



Department of Aviation
St. Cloud, MN 56301

ST. CLOUD STATE UNIVERSITY

Flightlines



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Will the Aviation Department Closure Hurt Diversity? *by Dr. Jeff Johnson*

Getting a baccalaureate degree in aviation is simply not an option in many foreign countries. Over the years, the Department of Aviation has attracted students from around the world. Women and minorities in the airline world are still predominantly outranked by their white male peers. According to the Federal Aviation Administration (FAA*), less than 4% of all the certificated Airline Transport Pilot (ATP) holders are female. Effective this August, all newly hired first officers for US airlines will be required to hold an ATP certificate. Although the FAA website does not break pilot certificate holders by race or ethnicity, Airline Pilot Central estimates that US airlines employ 647 African-American pilots of which only 14 are female.

*Source: <http://www.faa.gov>



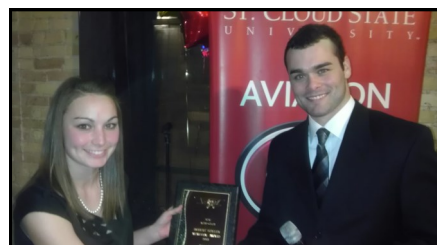
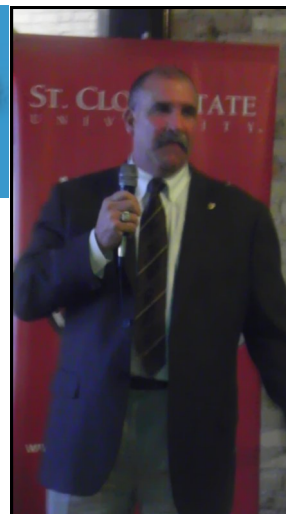
(see Diversity on page 5)

2013 Aviation Banquet Keynote Speaker: ALPA Vice President Bill Couette

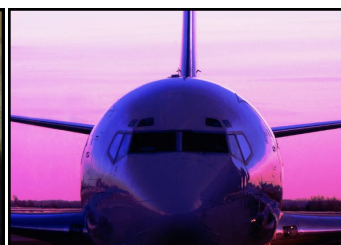


Aviation students, their parents, alumni, faculty, and special guests had a “special flight” to have Capt. Bill Couette, VP of Administration for the Air Line Pilots Association (ALPA) as the keynote speaker at the 2013 “Annual” banquet at D.B. Searles!

“For those of you who want to fly wide bodied aircraft for an airline, the time has never been better,” Capt. Couette stated to an enthusiastic crowd. Capt. Couette cited the [Boeing forecast](#) which projected a need for 460,000 new commercial airline pilots by 2031.



The emcees for the 2013 banquet were Mikaela Mahoney and Eric Wenner



HELP WANTED!
Airline Professionals Needed

2013 Keynote Speaker

The Vice President of Administration for the Air Line Pilots Association (ALPA) Bill Couette was the keynote speaker at D.B. Searles.

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Flightlines is published twice a year as an information source for SCSU aviation students, alumni, Advisory Board members, friends of the Aviation Department and the administration and faculty of SCSU. Article submissions, comments, suggestions, and questions are welcome and may be directed to Dr. Jeffrey Johnson, Professor of Aviation, SCSU Department of Aviation, at (320) 308-2107 (email: jjohnson@stcloudstate.edu).

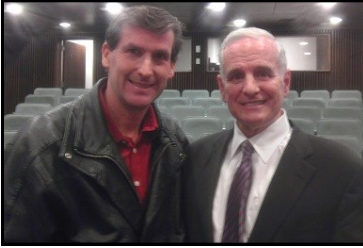
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<http://www.stcloudstate.edu/aviation>

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Gov. Mark Dayton

Jeff Johnson (left) visits with Minnesota Governor Mark Dayton in St. Cloud..



“Thanks, Mr. Towle!



St. Cloud Regional Airport Manager Bill Towle also serves the Aviation Department as an adjunct professor teaching airport planning and design. Bill's “real world” experience and his dynamic personality has been a huge asset over the years to the students and the department!



