with headquarters at Maxwell AFB, Alabama. The Institute, however, remained at what was now known as Wright-Patterson AFB. In 1951, the two AFIT colleges were combined into the Resident College.

The Institute established a logistics education program at WPAFB in 1955, and The Ohio State University conducted the first courses on a contract basis. In 1958, AFIT began a series of short courses in logistics as part of the Air Force Logistics Command (AFLC) Education Center. Later that year, the School of Logistics became a permanent part of AFIT.

In 1954, the 83d Congress authorized the Commander, Air University, to confer degrees upon persons in the AFIT Resident College. The college was later divided into the School of Engineering, the School of Logistics, and the School of Business. The first under-graduate engineering degrees were granted in 1956, and the first graduate degrees in business in 1958. The School of Business programs were transferred to civilian universities in 1960.

In 1963, the School of Logistics was redesignated the School of Systems and Logistics. The Civil Engineering Center was also redesignated as the Civil Engineering School.

In 1967, AFIT became a member of the Dayton Miami Valley Consortium (DMVC), which later changed its name to Southwestern Ohio Council for Higher Education (SOCHE). The council is an association of colleges, universities, and industrial organizations in the Dayton area which are united to promote educational advancement. AFIT has traditionally been active in both the council and in other community and interinstitutional programs.

As AFIT completes its eighth decade of operation, the staff and faculty reflect with pride on the contributions its graduates of resident schools and civilian institutions have made to engineering, science, technology, medicine, logistics, and management. These immeasurable contributions have been vital to national security.

AFIT's flexibility is such that it adjusts quickly to changing Air Force requirements. The faculty, comprised of highly qualified military and civilian personnel, stay abreast of projected Air Force operations, and the programs are continually updated to offer its students the latest available material. For example, an Air Force Software Review in 1989 led to AFIT programs in software engineering and software systems management barely a year later. When environmental concerns culminated in the Pollution Prevention Act of 1990, AFIT designed and implemented both graduate and professional continuing education programs in environmental engineering management.

During the past 80 years, more than 266,000 Department of Defense (DOD) personnel, including 30 United States astronauts, have attended AFIT programs.

In 1992, AFIT reorganized from four to five schools by specifically separating graduate education and professional continuing education.

Early in Fiscal Year 1997, the Secretary of the Air Force made a decision to close AFIT resident graduate schools. In anticipation of closure, AFIT developed and began a transition and closure plan. Resident Ph.D. students scheduled for FY 1997 were diverted to the Civilian Institution Program and a transition plan for actual closure was developed, identifying manpower positions for elimination in FYs 1997 through 2000.

In April 1998, after a visit to AFIT, the Acting Secretary of the Air Force, F. Whitten Peters, announced a reversal of the Air Force decision to terminate the AFIT resident graduate programs. AFIT was to continue a restructuring initiative begun in FY 1996 that would size the resident graduate programs to meet the Air Force education requirements of the FY 2003 force structure.

In December 1998, AFIT broke ground for a \$8.9 million engineering laboratory. The facility will be used for experimental research in aeronautical engineering, electrical engineering, applied physics and environmental science. The lab should be complete in the summer of 2000.

On October 1, 1999, as a result of the AFIT restructure, AFIT's two graduate schools were combined to become the Graduate School of Engineering and Management.

The future promises to be even more challenging than the past, but AFIT will continue to provide the environment and the opportunity for Air Force personnel to develop the professional and technological skills needed to master this dynamic challenge.

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Congratulations to AFIT's graduating class of June 2005!

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Master of Command, Control, Communications, Computer and Intelligence Systems

Major Timothy D. Bailey
Major Erik C. Bowman
Major Joseph M. Golovach, Jr.
Major Douglas J. Mellars
Major David L. Mulligan (In
Absentia)
Major Jerald H. Narum
Major Daryl A. Sassaman

Master of Science (Applied Computing)

Major Darren J. Demers *

Master of Science (Computer Science)

Captain Theresa D. Beaver

Master of Science (Computer Systems)

Major Alexander Iiyama Smith

Master of Science in Computer Engineering

Captain Felicia Nadine Harlow
Captain Jason Thomas Lawson (In
Absentia)

DEPARTMENT OF ENGINEERING PHYSICS

Master of Science (Applied Physics)

Major Monte David Anderson *
Major Mark Gerard Hoelscher *
Captain Nina M. Houtkooper (In
Absentia)
Captain Krista Grace Marchand
Major William P. Miller, Jr.

Master of Science (Nuclear Science)

Captain Fred Douglas Rothenbush,
Jr. (US Army)

DEPARTMENT OF AERONAUTICS AND ASTRONAUTICS

Master of Science (Aeronautical Engineering)

Major David R. St. Onge

Master of Science (Systems Engineering)

Major Michael Callender (In Absentia)
Major Theresa A. Jamison
Major William Andrew McGuffey
Major Jerome P. Osurman

Master of Space Systems

Major Scott L. Boushell
Major Christopher Rodger Colbert
Major Eric J. Denny
Major Timothy A. Gosnell
Major Patrick Shawn McDonald
Major Donna D. Shipton

