

## 2019 ICTPA-USNE Career Development Roundtable

April 25, 2019

### Agenda

- 6:00-6:20 PM Networking Time
- 6:20-6:30 Welcoming Remarks
- 6:30-7:00 Presentations
- Kai: Importance of Resume in Your Job Search
- Mark: Speaking Tips and Audiovisual AIDS for Project Presenters
- 7:00-7:45 Roundtable Panel Discussion
- Joy
- Jeremy
- Kai
- Mark
- 7:45-8:00 Q&A
- 8:00-8:10 Closing Remarks
- 8:10-8:15 Group Photos
- 8:15-8:30 PM Networking

### Questions for panelists:

1. Could you share your career story?
2. Where did you begin? How do you progress along your career path? How do you finally at your current position?
3. What is the one thing that you find it is the most important to be successful in your career?
4. Give us an advice in career development whether it is in our earlier stage of career that we need to establish our skills and knowledge, in the stage of advancing, in the stage of maintenance or in the stage of thinking moving forwards to another position.

**Kai-Tai Chen, P.E.**

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Kai is currently Principal Communications Engineer with MTA-New York City Transit (NYCT). He has worked in both private and public sector for nearly 30 years. Kai has been with the MTA since 2003, starting at MTA-Bridges and Tunnels and joined NYCT in 2007.

Mr. Chen serves as a subject matter expert in the areas of Embedded Computing, Public Address, Dynamic Displays, and Wireless Devices. Major projects include: Cortlandt Street Station/WTC; Integrated Services and Information Management (Next Train Arrival) and Second Avenue Subway Phases 1 and 2. He is an author of CCTV recommended practices document published by APTA Communications - Technical Standards Working Group.

Mr. Chen received his Master of Engineering from Stevens Institute of Technology and Bachelor of Engineering from Stony Brook University, both in Electrical Engineering. He has been PE licensed in NY and PA since 2005 and serves as member of the PE Electrical and Computer Exam (ECE) Committee for the National Council of Examiners for Engineering and Surveying (NCEES).

Kai currently serves on ICTPA-NE as co-Vice President and board member.

**Joy Chiu, P.E.**

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Joy graduated from Stevens Institute of Technology with a bachelor degree in Civil Engineering and joined the Port Authority as an Engineering Trainee. She also holds a master degree in Urban Planning from New York University and is a licensed professional engineer in NY and NJ.

Joy was a design engineer for seven years working on runway+taxiway design, drainage design, roadway/airfield alignment, track design, storm water management, and contract management.

Joy then joined PATH and have worked on multiple projects and initiatives through the various positions she's held, including PATH's Business Plan, PATH's Book of Rules, Customer Service and Ridership surveys, ridership analyses and forecasts, developing and managing a weekend bus operation, creating partnerships with academic institutions, and was instrumental in creating the department's Logistics and Rail Planning Division.

Currently, Joy is the Assistant Superintendent of PATH's Way & Structures Division, where she manages and supports 200+ represented and non-represented employees on their day-to-day operations+maintenance and capital improvements of the railroad's infrastructures ranging from track work; fare collection; staff and public facilities and buildings; drainage, pump and airline systems; HVAC systems; station maintenance and sanitation; and vertical transportation systems.

Joy was formally the President of the Port Authority Asian American Association and continues to support diversity and inclusion at the agency. Joy was a recipient of the Women in Rail award sponsored by Railway Age as a "visionary women in the rail industry".

**Jeremy Hung, P.E.**

Jeremy.Hung@wsp.com

Jeremy Hung is Vice President and Deputy East Lead of Geotechnical and Tunneling Group of WSP with over 30 years of diversified experience in geotechnical, tunneling, and underground engineering projects. Jeremy joined WSP (formerly known as Parsons Brinckerhoff) in July 1997, and has been providing project management, design and construction services for an impressive number of projects.

Jeremy received his MS degrees in Civil/Geotechnical Engineering from University of California, Berkeley, and BS degree in Agricultural/Civil Engineering from National Taiwan University in Taipei, Taiwan. He also received an MBA degree in Management from City University of New York, Baruch.

Since 2013, Jeremy has been managing concurrently several NYCT projects including Superstorm Sandy rehabilitation/reconstruction projects for three severely flooded and heavily damaged East-River subway tunnels including Canarsie Tunnel (L-Line) Rehabilitation and Station Improvement project which is currently under construction, and Montague Tunnel (R-Line) Sandy Rehabilitation project which received ACEC National Honor Award.

Jeremy has contributed to the development of over a dozen FHWA geotechnical engineering manuals and training curriculum. He is the co-Principal Investigator for the AASHTO and FHWA Manual for Design and Construction of Road Tunnels and a co-author for the FHWA “LRFD Seismic Analysis and Design of Transportation Geotechnical Features and Structural Foundations.” Most recently Jeremy and his team completed the substantial update of the FHWA GEC10 Drilled Shafts reference manual.

Jeremy has been active with ASCE, ACEC and TRB activities. He was the Chair of ASCE Met Section Geotechnical Group in 2002 and a Director of ASCE Met Section Board (03-05). Jeremy was a member of the TRB Technical Committee for Tunnels and Underground Structures.

**Mark Jen, Ph.D., P.E., S.E.**

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Dr. Jen has 16 years of experience involving analysis, design, engineering, preparation of specifications, planning, project coordination, liaison, client relations, supervision, and construction support of structural engineering, specializing in bridge structures and facilities.

Dr. Jen has extensive professional experience in structural engineering. He has worked on diversified domain projects in structural engineering, ranging from medium- to large-scale bridge structures that provide him an in-depth understanding of this discipline for clients as diverse as the Port Authority of New York and New Jersey (PANYNJ), New Jersey Department of Transportation (NJDOT), New York State Department of Transportation (NYSDOT), New York City Department of Transportation (NYCDOT) and New Jersey Turnpike Authority (NJTA).

Dr. Jen has handled various critical and challenging projects from the design stage to implementation stage and ensures that projects are implemented according to specifications within the required timeframe and delivered with quality. He is equipped with and has expertise in the latest engineering tools and techniques and cost evaluation techniques, which he applied in his professional career to produce cost-effective solutions.