“Thanks, Mr. Szymanski & Mr. Cunningham!

Mr. Steve Szymanski is an adjunct professor who currently teaches air traffic control and ...

Mr. Donald Cunningham teaches airline management

Aviation Student & Alumni News

William Brenny accepted an airport operations officer position at Soulin Airfield in Williston, ND. Congratulations, William!

Danny Harris (Class of 2012) is working at the St. Cloud Regional Airport servicing Allegiant Airline flights. Thanks for keeping the travelling public safe, Danny!

Nick Housmans (Class of 2012) recently accepted a position at ExpressJet Airlines as a material specialist. Congratulations, Nick!

Charley Klynderud and **William Brenny** will be attending the 85th Annual AAAE Conference and Exposition from May 19-22 in Reno, Nevada.

Laura Sipek will be interning at the Minneapolis air traffic control tower this summer. Way to go, Laura!

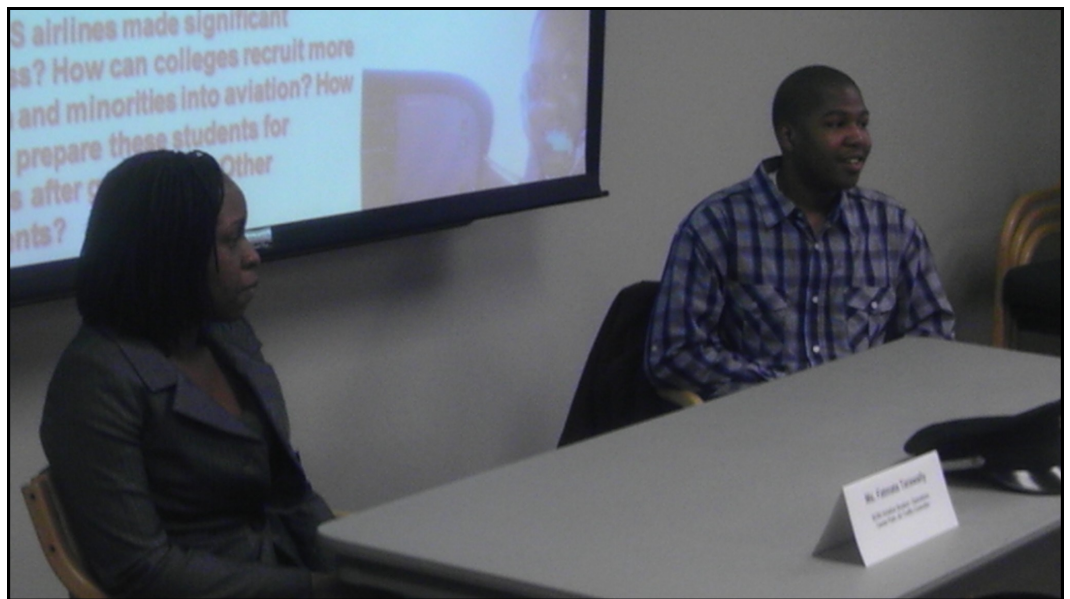
Aviation Faculty News

Angie Olson defended her doctoral dissertation in March. Her doctoral dissertation chair is Dr. Christine Imbra, Professor of Higher Education Administration. Congratulations, Dr. Olson!

Steve Anderson attended the Aviation Accreditation Board International (AABI) spring conference in Auburn, Alabama last February 19-22. He participated as the Safety Committee Chair and a member of the Board of Trustees.

Jeff Johnson and Vice President of Administration for ALPA Bill Couette spoke about the critical need for airline pilots and the closure of the aviation department on KNSI 1450 in April.

Jeff Johnson along with St. Cloud Mayor Dave Kleis and the Area Planning Organization (APO) Executive Director & Transportation Planning Manager Scott Mareck travelled to Washington, DC to discuss transportation issues related to attracting an airline, the St. Cloud Air Traffic Control tower closure, aviation workforce, and I-94 corridor expansion issues.



