

VINCENT D. BERRETTINI

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EDUCATION	University of Pittsburgh at Bradford	Bradford, PA
	• Bachelor of Science, Mathematics Education & Applied Mathematics.	April 2014
	United States Air Force Academy	Colorado Springs, CO
	• Bachelor of Science, Astronautical Engineering.	June 2004
	New Mexico Military Institute, USAF Academy Preparatory School	Roswell, NM
	• Attended NMMI under a USAF sponsored Falcon Foundation Scholarship.	May 2000

HONORS	UPB Dean's List: Fall 2011 through Spring 2014.
	USAF Dean's Honor List: Spring 2001, Fall 2002, Fall 2003, Spring 2004.
	USAF Commandant's Honor List: Fall 2003, Spring 2004.
	NMMI High Honor Status: Fall 1999, Spring 2000.

RESEARCH	Resource Guide	Eldred, PA
	<i>Eldred WWII Museum</i>	January 2013 – May 2013
	• Assembled an extensive resource guide for the Eldred WWII Museum for use in PA school districts.	
	• Presented resource guide to the Allegheny National Forest Visitors Bureau.	
	FalconSAT-3	Colorado Springs, CO
	<i>Communications and Data Handling Systems</i>	August 2003 – June 2004
	• Managed satellite communications and data handling systems.	
	• Fabricated and assembled components for FalconSAT-3 Qualification Model.	
	• Delivered Critical Design Review to Department of Defense Personnel.	
	USAF Senior Research Project	Colorado Springs, CO
<i>Independent Research</i>	January 2004 – June 2004	
	• Performed NASA-requested research on breakthrough space propulsion systems.	
	• Published results, "The Coupling of Charge and Mass as a Propulsive Mechanism," 55th International Astronautical Congress 2004, Vancouver, Canada (IAC-04-IAF-1581).	

EXPERIENCE	Port Allegany School District	Port Allegany, PA
	<i>Mathematics Teacher</i>	August 2014 – Present
	• Currently employed as a 7 th grade Mathematics Teacher with the Port Allegany School District.	
	Port Allegany School District	Port Allegany, PA
	<i>Substitute Teacher</i>	May 2011 – August 2014
	• Employed as a substitute teacher with the Port Allegany School District.	
	Port Allegany & Smethport School Districts	Port Allegany / Smethport, PA
	<i>Student Teacher</i>	January 2014 – April 2014
	• Taught 8 th , 9 th , 11 th , and 12 th grade Algebra, PSSA Math, Honors Pre-Calculus, Discrete Mathematics, Calculus, Honors Calculus, and AP Calculus AB while completing PA secondary mathematics education certification.	
	112th Air Operations Squadron, PA Air National Guard	State College, PA
	<i>Tanker Planner</i>	October 2014 – Present
	• Plan and oversee aerial refueling operations as an Air Operations Center augmentee.	
	171st Air Refueling Wing, PA Air National Guard	Pittsburgh International Airport, PA
	<i>Aircraft Commander, KC-135</i>	June 2011 – October 2014
• Pilot on KC-135 Stratotanker air refueling aircraft.		
343d Reconnaissance Squadron	Offutt AFB, NE	
<i>Aircraft Commander, RC-135</i>	August 2006 – June 2011	
• Pilot on RC-135 RIVET JOINT electronic collection aircraft.		
• Directed high-priority operational Intelligence, Surveillance, and Reconnaissance and combat support missions, directly tasked by the Secretary of Defense, Joint Chiefs of Staff, and theater commanders.		
14th Flying Training Wing	Columbus AFB, MS	
<i>Student Pilot, Specialized Undergraduate Pilot Training</i>	July 2005 – August 2006	
• Received the USAF aeronautical rating of Pilot, 11 August 2006. Also received FAA commercial, multiengine, and instrument ratings with BE-400 and MU-300 type ratings.		

334th Fighter Squadron

Seymour-Johnson AFB, NC

Scheduling Officer, Awaiting Pilot Training

August 2004 – July 2005

- Developed long-range and daily F-15E training programs for more than 48 instructors and 88 upgrading pilots and weapon systems officers.
- Coordinated daily flying activities for a \$70 million annual program of 3,500 sorties and 5,700 flying hours.
- Synchronized flying, academic and simulator training, arranged airspace, and forecast all surface attack munitions requirements for student training syllabus flow.

LEADERSHIP**Scheduling Flight, 343d Reconnaissance Squadron**

Offutt AFB, NE

Assistant Flight Commander, Scheduling, 343d Reconnaissance Squadron

November 2009 – June 2011

- Responsible for overseeing the scheduling of squadron aircrew for daily training sorties and events, as well as operational missions.

Standards and Evaluations Flight, 343d Reconnaissance Squadron

Offutt AFB, NE

Stan/Eval Liaison Officer, 343d Reconnaissance Squadron

September 2008 – November 2009

- Responsible for the upkeep of aircraft technical documents and air force regulations. Also responsible for the tracking of squadron aircrew evaluation events.

Commander's Action Group

Offutt AFB, NE

CAG Officer, 343d Reconnaissance Squadron

July 2007 – September 2008

- Refine, process, and track officer and enlisted performance reports, awards, and decorations for 117 personnel.

Combat Survival Training

Colorado Springs, CO

Evasion Instructor

July 2003 – August 2003

- Instructed techniques for evasion in hostile territory during wartime to third class cadets.
- Acted as a simulated aggressor to evaluate students during evasion training.

Basic Cadet Training

Colorado Springs, CO

Element Leader, BCT Instructor

June 2003 – July 2003

- Led twelve basic cadets through their initial training.
- Directly responsible for their well-being and ensuring their instruction.

Combat Arms Training and Maintenance

Colorado Springs, CO

CATM Instructor

July 2002

- Hand selected to instruct incoming basic cadets how to safely operate the M-16 rifle.
- Taught academic lessons and directed live-fire exercises on the rifle range.

OVERSEAS**Operation ENDURING FREEDOM**

Southwest Asia

Aircraft Commander, RC-135 and KC-135

August 2007 – July 2014

- Deployed seven times to Southwest Asia.
- Exposed to Middle Eastern customs and culture.
- Flew numerous combat sorties totaling approximately 1200 combat flight hours.

Pacific Sensitive Reconnaissance Operations

Pacific Theater

Aircraft Commander, RC-135

March 2010 – July 2010

- Deployed twice to Kadena Air Base, Japan.
- Flew numerous operational reconnaissance sorties in support of national intelligence tasking.

PROMOTION

Major

3 December 2013 - Present

Captain

2 June 2008 – 3 December 2013

First Lieutenant

2 June 2006 – 1 June 2008

Second Lieutenant

2 June 2004 – 1 June 2006

REFERENCES

Wayne Brinda

Professor of Education, University of Pittsburgh at Bradford – (814) 362-7532

Heather Costa

Mathematics Teacher, Smethport High School – (814) 887-2985

Judy Lewicki

UPB Education Program, University Supervisor – (716) 372-6624

Robert Guerriere

Captain, PA Air National Guard – (972) 809-9926

Brian VanGorden

Mathematics Teacher, Port Allegany High School – (814) 642-7355