Master of Science in Aeronautical Engineering

LT Richard M. Archer (US Navy) (In
Absentia)
Ensign Mark A. Blomer (US Navy)
LT Timothy J. Burke (US Navy) (In
Absentia)
LT Todd F. Cimicata (US Navy) (In
Absentia)
Ensign Ryan Lee Craft (US Navy)
LT Douglas M. Crane (US Navy) (In
Absentia)
LT Jason M. Denney (US Navy) (In
Absentia)
Ensign Frances K. Durham (US Navy)
Ensign Brett Lewis Jones (US Navy)
Ensign Zachary Addis Kennan (US
Navy)
Ensign Troy Andre Leveron (US Navy)
Ensign John D. Mack (US Navy) *
Ensign Tyler Lee Richardson (US
Navy)
Ensign Grant William Robinson (US
Navy)
Ensign Daniel D. Ropp (US Navy)
LT David J. Rueter (US Navy) (In
Absentia) *

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Captain Ronald T. Rozwood (In Absentia)

DEPARTMENT OF OPERATIONAL SCIENCES

Master of Logistics Management
Captain Maurice Oliver Alsing III (US Army)

Major John R. Bobroski
Major Jeanne I. Hardrath
Major Archie S. Herndon, Jr. (US Army)
Major Scott H. Jones
Major Daryl R. Kitchen
Major David P. Kuenzli
Captain Jeremy R. Lewis (US Army)
Major John C. Martin
Major Charles B. McFarland, Jr. *
Major Timothy J. Sundvall *
Major Scott Alan Thatcher

Master of Operational Sciences

Major Lewis E. Alford III
Major Waldemar F. Barnes
Major Shawn D. Cameron
Major Tyrell A. Chamberlain
Major Brian Alexander Dudas *
Major Roy P. Fatur *
Major Russell S. Garner (In Absentia)
Major Robert T. Hassler
Major Juris L. Jansons
Major John W. Lyons
Major Mark James MacDonald
Major Daniel B. McGibney
Major Todd A. Murphey
Major Skip Christopher-John Pribyl
Major Robert K. Umstead (In Absentia)
Major Paul A. Villem

Master of Science in Logistics Management

Major Konstantinos Iakovidis (Greece)

Master of Science (Operations Research)

Captain Eric Hawkes
Captain James Adam Markham

DEPARTMENT OF SYSTEMS AND ENGINEERING MANAGEMENT

Captain Christopher Kenneth Smith
Captain David A. Weinstein (US Marine Corps) (In Absentia)

Master of Science in Astronautical Engineering

Captain Michael Andrew Hansen
Captain Chad Robert Moeller

Master of Science in Systems Engineering

Major James Edwin Bowen, Jr.
Major Kevin P. Conner
Major Todd M. Copeland
Major J. Henry Cormier III
Major Darin D. Dean
Mr. Luis M. Diaz Rodriguez
Major Stephen J. Dobronski
Major Jeffrey E. Gates
Major William West Gideon *
Major Bradley Richard Harroff *
Major Lars R. Hubert
Major Paul M. Johnson
Major Paul Criswell Lambertson
Major Phillip A. Layman
Major Daniel Patrick McCutcheon
Major Timothy M. McKenzie
Major Brice T. Niska
Major Dwight F. Pavek
Major James F. Reynolds III
Major Matthew Roberson (In Absentia) *
Major William B. Rogan III
Major Gary E. Rose
Major Jerry Brett Scarborough (In Absentia)
Major John Jacob Schaefer III (In Absentia)
Major Michael Thomas Sheredy
Major David A. Sikora (In Absentia)
Major Alex Stathopoulos
Major Scott Thomas Thompson *
Major Rodney F. Todaro
Major Kelvin J. Townsend
Major Scott L. Ward
Major Michael D. Webb (In Absentia)
Major Steven Patrick Whitney *
Major Dale W. Wright

Doctor of Philosophy

Captain Kenneth A. Fisher
Captain Jay Francis Kucko (In Absentia)
Major Trevor Ian Laine (In Absentia)

**Master of Science (Strategic
Purchasing)**

Major Paul H. Schaum

Major Kelly Colin Tucker

* Distinguished Graduate

**Master of Science in
Management**

Major Edward T. Ackerman
Major Charles F. Arnold, Jr. *
Major Mark E. Baer
Major Todd Michael Berrier
Major Daniel E. Blake (In Absentia)
Major Robert Paul Bongiovi II
Major Mark E. Bowen *
Major John T. Cairney
Major Stan Gregory Cole
Major Michael A. Copley *
Major Kevin J. Daugherty
Major Aaron Bradley Dyke
Major Gary A. Gabriel, Jr.
Major Mary E. Gould
Major Henry G. Hamby IV
Major Janet Johnson Haug
Major Steven W. Hollis (In Absentia)
Major Paul H. Issler
Major Jean K. Iwai *
Major Eric William Johnson
Major Michael J. King
Major James K. Kossler
Major Matthew J. Lupone
Major Mark V. McDonald
Major Todd C. Miller
Major Frank Nicholson
Major Bradford N. Norris
Major William C. Patterson
Major Allen D. Patton
Major Jeffrey B. Salter
Major Erik Lars Simonsen
Major Homer R. Smith
Major Jason K. Sutton
Major Anthony Esmael Valerio
Major G. A. Wettengel, Jr.
Major Matthew J. Whiat
Major Joe L. White, Jr.
Major Patrick J. Windey

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10,700



What is AFIT?

The Air Force Institute of Technology (AFIT), located at Wright-Patterson AFB, Ohio, is the Air Force's graduate school of engineering and management as well as its institution for technical professional continuing education. A component of Air University, AFIT is committed to providing defense-focused graduate and professional continuing education and research to sustain the technological supremacy of America's air and space forces.