Jeff Johnson and aviation students **Fatmata Voonu** (left) and **Antwone Gills** (right) presented a session at the Power in Diversity Leadership Conference at SCSU, *Career Opportunities for Women and Minorities: Is Minnesota Going Back to the Dark Ages?*



Youth Initiative Mentoring Academies Comes to St. Cloud!



Mamie Singleton (far right) (L-R) Mamie Singleton, Jeff Johnson, Lyle Rustad

On April 24th, St. Cloud hosted the first class for the Youth Initiative Aviation Academy (YIAA). Executive Director Mamie Singleton recruited over 20 energetic 5th & 6th graders for the St. Cloud aviation academy. Executive Director Lyle Rustad (Diversity Foundation) provides support for Mamie resulting in a very successful program. Mamie is the original founder of the Youth Initiative Mentoring Academies (YIMA), a non-profit organization that sponsors selected programs for at-risk youth in order to expose them to careers, develop Leadership, and facilitate civic responsibilities. According to the Diversity Foundation, YIMA partners with law enforcement and community mentors with “at risk” youth in tutoring and aviation flight training. The success of the program comes from committed mentors, teachers, and community involvement. For more information, click here: <http://diversityfoundation.org/YIMA.html>

Dr Jeff Johnson was the 5th & 6th grade “professor” who kept the students busy with the Beech 1900 airliner and the air traffic control tower simulators. “I immediately feel in love with YIAA because it became readily apparent that

(see Youth Initiative Mentoring Academies on page 5)

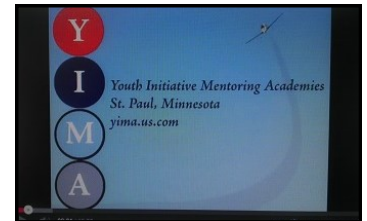
“Congratulations, Dr. Olson!”



Angie Olson (2nd from left) successfully defended her dissertation titled, *Cosmic Radiation Curriculum: Pre-Flight and Flight Considerations* on March 28th at SCSU. Her doctorate will be in Higher Education Administration. Angie is pictured with her doctoral student cohort and the Ed.D. Program Director, Dr. Michael Mills (far right).



YIMA Promotional Video



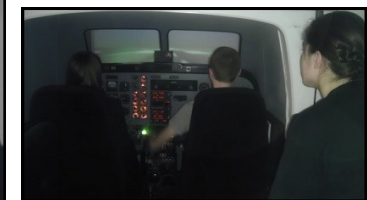
Click on the image to see the Youth Initiative Mentoring Academies (YIMA) video



Ready for Some Summer Adventure?

Ground Transport:	None
Food Service:	None
Dining:	John O's - 1 mile Seasonal Drive-In - 1 mi Ka-De Shack - 1 mile RJ's Mini-Mart - 1 mi
Lodging:	Annie's Motel - 320-3 Thom's Motel - swim 320-346-2233 - 1 mi
Airport Events:	None reported
Underwing Camp:	No
Campgrounds:	Sibley State Park - 1
Local Attractions:	Prairie View Commu 1 mile - Holes: 9 Irrigated farmland Lakes Hunting Fishing
Comments:	None

“Honey, load up the kids!”



Next Generation of Professional Pilots?

Special thanks to Angie Olson for running the flight simulator for South Junior High School students.

Special thanks to Rudy Ghazal for running the flight simulator for the Youth Initiative Aviation Academy.

Calendar of Events

“Got Employment?”

May 6-9
Regional Airline Association
Annual Convention
Montreal, Canada

May 19-22
AAAE Conference
and Exposition
Reno, NV

June 1
Regional Airline
Pilot Job Fair
Boston, MA

Congratulations Graduates!



