



The Fly-By

Newsletter of the Washington DC Chapter of the Ninety-Nines

AE Scholarships

NEW Scholarship Application Deadlines

January 1, 2020 : Applicant to Chapter (or Section, if not in a chapter)

January 15, 2020
Chapter to Section

February 5, 2020
Section to Trustees

March 22, 2020
Trustees' Finalists to Outside Judges

Results Announced no later than **April 15, 2020**

Fly Now Award

The Fly Now Award is an award of up to **\$6,000** based on completion of specific training milestones. It is available to Student Pilot Members of The 99s who meet eligibility requirements. To be eligible, applicants must hold a student pilot certificate, have been an official Student Pilot Member **one month prior** to the application deadline and show financial need. Please visit [Scholarships](#) page on The Ninety-Nines website for application, instructions, and deadlines. The Fly Now Award is awarded in the spring and fall.



DC99s Host Mid-Atlantic Fall Section Meeting

Kathleen O'Neil did an incredible job hosting the Mid-Atlantic Fall Section Meeting October 18 and 19. Arriving mid-afternoon, she was assisted by Vice Chair Lucy Mencia and Secretary Eileen Kay. Lucy generously provided wine, and Eileen made beautiful and clever luncheon centerpieces complete with lights. Linda Litwin and Debi Dreyfuss helped with the welcome dinner by setting up Friday at the ProJet Aviation FBO; there was plenty of great food, even accommodating those with food allergies, an important consideration.





Don't Forget the 2020 DDDD Award

The Debi Dreyfuss Dare to be Different Award is a cash award. It is \$1500 if there are 4 or fewer applications, and \$3000 if there are 5 or more. Here's what you have to do to apply:

- **Must be a current 99 or a student pilot member in good standing**
- **The goal must be aviation oriented**
- **The award goes to the most UNIQUE entry**
- **Must apply by Jan 15, 2020**

This is NOT the standard type of application where you write essays, compile letters of support and tally budgets - this is a chance to be creative in expressing your goals; what you are doing and what you will use the funds for. No rules on format- just **"Dare to be Different!"**

Send your application to laura@bluenoonpress.com

The 2019 DDDD Award went to Kathleen O'Neil (DC chapter) for spin training, and Joy Halcott (MD chapter) for Instrument training

Touring the 'Tower' at JYO

After dinner the airport manager took attendees on a tour of the Remote Tower which operates 8am to 6pm. Above the FBO is a special cluster of cameras much like a mini-tower giving 360-degree views of the airport and parking lot. The tower and ground controllers are in the JYO upstairs conference room where they have about 12 large screens displaying live camera photo feeds of the entire airport. When a moving object appears on the screen (it's a bird, it's a plane!), a small white box pops up around the moving object to make it easier for the controller to see. It's entirely simulated! Remote Tower info: <https://www.leesburgva.gov/government/departments/airport/remote-air-traffic-control-tower>

The Saturday business meeting went off without a hitch, and The Mid-Atlantic Section donated \$7000 to the Rappahanock



Aviation Outreach to build an aviation themed playground at Stafford Airport. Stephanie Johnson of the Old Dominion chapter accepted the award.



At lunch, Eileen's clever and beautiful centerpieces were quite a hit. After lunch, FFAST representative Perry Benshoof spoke about avoiding SFRA deviations, and it was logged as a WINGS seminar. Afterwards, the

group headed out to the Udvar-Hazy Museum at IAD, with a personalized tour with our own docent! For more information: <https://airandspace.si.edu/udvar-hazy-center>

At the Udvar-Hazy, admission was free; parking was not, so it paid to bring along fellow aviators. The docent was imperative - it is a lot to take in since the museum has a tremendous number of awesome airplanes!



Dinner was at AhSo not far from Leesburg, followed by a **Drones panel talk and discussion**, at the Brambleton Library across the street.

Unmanned aerial vehicles are already being used to deliver packages as part of a pilot program with Virginia Tech - what's next? We learned what the FAA is doing to integrate drones safely into shared airspace, and what's on the horizon for businesses who want to use them to deliver everything from food and medicines to people.

Speakers: Jessica Orquina, Senior Communications Specialist, FAA UAS Integration Office. Orquina is a former flight instructor, American Airlines pilot, and Air Force Reserves pilot who now works to inform drone users, including recreational ones, know about the regulations they must follow.



Also was Anne Swanson, Partner, Wilkinson Barker Knauer, LLP who specializes in regulations affecting aviation, communications, and unmanned vehicle companies. She is also president of the DC Capital Chapter of the Association of Unmanned Vehicles International (AUVSI).

