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THE 11TH
ANNUAL

40 UNDER 40

MEET THE AVIATION INDUSTRY'S
BEST YOUNG PROFESSIONALS IN 2022





Age: 34

Employer: Arup

Hometown: Bhopal, India and Toronto, Canada

Alma Mater: National Institute of Technology, Bhopal; University of Toronto, Canada

Aarshabh Misra, P. Eng.,
Associate, Airport Planning, Arup

Aarshabh Misra is a professional engineer who leads the analyst sub-discipline within aviation planning in Arup’s global center of excellence in Toronto. He has 13 years of diverse global consulting experience advising municipalities, developers, airport authorities and airlines on strategy, planning, operations and design for a range of transportation infrastructure.

“As an airport planner and analyst, I get to envision and plan for the future while optimizing current operations – to me that is very exciting and a big responsibility,” said Misra. “I have worked with numerous airports, airlines and government agencies, and I absolutely love the opportunity to learn something new from them every day. Aviation is also such a fast-paced industry – things change so quickly. I quite enjoy the dynamic nature of my profession as there is never a dull moment in aviation.”

Growing up as a kid in India, Misra’s father used to take him plane spotting at the Santacruz Airport, as it was called back then, in Mumbai. He still remembers being in complete awe watching those airplanes take-off and land. Misra now has two degrees in engineering, one of



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which is specializing in transport planning.

“Through that [transport planning] program, I developed an interest in traffic simulation modeling and particularly, the movement of vehicles and pedestrians in the built environment,” he said. “This background provided me with a solid foundation to start exploring airport terminals from a process point of view for passengers, bags, aircraft and vehicles, and rekindled my childhood interest in aviation. Since then, I have been fortunate enough to get several opportunities to work on local and international airport planning and development projects through my career at Arup.”

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Age: 30

Employer: Arora Engineers

Hometown: Bronx, NY

Alma Mater: Drexel University

Chanel O O'Brien, ACE,
Airfield Electrical Designer, Arora Engineers

Chanel O'Brien, ACE initially joined Arora in 2019 as a CAD technician due to her previous experience drafting telecommunication distribution and was promoted to airfield electrical designer less than one year later. O'Brien attended Drexel University earning her bachelor’s degree in mechanical engineering in 2015, and is currently pursuing her master’s degree while working full time at Arora.

Since joining Arora three years ago, O'Brien has been recognized repeatedly by her peers for exceptional accomplishments in support of the firm’s core values. Last year, Arora recognized O'Brien’s continuous hard work and dedication to the firm by awarding her an Outstanding Achievement in Professionalism award at the annual all-company meeting. O'Brien is an experienced airfield design professional and is directly involved in the design of airfield lighting and lighting control systems as they pertain to FAA policies and standards.

“The most exciting part of my job is getting out to an airport for surveys,” she said. “You really get reminded of the importance of the work when a giant jet engine rolls by and you get a better understanding of the equipment, we spend so many hours specifying and drawing out in

CAD. At the end of the day, I have two clients: the pilots who we are tasked with keeping safe and the maintenance staff whose jobs we try and make easier. The best way to accomplish that is to be out on the airfield with the staff and seeing the equipment firsthand.”

O'Brien remains actively involved with Alpha Sigma Alpha Sorority philanthropic work, including participating in organizations such as the local Special Olympics and Girls on the Run. She also volunteers in her neighborhood community maintenance events located in East Falls, Philadelphia.

“I hope that my involvement in this industry attracts more young women to aviation and that they are brave enough to share their visions for industry,” she said. “Half of the customers airlines service are women and we cannot properly cater to them if they aren’t part of the conversation. I am incredibly lucky to work for an organization that views their female colleagues as valued members of the organization instead of just a box they check.”

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Roy Remington

Executive Director, Millington Airport Authority

Roy Remington was first interested in aviation hearing stories from a friend's grandfather who was a tailgunner on a B-17 Flying Fortress in World War II. He started on a path to become a pilot and switched to aviation engineering. While working with clients, he became intrigued by the kinship airport directors have and the range of duties they undertake in a daily basis. That drove him to a pursue a career in airport management.

Remington has served as the executive director of the Millington-Memphis Airport (NQA) for nine years. He inherited an airport in dire need of recapitalization. The former air station turned municipal airport faced major infrastructure challenges, which Remington was able to address via \$40 million in investments.

Remington was elected by his peers in 2019 to serve as president of the Tennessee Aviation Association. He has overseen legislative efforts to preserve state airport funding and has held statewide outreach events for fellow airport managers.

In 2019, Remington founded the Midsouth Airshow with the vision of bringing the Blue Angels to Memphis to inspire the next generation of aerospace and STEM leaders. Remington made admission to the show free for children and oversaw the most successful air show on record while serving as show director in 2022.

Making good on his promise, Remington organized youth outreach events during the show including special Blue Angels meetings with critically ill Make-A-Wish children, Organization of Black Aerospace Professionals (OBAP) youth, Boy Scout Troops, Sea Cadets, and Civil Air Patrol squadrons.

In his free time, Remington travels the country as a volunteer with Dream Flights, a non-profit dedicated to helping military veterans relive the magic of flight by gifting them with WWII era biplane rides.

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Congratulations TO Chanel O'Brien, ACE for being named to

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The team at West Virginia International Yeager Airport would like to congratulate

DOMINIQUE RANIERI

for being honored as one of this year's 40 Under 40!

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