University of British Columbia
Curriculum Vitae for Faculty Members

Date: **10-10-2018**
Initial: Y. D.

FIRST NAME: **Yichuan**

1. **SURNAME: Ding**

MIDDLE NAME(S):

2. **DEPARTMENT/SCHOOL:**   OPLOG/Sauder School of Business

3. **FACULTY:**   Commence and Business Administration

4. **PRESENT RANK:**   Assistant Professor   **SINCE:** July, 2012

5 POST-SECONDARY EDUCATION

(a)

University or Institution	Degree	Subject Area	Dates
Stanford University	Ph.D.	Operations Research	Sep. 2007 – July 2012
University of Waterloo	Master	Combinatorics & Optimization	Sep. 2005 - Apr. 2007
Zhejiang University	B.S.	Mathematics & Applied Mathematics	Sep. 2001 - Apr. 2005

(b) Title of Dissertation and Name of Supervisor

A Scoring-Based Ranking System and Its Application in Cadaver Kidney Allocation
Supervisors: Yinyu Ye, Stefanos Zenios
Other Committee Members: Peter Glynn, Lawrence Wein

6. EMPLOYMENT RECORD

(2013)   **Prior**

University, Hospital or Organization	Rank or Title	Dates
IBM Research	Research Intern	June 2010 – Sep 2010
Bristol University	Research Intern	June 2004 – Sep 2004

(b) Present

University, Hospital or Organization	Rank or title	Dates
University of British Columbia	Assistant Professor	July 2012 – present

(c) Date of granting tenure at UBC:

Not yet

7. LEAVES OF ABSENCE

8. TEACHING

(2013)   **Areas of special interest and accomplishments**

Stochastic Modeling, Operations Management, Heath Care Management

(b) Courses Taught at UBC:

Year	Session	Course Number or Description	Scheduled Hours	Class Size	Hours Taught			
					Lecture	Tutorials	Labs	Other
2012	Winter 1	BAMS 501 Probability in Management	M/W: 10:00-12:00	12	20			
2012	Winter 1	BANS 502 Stochastic Process	M/W: 10:00-12:00	11	20			
2013	Winter 2	COMM 399.204 Operations and Logistics	M/W: 13:00-14:30	54	42			

2013	Winter 1	BAMS 501 Probability in Management	M/W: 10:00-12:00	8	20			
2013	Winter 1	BAMS 502 Stochastic Process	M/W: 10:00-12:00	7	20			
2014	Winter 2	COMM 399.205 Operations and Logistics	T/Th: 14:00-15:30	58	42			
2014	Winter 2	COMM 399.206 Operations and Logistics	T/Th: 15:30-17:00	56	42			
2014	Summer	BABS 500 Business Statistics	Fri-Sun	38	20			
2014	Winter 1	COMM 399.102 Operations and Logistics	T/Th: 11:00-12:30	63	42			
2014	Winter 1	COMM 399.103 Operations and Logistics	T/Th: 12:30-14:00	64	42			
2014	Winter 1	COMM 399.104 Operations and Logistics	T/Th: 14:00-15:30	66	42			
2015	Summer	BABS 500 Business Statistics	Fri-Sun	33	20			
2015	Winter 1	COMM 204.103 Operations and Logistics	T/Th: 9:30-11:00	63	42			
2015	Winter 1	COMM 204.106 Operations and Logistics	T/Th: 11:00-12:30	63	42			
2015	Winter 1	COMM 204.107 Operations and Logistics	T/Th: 14:00-15:30	64	42			
2016	Summer	BABS 500 Business Statistics	Fri-Sun	33	20			
2017	Winter 2	COMM 204.203 Operations and Logistics	T/Th: 9:30-11:00	62	42			

2017	Winter 2	COMM 204.204 Operations and Logistics	T/Th: 11:00-12:30	63	42			
2017	Winter 2	COMM 204.206 Operations and Logistics	T/Th: 14:00-15:30	58	42			
2017	Summer	BABS 500 Business Statistics	Fri-Sun	26	20			

(c) Students (and Post-docs) Supervised:

Student Name	Program	Start Year	Finish Year	Role	Other Supervisors/ Committee Members
Raluca Mic	MMOR	2012	2013	Advisor	
Weihua Zhang	Ph.D.	2014		Principal co-Advisor	Hao Zhang, Mahesh Nagarajan
Eric Park	Post-Doc	2014	2016	Principal Advisor	Mahesh Nagarajan
Hanxing Zhang	M.Sc	2014	2015	Co-Advisor	Garland Chow
Shenghai Zhou	Visiting Ph.D.	2016	2017	Co-Advisor	Guohua Wan
Yiwen Jin	Ph.D.	2018		Principal Advisor	Mahesh Nagarajan, Steven Shechter

(d) Continuing Education Activities

(e) Visiting Lecturer (indicate university/organization and dates)