99s Celebrate 90 Years at HQ in

At the Ninety-Nines International headquarters November 1st and 2nd, the Board and section governors joined in celebrating the 90th anniversary of the first meeting of the Ninety-Nines. Friday's luncheon, Oklahoma Women in Aviation and Aerospace Day, sponsored by the Oklahoma Dept of Aviation, was at the AAR FBO at KOKC, with over 500 attendees. Aviator and Rear Admiral (Ret) Margaret "Peg" Klein as their keynote speaker, along with local politicians and state officials at the televised event.

With so many aviation historical dates in mind, the event was moved from December this year to accommodate the 90th annual meeting of the Ninety-Nines, Inc. International Organization of Women Pilots held November 2nd at headquarters. "99s from across the United States attended and, were honored as well," said Sandra Shelton, public and government affairs liaison for OAC. "Not only is it the 90th year since Pearl took her first flight with Wiley, this year we celebrated the life of Oklahoman and American aviator and Ninety-Nine, Geraldyn M. Cobb."



DC member is Lighter-than-Air at New Mexico Balloon Fiesta

Sandy Hawkins and her husband Elmer attended the International Balloon Fiesta in Albuquerque New Mexico in early October. They volunteered as crew for Karalyn Mumm a fellow 99 from Reno Nevada. The Fiesta was 10 days - each day they set up the balloon at 6 am and then chased and broke it down after flight.

It took 3 tries, but both eventually got a ride. The first day was too windy. The next day there was an issue with weight. Finally on the third day they got off and had a spectacular flight. It was a difficult day, with wind and fuel issues, but landing on a farm - be sure to ask Sandy about the SNAKES. It was a great week, but hard work, making many new friends. If you have not been it should be a bucket list item for every pilot!

Sandy is also the new Mid-Atlantic Section AE Scholarship chair. If you're an applicant from the DC chapter you must first send your completed application to Pat Manos Kraemer who checks it over and sends it to the Section AE chair.



DC Donates \$500

ProJet Aviation at JYO hosted the Leesburg Aviation Expo on November 1. Kathleen O'Neil and Joyce Breiner represented the DC Chapter at the event, along with new member Kimberly Wood, awarding \$500 toward a flying scholarship for a young woman.

Kathleen O'Neil Awarded Coveted AE Scholarship

Our own DC Chapter Chair Kathleen O'Neil was a recipient of the AE Scholarship this year. She plans to use it to pursue her CFI certificate and began training this past June. She celebrated as she flew her family to Pittsburgh as her children sang on the intercom.

Flying the Wright B Flyer and Winning at Poker

Debi Dreyfuss flew to the 99s International Conference in Dayton in July, and had the opportunity to "fly" (fast taxi) the replica Wright B Flyer. She went on to fly out to Colorado where she joined the Colorado 99s and won 5 prizes at their Poker Run!

\$100 Hamburger Combo

Pat Kraemer and Linda Litwin managed to fly out to Cape May this summer, as well as locations in the region for some newfound eateries.

Lucy Mencia Guides DC Youth to Restore Aviation Pioneer Mary Feik's Piper Pacer



Lucy Mencia has been involved with Build-a-Plane for several years. The opportunity to restore and re-build aviation pioneer Mary S. Feik's historic 1952 PA-20 Pacer was an amazing honor. The "Build a Plane" project promotes general aviation to young aviators.

It's a STEM project supporting young students to consider mathematically-influenced careers such as architecture, engineering and aviation. Aviation is applied STEM. Some of Lucy and her team members' successes are:

- Four of the thirty students are pursuing flight lessons and will be certified as FAA pilots by the time that they are 16 yrs old! Some of the others now consider aviation as a realistic career path. NONE had any aviation background.
- One of the students who wanted to study engineering said that "she wanted to send her college applications only to engineering schools that "had an aviation program".

Lucy prides herself on facilitating student mentoring, airport tours, meeting pilots, master restorers and engineers. In the summer, she's planning STEM "Build a Plane" Saturday workshops.

The first successful STEM restoration project was the **1952 Piper Pacer PA-20/135** fabric, tail wheel airplane. It was skinned, rebuilt, and returned to its historic state from October 2016-October 2018, two full years of hard work.

The second STEM restoration project is a **1969 Piper Cherokee/ 140**, metal skin, traditional, nose-wheel airplane.

University of DC Aviation Maintenance Program staff also met with the Build-a-Plane students. Program Directors and Instructors, William Russo and Ambrose Kun, provided specialized aviation maintenance instruction. They explained the process of analysis, problem solving, fabric wing construction, engine design and restoration practices.

Garvey Aviation Restoration Tour

The Build-a-Plane students also got a tour or the **Smithsonian Udvar-Hazy Air and Space Center** to see the **Paul Garvey Restoration Studio**. There, **Mr. Patrick Robinson**, Museum Specialist, Preservation and Restoration Unit explained the process of museum restoration of historic airplanes. He showed the students back-of-house materials, tools, photographs and explained the methods used by professional restorers.