AFIT accomplishes this mission through three resident schools: the Graduate School of Engineering and Management, the School of Systems and Logistics, and the Civil Engineer and Services School. Through its Civilian Institution Programs, AFIT also manages the educational programs of officers enrolled in civilian universities, research centers, hospitals, and industrial organizations. Since resident degrees were first granted in 1956, over 15,000 graduate and 300 doctors of philosophy degrees have been awarded. In addition, Air Force students attending civilian institutions have earned over 12,000 undergraduate and graduate degrees in the past twenty years.

The Graduate School of Engineering and Management offers doctor of philosophy and master's degrees in aeronautical engineering, applied mathematics, astronautical engineering, computer engineering, computer systems, electrical engineering, electro-optics, engineering physics, nuclear engineering, and operations research. The graduate school also offers master's degrees in engineering and environmental management, military meteorology, operational analysis, space operations, systems engineering, cost analysis, logistics management, acquisition logistics management, supply management, transportation management, information systems management, systems management, contracting management, software systems management, and information resource management. In addition, the school offers the Master of Air Mobility degree in partnership with the Air Mobility Warfare Center at Fort Dix, New Jersey.

In ²⁰⁰⁴ 2001 the Graduate School of Engineering and Management awarded ³¹⁰ 207 master's degrees and 16 doctorates. With this high-quality research, every thesis has directly contributed to current military projects and issues, resulting in saving millions of dollars annually. AFIT research performed in FY2002 for the Air Force and other DoD customers resulted in saving of \$26 million.

5,000

The School of Systems and Logistics is the Air Force's sole provider of professional continuing education courses in the areas of acquisition, logistics, and software engineering. With over 40 courses, the school plans, develops, and conducts courses and programs to satisfy the technical management educational needs of logistics, systems, and

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acquisition customers from the Air Force, Department of Defense, and other federal agencies. Over 5,000 students receive education from the School of Systems and Logistics each year.

The school currently offers Air Force courses ranging in length from 3 days to 3 weeks in the following disciplines: reliability and maintainability, data management, the operational requirements process, logistics, configuration management, provisioning management, life cycle costs, acquisition management, and software engineering. It is also the leader in Web-based education for the acquisition and logistics workforce, providing the tools, skills, and abilities to manage the entire spectrum of a systems life cycle.

5000 The Civil Engineer and Services School provides professional continuing education in engineering, environmental, and management subjects for military officers and civilians in the civil engineering and services career fields. The school offers over 50 courses delivered in- residence and by on-site seminars, videotape and satellite presentations, and consultation services. More than 5,000 students worldwide receive education from the Civil Engineer and Services School annually.

The Office of Civilian Institution Programs manages the graduate degree programs of more than 2,300 Air Force members in civilian universities, research centers, hospitals, and industrial organizations to meet the specific educational requirements of the Air Force. Additionally, this program arranges professional continuing education courses for approximately 3,600 Air Force personnel annually.

Some of the most accomplished engineers and scientists in Air Force history are AFIT alumni. Air Force pioneers General George Kenney, General Jimmy Doolittle, and General Bernard Schriever attended AFIT programs prior to the time degrees were conferred. General Lawrence Skantze, who culminated his career as the commander of Air Force Systems Command, was one of the early degree graduates. Major General William Anders and fellow astronaut Colonel Guion Bluford also attained graduate degrees at AFIT while General Lester Lyles, Commander, Air Force Materiel Command, is an AFIT Civilian Institutions graduate.

The effects of AFIT's educational programs pervade the Air Force and Department of Defense. Graduates are assigned to a wide range of positions in a rapidly changing technological environment. They become both practicing engineers and broadly educated leaders. No matter what degree a student earns, AFIT's primary goal is to graduate mission-ready men and women who can positively impact the Air Force.

As the scientific and technical capabilities of the Air Force continue to evolve, AFIT strives to maintain a corps of officers and other leaders who are prepared intellectually to harness these innovations and apply them so that our Air Force is prepared to conduct and sustain decisive operations. AFIT will continue to ensure that members of our force have the in-depth knowledge in military sciences and defense technologies needed to uphold the high standards of the most powerful aerospace force in the world. As the Air Force continues to excel in the challenges of the 21st Century, AFIT stands poised to lead the way in meeting the educational needs of our Air Force and Department of Defense.

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DCN:118821
COORDINATION emails:

Carroll, Ray, CIV, WSO-BRAC

From: Carroll, Ray, CIV, WSO-BRAC
Sent: Saturday, July 30, 2005 7:08 AM
To: 'White, CAPT Jonathan'
Cc: 'dsmarsh@nps.edu'
Subject: RE: BRAC visit to Monterey

Sir,
Thank you for your flexibility in planning our work schedule. Friday afternoon is excellent. I will send an email to Dr. Chang and request to visit the NRL on Thursday afternoon. I look forward to working with you and your staff.
V/R
Syd Carroll - BRAC

From: White, CAPT Jonathan [mailto:jonathan.white@fnmoc.navy.mil]
Sent: Friday, July 29, 2005 8:10 PM
To: 'Carroll, Ray, CIV, WSO-BRAC'
Cc: Titley, CAPT David; Clancy, Mike; Chang, Dr. Simon; Lane, CDR Tim; 'Smarsh, Dave USA'; 'protocol@monterey.army.mil'
Subject: RE: BRAC visit to Monterey

Mr. Carroll,

After coordinating with Col Smarsh and Ms. Speed, I am tentatively planning for you to visit FNMOC on Fri afternoon (5 Aug). I believe a 90 minute visit would allow time for briefing & discussion and a short tour. I will work the specific timing details with NPS on Monday.

I also understand you may want to visit NRL Monterey as well, potentially on Thu afternoon (4 Aug). They are collocated with us, but I will let them coordinate with your office and DLI separately if required. I have cc'd their Superintendent (Dr. Simon Chang) and his military deputy (CDR Tim Lane) on this email.