(f) Other

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) Areas of special interest and accomplishments

Methodology: Optimization, Stochastic Modeling, Empirical Research
Applications: Health Care and Other Public Sectors

(b)+(c) Research or equivalent grants/contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))

Granting Agency	Subject	COMP	$ Per Year	Year	Principal Investigator	Co-Investigator(s)
UBC	New Faculty Start-Up Funding	NC	25, 000 (only once)	2012	Yichuan Ding	
Sauder	Sauder Exploratory Grant	C	2000	2013	Yichuan Ding	
NSERC	Discovery Grant - Individual Title: Overloaded Queueing Systems: Service Capacity Allocation and Incentive Issues	C	26,000	2013-2018	Yichuan Ding	
Sauder	Sauder Exploratory Grant	C	2000	2014	Yichuan Ding	
Sauder	Sauder Exploratory Grant	C	5000	2015	Yichuan Ding	
Sauder	Sauder Exploratory Grant	C	7000	2016	Yichuan Ding	
NSERC	Discovery Grant - Individual Title: Overloaded Queueing Systems: Service Capacity Allocation and Incentive Issues (Renewal)	C	26,000	2018-2019	Yichuan Ding	
Centre for Innovative Data in Economics, UBC	Grant: Title: Innovative Use of Data for Better Gatekeeping in Emergency Department	C	10,000	2018-2019	Yichuan Ding	

Sauder	Internal Funding	NC	7000	2018	Yichuan Ding	

(d) Invited Presentations

"An Achievable-Region-Based Approach for Kidney Allocation Policy Design with Endogenous Patient Choice", Carey Business School, Johns Hopkins University, Baltimore, MD, September 2018

"An Achievable-Region-Based Approach for Kidney Allocation Policy Design with Endogenous Patient Choice", Naveen Jindal School of Management, University of Texas at Dallas, Dallas, TX, February 2018

"Fluid Models for Resource Matching and Allocation," Industrial & Systems Engineering, University of Washington, Seattle, WA, January 2018

"Fluid Models for Resource Matching and Allocation," Marshall School of Business, University of Southern California, Los Angeles, CA, January 2018

"Fluid Models for Resource Matching and Allocation," Stern School of Business, New York University, New York, NY, November 2017

"Fluid Models for Resource Matching and Allocation," Krannert School of Management, Purdue University, West Lafayette, IN, September 2017

"A Fluid Model for an Overloaded Bipartite System with Scoring-Based Policies," Chicago Booth School of Business, Chicago University, Chicago, IN, September 2017

"A Fluid Model for an Overloaded Bipartite System with Scoring-Based Policies," Rotman School of Management, Toronto University, Toronto, ON, October 2016

"A Fluid Model for an Overloaded Bipartite System with Scoring-Based Policies," Department of Decision Science, Fuqua School of Business, Duke University, Durham, NC, March 2016

"A Fluid Model for an Overloaded Bipartite System with Scoring-Based Policies," Department of Operations Research, North Carolina State University, Raleigh, NC, March 2016

"An Overloaded Service System with Scoring-Based Policies," Healthcare Seminar Series, Department of Mechanical Engineering, University of Toronto, Toronto, Canada, Dec 2014

"New Applications of Optimization Methods in Queueing Systems" Seminar Series in memorial of Professor Peter Veinott, Shanghai University of Finance and Economics, June 2014

"New Research Topics in Healthcare Operations", Antai School of Economics and Management, Shanghai Jiao

Tong University, Shanghai Dec 2013

"An Overloaded Multi-Class Queueing System with Scoring-Based Policies," Department of Industrial and System Engineering, University of Minnesota, Minneapolis, MN, 2013.

"The Donor-Dependent Scoring Policies: Shaping the Cadaver Kidney Allocation in the New Era," Department of Industrial Operations and Logistics, Sauder School of Business, Vancouver, 2012.

"The Donor-Dependent Scoring Policies: Shaping the Cadaver Kidney Allocation in the New Era," Department of Decision Science, NUS Business School, National University of Singapore, Singapore, 2012.

"The Donor-Dependent Scoring Policies: Shaping the Cadaver Kidney Allocation in the New Era," Department of Decision Science, School of Business, Lee Kong Chian School of Business, Singapore Management University, Singapore, 2012.

"The Donor-Dependent Scoring Policies: Shaping the Cadaver Kidney Allocation in the New Era," Department of Industrial Engineering and Logistic Management, The Hong Kong University of Science and Technology, Vancouver, 2012.

"The Donor-Dependent Scoring Policies: Shaping the Cadaver Kidney Allocation in the New Era," Department of Industrial and Operations Engineering, University of Michigan, Ann Arbor, MI, 2012.

"Price of Correlation in Stochastic Programming," 2011 The Tutte Seminar, Department of Combinatorics and Optimization, University of Waterloo, Ontario, Canada, June 2011.