**We are very proud of
you & will miss you!**

William Brenny
BS Aviation—Operations

Rudy Ghazal
BS Aviation—Operations

Grant Johannes
BS Aviation—Operations

Eli Johnson
BS Aviation—Management

Charley Klynderud
BS Aviation—Management
Minor in General Business

Mikaela Mahoney
BS Aviation—Operations

Laura Sipek
BS Aviation—Operations
Air Traffic Control

Timothy Roth
BS Aviation—Operations
Air Traffic Control

Joseph VanderHeyden
BS Aviation—Operations

Fatmata Voonu
BS Aviation—Operations
Air Traffic Control

SCSU 2013 STEM Summit a BIG Success!



Aviation student Eric Wenner (far right) visits with interested 7-12th grade students about the many career opportunities in the aviation industry.

On January 31, SCSU hosted the annual 2013 STEM (Science, Technology, Engineering & Mathematics) conference in the Atwood Ballroom. The “standing room only” event was well attended and there was no shortage of enthusiasm. Special thanks to Dr. Carolyn Williams, Associate Dean for Multicultural Affairs & STEM initiatives for a successful event.

Ms. Angie Olson (left) oversees the next generation of airline pilots at the 2013 STEM Summit at SCSU.

Special thanks to the following BE1900 simulator student volunteers . . .

**Timothy Roth
Rudy Ghazal
Mitchell Brutger**



Several Major Aviation Setbacks hit St. Cloud

The St. Cloud Regional Airport has encountered several major setbacks over a relatively short period of time. As of January 2010, Mesaba Airlines/Delta Connection stopped service to St. Cloud leaving the airport without any scheduled air service. In January 2011, the official closure decision of the aviation department was made by SCSU. As of June 15 (unless something changes), the air traffic control tower will close as a result of sequestration. A March 2011 study showed that 49% of the operations at the airport were from student training flights. With the new Airline Transport Pilot (ATP) requirement effective this upcoming August effectively raising the federal minimum hourly requirement for co-pilots by over 400% combined with the high demand for regional airline pilots, we have a “perfect storm” which could possibly [result in the reduction or termination of airline service](#) in rural areas. Rural markets such as International Falls, Brainerd, Hibbing, and even Duluth may see a reduction or even an elimination of air service will see a negative economic impact.



Diversity *(continued from page 1)*

In 1976, approximately 80 African-American pilots were employed by the nation's major and commuter airlines. By 1986, the number increased to nearly 400. In 1986, United Airlines had fewer than 35 African-American pilots. Out of the 12,505 United pilots employed today, there are over 260 African-American pilots (approximately 2%) including 8 African-American females. Presently, United Parcel Service (UPS) African-American pilots comprise of approximately 3.5% of the 2,617 pilots. That's only 92 African-American pilots.



As Minnesota is about to lose its only 4-year Aviation Accreditation Board International (AABI) accredited program, prospective students from Minnesota and beyond will be forced to go out of state to get an AABI accredited 4-year aviation degree. For many students, paying nonresident tuition and fees for an AABI accredited 4-year aviation degree is not a realistic option. Females and students of color will no longer have the option of coming to Minnesota and will suffer for it.

Youth Initiative Mentoring Academies *(continued from page 3)*

this program has made a positive impact on the lives of many children as they transition into adulthood," Johnson stated. "Although the aviation department has a strong AABI accredited academic program, the aviation faculty could never reach their true potential without a sustainable, strong outreach program to the community we serve." Some at-risk children come from extremely difficult backgrounds ranging from drug, emotional, and physical abuse. They need positive role models who are willing to believe in their God-given talents and abilities.



Students, their mentors, and chaperones met in the SCSU air traffic control (ATC) lab to study basic ATC procedures.

"All too often, at-risk youth need to be redirected towards something positive that stirs their passions, challenges their beliefs, and motivates them to excel in life," according to Johnson. "It became clearly evident that I can use our flight and air traffic control simulators as a tool to get these kids to dream about life's possibilities that lie ahead. I am sure the children went home after class and told their family and friends they got to fly a real airplane simulator or watch a control tower simulation. Hopefully, some of these kids will get the 'flying bug' and start dreaming of becoming an airline or fighter pilot. Other students may want to become air traffic controllers or at the very least, start asking questions about the possibilities that are yet uncharted in their lives." One notable success story is a 20-year-old student named Marlon who went through the program and became a mentor. He currently works for Delta Airlines and has traveled extensively throughout the world. He is exploring his options of becoming a pilot or going into management.