V/R, Jon

CAPT Jon White
XO, FNMOC Monterey
831-656-4327 (DSN 878-)

-----Original Message-----

From: White, CAPT Jonathan
Sent: Friday, July 29, 2005 12:26 PM
To: 'Carroll, Ray, CIV, WSO-BRAC'
Cc: Titley, CAPT David; Clancy, Mike
Subject: RE: BRAC visit to Monterey

Mr. Carroll,

Thank you for stepping in and adding us to the list for your visit, and for ensuring we get a seat at the Commissioner briefings. We are really looking forward to hosting you for a short while and letting you see the "other" Navy command and installation in Monterey. I will work the details with Col Smarsh and Ingrid, and get back to you.

As I'm sure you could tell by my email, we are concerned (and a bit frustrated) that we could be collaterally impacted by the NPS/DLI/AFIT study without any consideration by the Commission. In my opinion, the regionalization of Navy installations and infrastructure has complicated the Navy's BRAC process in dealing with individual commands.

V/R, Jon

CAPT Jon White
XO, FNMOC Monterey
831-656-4327 (DSN 878-)

-----Original Message-----

From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]
Sent: Friday, July 29, 2005 5:42 AM
To: jonathan.white@fnmoc.navy.mil
Subject: BRAC visit to Monterey

Captain White,

I received your message regarding your concerns about FNMOC in the event the Commission recommends changes to the Naval Postgraduate School. We would like to visit your command while we are in Monterey the 4th and 5th of August.

Thus far our work agenda has been coordinated with Col. Smarsh at NPG and Ingrid Speed (Protocol Officer) at DLI. I emailed Col. Smarsh this morning and asked him to coordinate time with your command on the afternoon of the 4th or 5th. I also asked him include your command in the Commissioner briefings on the 8th in the am.

Please let me know what arrangements are made to visit your command so we can coordinate the logistics.

V/R
Syd Carroll
Senior Analyst
BRAC Commission

(703) 699-2959
(757) 870-7337 (cell)

DCN: 11882

Carroll, Ray, CIV, WSO-BRAC

From: Carroll, Ray, CIV, WSO-BRAC
Sent: Friday, July 29, 2005 11:10 AM
To: 'Smarsh, Dave USA'
Subject: RE: BRAC visit information

Sir,
Thanks for the contact information.

I think that starting at 0730 will be fine. Also, a joint tour for the commissioners would probably be best.
V/R
Syd

From: Smarsh, Dave USA [mailto:dsmarsh@nps.edu]
Sent: Friday, July 29, 2005 11:00 AM
To: Carroll, Ray, CIV, WSO-BRAC
Subject: RE: BRAC visit information

Syd, thanks for the response

NRL: Superintendent is Dr. Simon Chang 831-656-4758
email: chang@nrlmry.navy.mil

FNMO: CAPT Dave Titley (Commander) (831) 656-4327 David.Titley@fnmoc.navy.mil
CAPT Jon White (XO), jonathan.white@fnmoc.navy.mil

Would it be possible to start 0730L vice 0800L--suggest do NRL and FNMO briefs 15 min each. Our mission brief for NPS will be about 20 min leaving just over an hour to tour the facility---overall, not much time.

One other question from before

- Do you think ADM Gahmen or the Honorable James V. Hansen would be interested or like separate agendas on their tour part here? (we could do separate tours if they have different interests)

If you ever need to call me off hours, my cell 831-901-4202.

Thanks, Dave

David A. Smarsh, Phd
Col, USAF, Chief of Staff
Naval Postgraduate School
1 University Dr Rm M10
Monterey CA 93943
DSN 756-2511 Comm (831) 656-2511
email dsmarsh@nps.edu

From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]
Sent: Friday, July 29, 2005 5:26 AM
To: Smarsh, Dave USA
Subject: RE: BRAC visit information

7/31/2005

DCN: 11882

Sir,

I'm sorry for the delay in responding. I was tied up with OSD folks until late evening.

I appreciate your offer to work on the 6th or 7th if necessary, but I think we can finish on the 5th.

We would like to visit the FNMOC and NRL during our staff visit. I think we can still finish at NPS and DLI and visit either FNMOC or NRL mid afternoon on the 4th and the other command mid afternoon on the 5th. I will email CAPT White and ask him to coordinate with you, but I don't have a contact at the NRL.

I think it's important for the Commissioners to meet the commanders of the FNMOC and NRL and hear first-hand what they do for our country. Unfortunately, there simply isn't enough time to accomplish a visit to their facilities. I suggest that they be included in the meeting with the Commissioners the morning of the 8th and be given time on the agenda for a short briefing.

Lastly, if you could email me the answers to the preliminary questions, I would appreciate it.

Thank You!!

V/R

Syd Carroll

PS: Unfortunately I am not a NPS graduate. My background is Army.

From: Smarsh, Dave USA [mailto:dsmarsh@nps.edu]

Sent: Thursday, July 28, 2005 3:52 PM

To: Carroll, Ray, CIV, WSO-BRAC

Subject: RE: BRAC visit information

Syd,

Few questions/comments:

- If you don't get all info and discussions finished on Friday, 5 Aug, we can meet 6th or 7th if you desire
- As you know, we have two other major Navy tenants on base not part of NPS, Fleet Numerical Meteorological and Oceanographic Center (FNMOC) and the Naval Research Lab (NRL). CAPT White, the FNMOC XO sent you an email yesterday.
- Do you think ADM Gahmen or the Honorable James V. Hansen would be interested or like separate agendas? (we could do separate tours if they have different interests)
- You ask for written response to questions---do you want those upon arrival or in advance?

v/r, Dave

David A. Smarsh, Phd
 Col, USAF, Chief of Staff
 Naval Postgraduate School
 1 University Dr Rm M10
 Monterey CA 93943
 DSN 756-2511 Comm (831) 656-2511
 email dsmarsh@nps.edu

PS Someone told me you are a NPS alumni...do you have a Navy background?

