Curriculum Vitae

Van-Anh Truong

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Personal

• Canadian citizen. U.S. permanent resident.

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Research Interests

• Business analytics and e-commerce.

• Healthcare operations.

• Service systems.

• Supply-chain management.

Positions Held

• Columbia University, Department of Industrial Engineering and Operations Research, New York, NY, Jul 2018-present. Associate Professor (with tenure).

• Columbia University, Department of Industrial Engineering and Operations Research, New York, NY, Jul 2010-Jun 2018. Assistant Professor.


Education

  – Major in Manufacturing. Advisor: Robin Roundy.
  – Minor in Optimization. Advisor: Mike Todd.

• University of Waterloo, Canada, 1997-2002. Bachelor’s degree in Mathematics
– Double major in Pure Mathematics and Combinatorics and Optimization.
– Graduated with distinction - Dean’s Honors List.

Preprints


Papers Published in Journals


**Papers Published in Conference Proceedings**


**Book Chapter**


**Completed Papers**


**Prizes and Fellowships**

- NSF CAREER Award, 2017.
• Cornell Graduate Fellowship, School of OR&IE, Cornell University, 2002.
• Schum Award, School of OR&IE, Cornell University, 2002-2004.
• Natural Science and Engineering Research Council of Canada (NSERC) Post Graduate Scholarship, 2002-2006.
• Mike Vangoch Memorial Award, Department of Pure Mathematics, University of Waterloo, 2002.
• Senate Mathematics Scholarship, Faculty of Mathematics, University of Waterloo, 1998-2002.
• NSERC Undergraduate Research Assistantship Award, Department of Combinatorics & Optimization, University of Waterloo, 2000-2001.
• Rene Descartes Scholarship, Faculty of Mathematics, University of Waterloo, 1997.
• Canadian Open Math Challenge Competition gold medalist, 1997.

**Invited and Refereed Presentations**

1. Tuck School of Business, Dartmouth University, Hanover, 2019 (scheduled).
5. Department of Industrial and Enterprise Systems Engineering, University of Illinois at Urbana-Champaign, Champaign, 2018.
8. Mostly OM Workshop, Tsinghua University, Beijing, 2017.
15. University of Toronto Rotman School of Management, Toronto, 2015.
16. IBM TJ Watson Research Center, Yorktown Height, 2015.


Grants

- National Science Foundation Award CMMI 1653770. CAREER: Optimization Methods to Support Real-time Personalized Consumer Transactions, Amount $500,000.00, 2017-2022.

- National Science Foundation Award CMMI 1538088, Online algorithms for service systems, Principal Investigator, Amount $300,000.00, 2015-2018.

- Provost’s Grants Program for Junior Faculty who Contribute to the Diversity Goals of the University, Columbia University, Amount $25,000.00, 2015.
Teaching Experience

- Instructor for Dynamic Pricing and Revenue Management (IEOR 4601), Columbia University, 2018-2019.
- Instructor for Logistics and Transportation Management (IEOR 4418), Columbia University, 2014-2016.
- Instructor for Production Planning (IEOR 3402), Columbia University, 2011-2017.
- Instructor for Approximate Dynamic Programming with Application to Healthcare (IEOR 8100), Columbia University, Fall 2011.
- Instructor for Supply Chain Management (IEOR 4210), Columbia University, Spring 2011.

External Service

- Associate Editor, *Operations Research*, 2018-.
- Associate Editor, *IIE Transactions*, 2018-.
- Judge, INFORMS Health Application Society Student Paper Competition, 2019.
- Judge, POMS Paper Competition, 2017.
- Session Chair, 2018 INFORMS Annual Conference, Phoenix.
- Session Chair, 2017 INFORMS Annual Conference, Houston.
- Session Chair, 2016 INFORMS Annual Conference, Nashville.
- Session Chair, 2015 INFORMS Annual Conference, Philadelphia.
- Session Chair, 2015 INFORMS Healthcare Conference, Nashville.
- Session Chair, 2014 Annual INFORMS Conference, San Francisco.
- Panelist, Junior Faculty Interest Group’s Session on Career Grant Writing, 2018 INFORMS Annual Conference, Phoenix.
- Panelist, INFORMS 2014 Doctoral Student Colloquium, San Francisco.

Reviewer

5. Naval Research Logistics.

Internal Service

- Co-Director, Center for Engineering in Columbia University College of Dental Medicine, 2018.
- Chair of Undergraduate Programs, Columbia IEOR, 2019.
- Panelist, Society of Women Engineers, 2018.
- Engineering the Next Generation (E.N.G) summer sessions for high school students, 2018.
- Society for Women in Engineer’s Exploration Experience Workshop for high school students, 2018.
- Johnson and Johnson Scholars Summer Lunchees for Undergraduate Women, 2017.
- Faculty consultant, Scheduling and Patient Flow, Department of Radiology, Morgan Stanley Children’s Hospital, New York, 2011-2012.
- Faculty consultant, Scheduling and Patient Flow, Department of Cardiology, Morgan Stanley Children’s Hospital, New York, 2013-2014.
- Faculty facilitator, Engineering EngAGE program for prospective graduate students from under-represented groups, Columbia University, 2014.
- Mentor to undergraduate and Master’s students
  2. Frederick Lee (2010-2011).
  5. Hao Li (2014).

• Doctoral Committees

• Doctoral Advising

• Post doctoral Advising

• Visiting Students
  2. Pan Xin, Peking University, 2017-2018.