Mamie Singleton (far right) chats with Denise as St. Cloud Assistant Chief of Police Rich Wilson looks on.



Young students from the Youth Initiative Aviation Academy (YIAA) explore a Cessna 152 at the St. Cloud Regional Airport.



Marlon (left) is now a YIAA program mentor who is employed at Delta Airlines.

Fast Facts

Females who hold an Airline Transport Pilot (ATP) license which will be required to be hired by any US airline:
5,597 (3.9%)

Estimated total number of African-American pilots: 647

Estimated Female African-American Pilots: 14

New Certificates & Ratings



Aaron Anderson
Commercial Pilot (SE)

Jesse Quaas
Commercial Pilot (SE)

Mikaela Mahoney
Instrument Rating (SE)

Shami Siddiqui
Instrument Rating (SE)

Brett Wiechmann
Private Pilot (SE)

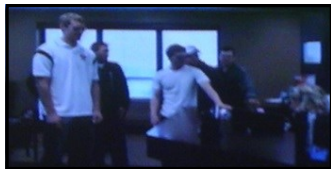
Eric Wenner
Instrument Rating (SE)

Future Airline CEO in the Making!

**Thank You,
St. Cloud Air Traffic
Controllers!**



*For keeping the public
safe at our airport and
on the ground!*



*"You've lost that
lovin' feeling!"*



*"Excuse me,
Lieutenant. Is there
something wrong?"*

*"Yes, ma'am, the data
on the MiG is
inaccurate."*

SCSU 2013 Spring Banquet Scholarship Winners



Dr. Tara Harl (right) presents the Kimberly Ritsche award to Mikaela Mahoney.



Erin Wolter also won the Kimberly Ritsche award presented by Dr. Tara Harl.



Dr. Tara Harl presents the Gerald Johnson Award to Eric Wenner.



Dr. Tara Harl presents the Ken Raiber award to Eric Wenner.



Barbara Ryan (left) presents Rudy Ghazal the Robert Ryan award.



Dr. Tara Harl presents the William Carlson award to Fatmata Voonu.



2013 Aviation Excellence Award Winners



Ryan Alex (left) won the Aviation Excellence Award presented by Dr. Tara Harl.



Charles Klynderud (left) also won the Aviation Excellence Award presented by Dr. Tara Harl.



2013 Spring Banquet: The Power of Quinn Squared



Nathan Quinn (left) is all smiles after winning the remote controlled helicopter.

Aviation Math Made Easy: A New Theorem!

Nathan Quinn + Matt Quinn = Quinn² = Unstoppable Power

The Airplane Tie Contest

Preparations were made, the ties were straightened, and the competition was fierce as the contestants “strutted their stuff” on the DB Searles catwalk. However, no one could anticipate the unstoppable power of Quinn² that evening! Nathan Quinn and his father Matt Quinn (aviation law adjunct professor) utilized the power of Quinn² synergy that still baffles modern day scientists. The Quinns successfully won the David Clark headset, the remote controlled helicopter, and topped off the evening by winning the airplane tie contest. It was all over but the crying.

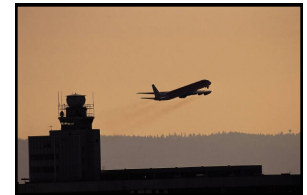


When *Flightlines* interviewed Nathan, he was not willing to reveal the trade secret behind the power of Quinn². One thing was clearly evident: “Winner takes all” was merely child’s play for Nathan Quinn. Heartfelt Congratulations!

Flightlines would also like to recognize all the participants. Dr. Tara Harl and Mr. Steve Szymanski took the runner-up positions in the contest. Between the moves and the ties, they were *styling!*

Good Advice for Aviators!