From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]

Sent: Wednesday, July 27, 2005 2:44 PM

To: Smarsh, Dave USA

Subject: RE: BRAC visit information

7/31/2005

DCN: 11882

Sir,
All the Commissioners have Secret clearances. My clearance level is Top Secret.

With respect to the public hearing, I have attached a page from our website that shows the hearings scheduled and the topics to be presented. Each group that requests to speak at a hearing to present their views on a proposed BRAC action is given 45 minutes, after which the Commissioners can ask questions. The public hearings provide civilian groups (cities, community organizations, elected officials, etc.) an opportunity to share concerns with the Commission. I hope this explanation answers your question.

V/R
Syd

From: Smarsh, Dave USA [mailto:dsmarsh@nps.edu]
Sent: Wednesday, July 27, 2005 5:14 PM
To: Carroll, Ray, CIV, WSO-BRAC
Subject: RE: BRAC visit information

Syd, Thanks,

Few other questions,

Does the Commissioners have clearances in case tour goes into our SCIF?

What is the agenda for the public hearing?...(i.e. discussion between Commissioners and selected questions)
I assume attendance city, public officials and citizens (no one from NPS/DLI)

Thanks, Dave

David A. Smarsh, Phd
Col, USAF, Chief of Staff
Naval Postgraduate School
1 University Dr Rm M10
Monterey CA 93943
DSN 756-2511 Comm (831) 656-2511
email dsmarsh@nps.edu

From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]
Sent: Wednesday, July 27, 2005 10:20 AM
To: Smarsh, Dave USA
Subject: RE: BRAC visit information

Sir,

Attached are the correct questions for NPS. I apologize for the earlier version.

V/R

Syd

7/31/2005

DCN: 11882

From: Smarsh, Dave USA [mailto:dsmarsh@nps.edu]
Sent: Wednesday, July 27, 2005 1:11 PM
To: Ray.Carroll@wso.whs.mil
Cc: Conner, George USA
Subject: FW: BRAC visit information

Syd, As discussed on the phone, please take a look at questions

1 b and c: are the same
3: asks for AFIT's position (think you meant NPS)

v/r Col Dave Smarsh

David A. Smarsh, Phd
Col, USAF, Chief of Staff
Naval Postgraduate School
1 University Dr Rm M10
Monterey CA 93943
DSN 756-2511 Comm (831) 656-2511
email dsmarsh@nps.edu

From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]
Sent: Tuesday, July 26, 2005 2:11 PM
To: Smarsh, Dave USA
Cc: Van Saun, David, CIV, WSO-BRAC; Hood, Wesley, CIV, WSO-BRAC; Dean, Ryan, CIV, WSO-BRAC
Subject: BRAC visit information

Col. Smarsh,

Your assistance in helping the Commission with its work is sincerely appreciated. We look forward to visiting NPS on August 5th and 8th. My understanding of the itinerary for our visit is attached. The only open action in the itinerary is arrangements for travel between NPS and DLI on the 8th. It would be appreciated if NPS and DLI could coordinate transportation for the Commissioners and four BRAC analysts. The four analysts who will visit NPS on the 5th and 8th are myself, Mr. Dave Van Saun, Mr Wes Hood, and Mr. Ryan Dean.

With regard to the commands' presentation for the Commissioners, I would suggest a short command briefing followed by a tour of the school facilities. The briefing should highlight the programs offered at NPS, the value added to DoD's overall mission by the school, and unique aspects of the school. Attached to this message are the commissioner's biographies. As mentioned earlier, commissioners Gehman and Hansen will visit NPS.

Also attached is a list of questions requesting data on your education programs. We would appreciate written responses to these, and would like to discuss the responses during our staff visit on August 5.

Again, thank you for your help.

VR

Syd Carroll

Senior Analyst

7/31/2005

DCN: 11882

BRAC Commission

DCN: 11882

Carroll, Ray, CIV, WSO-BRAC

From: Smarsh, Dave USA [dsmarsh@nps.edu]
Sent: Friday, July 29, 2005 11:00 AM
To: Carroll, Ray, CIV, WSO-BRAC
Subject: RE: BRAC visit information

Syd, thanks for the response

NRL: Superintendent is Dr. Simon Chang 831-656-4758
email: chang@nrlmry.navy.mil

FNMOCC: CAPT Dave Titley (Commander) (831) 656-4327 David.Titley@fnmoc.navy.mil
CAPT Jon White (XO), jonathan.white@fnmoc.navy.mil

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If you ever need to call me off hours, my cell 831-901-4202.

Thanks, Dave

David A. Smarsh, Phd
Col, USAF, Chief of Staff
Naval Postgraduate School
1 University Dr Rm M10
Monterey CA 93943
DSN 756-2511 Comm (831) 656-2511
email dsmarsh@nps.edu

From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]
Sent: Friday, July 29, 2005 5:26 AM
To: Smarsh, Dave USA
Subject: RE: BRAC visit information

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7/29/2005

DCN: 11882

the agenda for a short briefing.

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Thank You!!
V/R
Syd Carroll

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From: Smarsh, Dave USA [mailto:dsmarsh@nps.edu]
Sent: Thursday, July 28, 2005 3:52 PM
To: Carroll, Ray, CIV, WSO-BRAC
Subject: RE: BRAC visit information

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email dsmarsh@nps.edu

PS Someone told me you are a NPS alumni...do you have a Navy background?

From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]
Sent: Wednesday, July 27, 2005 2:44 PM
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Sir,
All the Commissioners have Secret clearances. My clearance level is Top Secret.

With respect to the public hearing, I have attached a page from our website that shows the hearings scheduled and the topics to be presented. Each group that requests to speak at a hearing to present their views on a proposed BRAC action is given 45 minutes, after which the Commissioners can ask questions. The public hearings provide civilian groups (cities, community organizations, elected officials, etc.) an opportunity to share concerns with the Commission. I hope this explanation answers your question.

V/R
Syd

7/29/2005

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Few other questions,

Does the Commissioners have clearances in case tour goes into our SCIF?

What is the agenda for the public hearing?... (i.e. discussion between Commissioners and selected questions)
I assume attendance city, public officials and citizens (no one from NPS/DLI)

Thanks, Dave

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V/R

Syd

From: Smarsh, Dave USA [mailto:dsmarsh@nps.edu]
Sent: Wednesday, July 27, 2005 1:11 PM
To: Ray.Carroll@wso.whs.mil
Cc: Conner, George USA
Subject: FW: BRAC visit information

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7/29/2005

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v/r Col Dave Smarsh

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From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]
Sent: Tuesday, July 26, 2005 2:11 PM
To: Smarsh, Dave USA
Cc: Van Saun, David, CIV, WSO-BRAC; Hood, Wesley, CIV, WSO-BRAC; Dean, Ryan, CIV, WSO-BRAC
Subject: BRAC visit information

Col. Smarsh,

Your assistance in helping the Commission with its work is sincerely appreciated. We look forward to visiting NPS on August 5th and 8th. My understanding of the itinerary for our visit is attached. The only open action in the itinerary is arrangements for travel between NPS and DLI on the 8th. It would be appreciated if NPS and DLI could coordinate transportation for the Commissioners and four BRAC analysts. The four analysts who will visit NPS on the 5th and 8th are myself, Mr. Dave Van Saun, Mr Wes Hood, and Mr. Ryan Dean.

With regard to the commands' presentation for the Commissioners, I would suggest a short command briefing followed by a tour of the school facilities. The briefing should highlight the programs offered at NPS, the value added to DoD's overall mission by the school, and unique aspects of the school. Attached to this message are the commissioner's biographies. As mentioned earlier, commissioners Gehman and Hansen will visit NPS.

Also attached is a list of questions requesting data on your education programs. We would appreciate written responses to these, and would like to discuss the responses during our staff visit on August 5.

Again, thank you for your help.

VR

Syd Carroll

Senior Analyst

BRAC Commission

7/29/2005

DCN: 11882

Carroll, Ray, CIV, WSO-BRAC

From: Carroll, Ray, CIV, WSO-BRAC
Sent: Saturday, July 30, 2005 7:13 AM
To: 'Smarsh, Dave USA'
Subject: RE: BRAC visit information

Sir,

Fromm 0800 to mid afternoon would be great. We'll have to play the ending time by ear until I can firm up a visit to NRL with Dr. Chang.

We would like the NPS perspective on a realignment of AFIT to Monterey, but the BOS information we can discuss during our visit.

V/R
Syd

From: Smarsh, Dave USA [mailto:dsmarsh@nps.edu]
Sent: Friday, July 29, 2005 7:55 PM
To: Carroll, Ray, CIV, WSO-BRAC
Cc: Conner, George USA
Subject: BRAC visit information

Syd,

1. 5 Aug, what times do you want to plan for discussion---I have 0730-1630L
2. Reference question 5: Do you want us to address the following options: receiving AFIT in Monterey, consolidation with DLI?
 5. Explain your BOS structure and procedures. Include details on cost, manning, and how you might expand your program to cover other organizations and/or locations in the same local area.

Thanks, Dave

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email dsmarsh@nps.edu

From: Carroll, Ray, CIV, WSO-BRAC [mailto:Ray.Carroll@wso.whs.mil]
Sent: Friday, July 29, 2005 8:10 AM
To: Smarsh, Dave USA
Subject: RE: BRAC visit information

Sir,

Thanks for the contact information.

7/31/2005

DCN: 11882

I think that starting at 0730 will be fine. Also, a joint tour for the commissioners would probably be best.
V/R
Syd

From: Smarsh, Dave USA [mailto:dsmarsh@nps.edu]
Sent: Friday, July 29, 2005 11:00 AM
To: Carroll, Ray, CIV, WSO-BRAC
Subject: RE: BRAC visit information

Syd, thanks for the response

NRL: Superintendent is Dr. Simon Chang 831-656-4758
email: chang@nrlmry.navy.mil

FNMOCC: CAPT Dave Titley (Commander) (831) 656-4327 David.Titley@fnmoc.navy.mil
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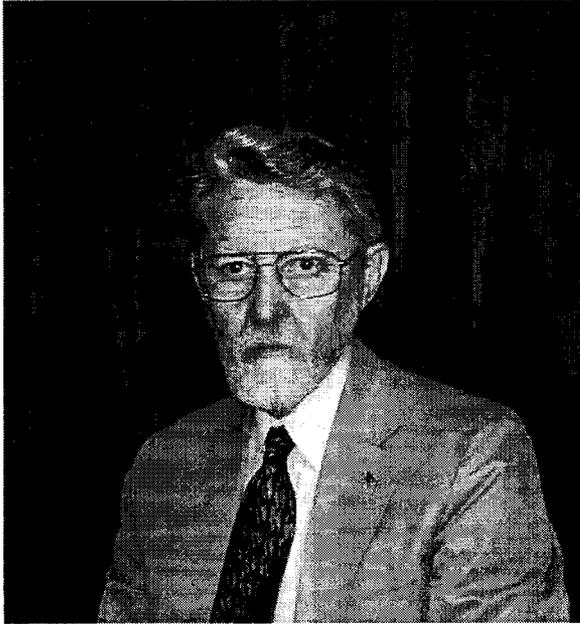
Syd Carroll