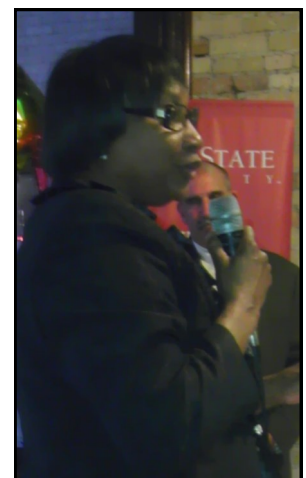
“Be assured that gravity is 100% reliable . . . it will always let you down!”



“American 231, we need to return to the gate for the cake!”



2013 Spring Banquet: Happenings, Odds & Ends



Mamie Singleton

Briefly spoke to the audience about the Youth Initiative Aviation Academy (YIAA) and how it touches lives.

Aero Club Roadside Cleanup, Plane Wash, BBQ, and Meeting



The St. Cloud Regional Airport got a little busier on Thursday, May 2nd. SCSU aviation students were joined by children, friends, and mentors from the Youth Initiative Aviation Academy to pick up trash on Deltone Road connecting the airport to Highway 10. Following the roadside cleanup, there was a plane wash, a cookout, and an Aero Club Meeting. Special thanks to all the volunteers for your service!

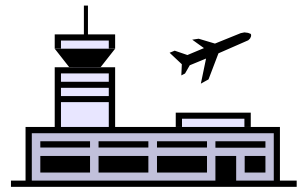


Although the weather was in the mid 40's and windy, it did not dampen the spirit of the volunteers even if it meant getting a little wet when washing the airplanes.



Hungry volunteers wait in line as Master Chef Alan Anderson prepares hamburgers and hotdogs.

Click on the tower to read and hear interviews about the event covered by WJON AM 1240!





2013 Spring Banquet: Happenings, Odds & Ends (Contd.)



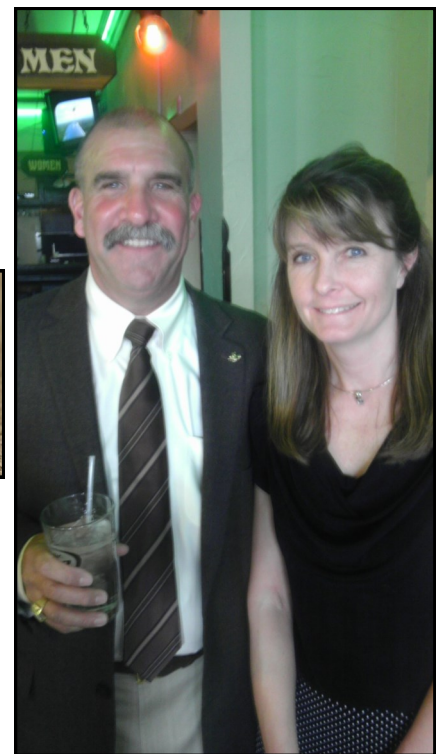
Some of the distinguished guests in attendance (L-R): Dr. Carolyn Williams (Associate Dean for Multicultural Affairs & STEM Initiatives), Mayor Dave Kleis (City of St. Cloud), Ms. Mamie Singleton (Executive Director, Youth Initiative Mentoring Academies—YIMA), Capt. Bill Couette (VP Administration, Air Line Pilots Association & SCSU Aviation alumni), and Mr. Bill Mavencamp, St. Cloud Aviation/Wright Aero, Inc.)



(L-R) Mikaela Mahoney, Ryan Alex, and Eric Wenner. The editors of *Flightlines* wishes to thank you for your hard work!



Heartfelt thanks to our keynote speaker for the 2013 “Annual” banquet Capt. Bill Couette and banquet committee member Dr. Angie Olson!



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We Would Like to Hear from YOU!

Graduation? Career change? Promotion? Retirement? Anything else going on in your life? Please take a moment and give us an update. Can we feature YOU in our next newsletter? Yes ___

Name _____ Year Graduated _____ Major _____

Address _____

Employer _____ Position/Title _____

Email Address _____ Telephone _____

Please check here if this is a new address ___ Please check here if this is an updated address ___

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