Senior Analyst

BRAC Commission

7/31/2005

BIOGRAPHY-PETER JOHN TORVIK



Peter John Torvik was educated at the University of Minnesota and earned the B. S. degree with concentration in Aeronautical Engineering in 1960, the M.S. degree with major in Engineering Mechanics and minors in Mathematics and Aeronautical Engineering in 1962, and the Doctor of Philosophy with major in Engineering Mechanics and minor in Mathematics in 1965. In 1980, he earned a Bachelor of Arts degree from Wright State University, with concentration in Music Theory and History, and in 1988 he completed Penn State University program in Senior Executive Management.

Dr. Torvik began his research career as an undergraduate, working on Air Force sponsored studies of vibration damping in the experimental materials laboratories of University of Minnesota. As a graduate student, he held the positions of teaching assistant, research assistant, Fellow, and Instructor. He began his service at the Air Force Institute of Technology in 1964 as an Assistant Professor in the Department of Mechanics of the School of Engineering, was promoted to Associate Professor in 1967, to Professor in 1973, and was selected as the Institute's third senior research faculty position in 1975. Following a sabbatical at the Ohio State University in 1979, he assumed the duties of Head of the Department of Aeronautics and Astronautics in 1980. As department head, he continued in teaching and research while developing programs which provide new opportunities in undergraduate,

graduate, post-doctoral and continuing education. In 1990, he returned to full-time faculty duty, from which he retired in 1996. He now provides consulting support in technical areas and in the development of organizations for collaborative research and education.

As a member of the faculty of the School of Engineering, he developed and taught courses in solid mechanics, structural dynamics and weapons effects to candidates for Master's and doctoral degrees. His active research programs, primarily in wave propagation, damping, and weapons effects, have led to some 70 publications, a similar number of presentations at conferences and symposia, and a score of technical reports. Five doctoral candidates and more than 70 Master's students have earned their graduate degrees by completing research under his direction. He has been active in several professional societies, through serving as a member or chair of seven national committees, arranging technical symposia, and reviewing papers for numerous journals. He served regularly as a member of teams evaluating engineering programs for accreditation.

Among other honors and awards, he is the 2002 recipient of the John Leland Atwood award and medal jointly given by the AIAA and ASEE. He has been elected a Fellow of the American Institute of Aeronautics and Astronautics, a Life Fellow of the American Society of Mechanical Engineers, and has received Air Force Medal for Exceptional Civilian Service, the Air Force Medal for Meritorious Civilian Service, and the USAF Outstanding Civilian Career Service Award. His biography appears in *Who's Who in Engineering* and *Who's Who in the Midwest*.

A long-time Dayton resident, he now lives in the country, south of Xenia. His wife, Patricia, who holds a doctorate in the philosophy and history of education, is retired from the position of Chief Executive Officer of the Dayton Mental Health Center. Their elder son, Peter, who graduated from Harvard and the New England Conservatory and studied musical acoustics at the University of Paris, now lives in Grenoble, France, teaches music theory and composition at the National Conservatory at Chambéry, and composes music. Their younger son, Carl, graduated from Cornell University (entomology). He worked as a chef for a number of years, returned to graduate school for a MS in biology, is married, has a daughter, and lives near Indianapolis. Dr. Torvik is President of the AFIT Foundation, Chairman of the Greene County Selective Service Board, Vice-President of the Honors Seminars of Metropolitan Dayton, and a member of the Board of Trustees of the Dayton Philharmonic Orchestra.

AFIT

1. Why would the BRAC even consider the Air Force Institute of Technology for closure when a very thorough, independent study in 1998 showed that AFIT was the most cost-effective way to meet the Air Force's graduate education needs?
2. Given the invaluable functional cooperation that exists among the research and acquisition missions at Wright-Patterson AFB, why would AFIT be considered for realignment to the relative isolation of the Naval Postgraduate School (NPS)? Also, wouldn't the privatization of AFIT even further remove Air Force students from the multi-mission associations available at WPAFB?
3. The GAO Report (GAO-05-785 page 53) shows that closing NPS would save \$90 million annually and that closing AFIT would only yield \$8 million savings annually. I know the DoD senior leaders might like to register as students in the comforts of Monterey, but from a purely economic perspective why not at least look at a possible realignment of NPS to AFIT and WPAFB?

Springfield ANG Base / 178th FW

1. Why are the F-16s being realigned from the 178th's pilot training mission when it is unclear when the Air Force will no longer need substantial F-16 pilot production?
2. If the realignment of the 178th jets is inappropriately sustained by the commission, how will the Air Force deal with an apparent F-16 pilot training shortfall?
3. After injecting over \$75 million at Springfield to support the pilot training mission, I want to know why the Air Force is moving the 178th's F-16s when there is clearly no savings generated by the action. What are the savings that the DoD sees as justification for the realignment of the jets?

WPAFB's Development & Fielding Systems Group (DFSG)

1. As the Air Force embarks on investing several hundred million dollars in DFSG managed Enterprise Resource Planning (ERP) solutions, proximity to the primary customer is imperative. Why is the Air Force not willing to keep the DFSG in place, close to its primary customers at HQ AFMC?
2. Hanscom AFB has no room to grow into a joint operation and is in a high cost of living area; yet, you are trying to shoehorn a 50% increase of personnel on to Hanscom. Why?
3. Management of Commercial Off the Shelf (COTS) software *is not* appropriately categorized as Command, Control, Communication, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR). Why are we consolidating DFSG with C4ISR and increasing the risk of failure?

DCN: 11882

4. The DFSG direct, on-site contractor employees required to sustain the operation were not counted in the COBRA costs. If counted, the BRAC's \$229 million savings in 2025 turns into nearly a \$1 billion loss. How does this make sense?

Additional questions for Charlie Battaglia:

It was revealed in a meeting yesterday that the cut-off for information to DOD was September 2003. How are you accounting for major changes to facilities since that time [new buildings, for example]?

How are you treating indirect costs for contractors that will eventually be factored into higher contract costs?

DCN: 11882

Carroll, Ray, CIV, WSO-BRAC

From: Adams Susan A Civ AFIT/CCP [Susan.Adams@afit.edu]
Sent: Tuesday, July 26, 2005 3:55 PM
To: Carroll, Ray, CIV, WSO-BRAC
Subject: Maps
Attachments: Airport to Lodging map & Lodging to Research Park.ppt; map for the Hope or VQ.ppt

Hey Sid,

Here you go! Hope these maps help you find your way.
If you have any questions, feel free to call us at 937-255-2321, that is the Command Section phone number.

Your lodging confirmation number is 20770363303. Reservation is under your name,
but your room will be in the VQ on base not the Hope Hotel.

If you call me when you are on your way from the airport to lodging I will meet you at the Q and show you
someplace nice but reasonable for lunch.
Only if you feel that would be appropriate.

If you like pizza, Giovanni's in Fairborn on Main Street is the best in Dayton.

My cell phones are (protocol) 937-620-0675 or (personal) 937-581-9855.

//SIGNED//
Susie Adams
AFIT/CCP
937-255-9624
DSN 785-9624

7/26/2005

Carroll, Ray, CIV, WSO-BRAC

From: Carroll, Ray, CIV, WSO-BRAC
Sent: Tuesday, July 26, 2005 3:22 PM
To: 'susan.adams@afit.edu'
Subject: BRAC visit information

Attachments: Biographies - FINAL.pdf; AFIT questions.doc; AFIT itinerary.doc



Biographies - FINAL.pdf (129 K...
AFIT questions.doc (37 KB)
AFIT itinerary.doc (43 KB)

Susan,

Your assistance in helping the Commission with its work is sincerely appreciated. I look forward to visiting AFIT on August 1st and 2d. My understanding of the itinerary for our visit is attached. Please let me know if it is incorrect.

With regard to the commands presentation for the Commissioners, I would suggest a short command briefing followed by a tour of the school facilities. The briefing should highlight the programs offered at AFIT, the value added to DoD's overall mission by the school, and unique aspects of the school. Attached to this message are the commissioner's biographies. As mentioned earlier, commissioners Newton and Skinner will visit AFIT.

Also attached is a list of questions requesting data on your education programs. I would appreciate written responses to these, and would like to discuss the responses prior to the Commissioner's arrival.

Again, thank you for your help.

VR

Syd Carroll

Senior Analyst

BRAC Commission

AFIT QUESTIONS

1. Please provide the following data regarding AFIT students.
 - a. The number of master's and doctorate degrees awarded, by type, for school years 2000-2004.
 - b. The number of students enrolled in masters and doctorate programs, by type, for school years 2000-2005 in AFIT's Graduate School of Engineering and Management.
 - c. The number of students enrolled in masters and doctorate programs, by type, for school years 2000-2005 through AFIT's Office of Civilian Institution Programs.
 - d. The number of military, civilian, and contractor faculty, by Graduate School of Engineering and Management program, for school years 2000-2005.
 - e. The number of non-US students, by country, enrolled in and graduated from the Graduate School of Engineering and Management programs for school years 2000-2005.

2. We recognize that the Graduate School of Engineering and Management provides defense focused courses to improve their relevancy for service and DoD personnel. This aside, what specific master's program courses does the Graduate School of Engineering and Management teach that are not available through the private university system.

3. During its BRAC assessment process, the DoD Education and Training Joint Cross Service Group considered several scenarios pertaining to postgraduate education. These scenarios included (1) privatizing all postgraduate education, and (2) consolidating all postgraduate education at the Naval Postgraduate School. A third scenario, which the DoD did not consider, would be to consolidate all postgraduate education at AFIT. What is AFIT's position, and why, on each of the scenarios with regard to:
 - a. Its affect on instructional quality.
 - b. Its impact on the military's officer corp.
 - c. Its impact on DoD's education system.
 - d. Program costs.
 - e. The value added to DoD's overall mission.

4. Are there specific courses or research programs that should not be considered for privatization or consolidation? If so, please explain what they are and why.

5. Explain your BOS structure and procedures. Include details on cost, manning, and how you might expand your program to cover other organizations and/or locations in the same local area.

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Susy Adams
(937) 255-9624

Susad.adams@AFit.edu

My visit: 8/1 (Pm) - 8/2 (Am)

Comm Visit: 8/2 (P.m)

Questions Sent. 9/26

MARILYN Wasleski (cell)

410 693-1852