"A Multiclass Queuing Game for Cadaver Kidney Allocation," 2010 INFORMS annual meeting, session for finalists of Pierskalla Best Paper Award in health care, Austin, Texas, USA, Nov. 2010.

"A Lower Dimensional Semidefinite Relaxation for Quadratic Assignment Problem," Banff International Research Station, BIRS, Banff, Alberta, Canada, Oct. 2006.

(e) Other Presentations

"Optimization Models in Public Sectors", 2017 International Data-Driven Optimization Workshop – in celebration of Prof Yinyu Ye's 70th birthday, SHUFE, Shanghai, China, Dec 2017.

"Patient Prioritization in Emergency Department Triage Systems: An Empirical Study of Canadian Triage and Acuity Scale (CTAS)", Presentation for Behavioral Operations Management the Best Working Paper Award Competition, INFORMS Annual Conference, Houston, TX, November 2017

"A Fluid Model For An Overloaded Bipartite Queueing System With Scoring Based Priority Rules", MSOM Annual Conference, Chapel Hill, NC, June 2017

"A Fluid Model for An Overloaded Bipartite Queueing System With Scoring Based Priority Rules", POMS Annual Conference, Seattle, May 2017

"Managing Returning Customers in An Appointment Based Service System", POMS Annual Conference, Seattle, May 2017

"Managing Returning Customers in An Appointment Based Service System", INFORMS Annual Conference, Nashville, TN, November 2016

"A Fluid Model For An Overloaded Bipartite Queueing System With Scoring Based Priority Rules", INFORMS Annual Conference, Nashville, TN, November 2016

"A slotted queue with state-dependent arrival rate and returning customers, and its application in outpatient scheduling", Annual International Conference of the Chinese Scholars Association for Management Science and Engineering (CSAMSE), Hefei, China, July 2016

"Multi-queue service systems with dynamic customer choice", Annual International Conference of the Chinese Scholars Association for Management Science and Engineering (CSAMSE), Hefei, China, July 2016

"Patient Prioritization in Emergency Department Triage Systems: An Empirical Study of Canadian Triage and Acuity Scale (CTAS)", Annual International Conference of the Chinese Scholars Association for Management Science and Engineering (CSAMSE), Hefei, China, July 2016

"Outpatient-Clinic Capacity Management when Continuity of Care Matters" 2015 INFORMS Annual Conference, Philadelphia, PA, November 2015

"Outpatient-Clinic Capacity Management when Continuity of Care Matters", 2015 INFORMS Health Care Conference, Nashville, TN, August, 2015

"A Multi-Queue System with Customer Choice" 2015 INFORMS Applied Probability Society (APS) Conference, Istanbul, Turkey, July 2015

"Outpatient-Clinic Capacity Management when Continuity of Care Matters", 2015 Manufacture and Service Operations Management (MSOM) Special Interest Group (SIG), Toronto, Canada, June 2015

"A Non-asymptotic Approach to Analyzing Kidney Exchange Graphs", 2015 Manufacture and Service Operations Management (MSOM), Toronto, Canada, June 2015

"A Non-asymptotic Approach to Analyzing Kidney Exchange Graphs", 2015 Production Operations Management Society (POMS) conference, Orlando, FL, May 2015

"An Overloaded Service System with Scoring-Based Policies," 2014 MSOM annual conference, Seattle, WA, June 2014

"An Overloaded Service System with Scoring-Based Policies," 2014 INFORMS annual conference, San Francisco, CA, Nov. 2014

"An Overloaded Service System with Scoring-Based Policies," Session Chair and Speaker, 2013 INFROMS Applied Probability Society Conference, Costa Rica, July 2013.

"Donor-Dependent Scoring Schemes: Shaping the Allocation of Cadaver Kidneys in a New Era", Session Chair and Speaker, 2013 INFROMS Applied Probability Society Conference, Costa Rica, July 2013.

"Modeling Patient Follow-ups in a Primary Care," speaker and session chair, 2012 POMS annual conference, Chicago, Illinois, USA, April 2012.

"The Donor-Dependent Scoring Policies: Shaping the Cadaver Kidney Allocation in the New Era," 2011 INFORMS Healthcare, Montreal, QC, Canada, June 2011.

(f) Other

(g) Conference Participation (Organizer, Keynote Speaker, etc.)

Conference Co-Organizer:
- 2020 Asia-Pacific Interntional Symposium on Advanced Reliability and Maintenance (APARM)
- 2017 International Data-Driven Optimization Workshop – in Celebration of Professor Yinyu Ye's 70th birthday, SHUFE, Shanghai, China.

Conference Session (Co)-Chair
- "Empirical Research in Health Care", 2018 INFORMS Annual Conference, November 2018
- "Resource Allocation and Capacity Management in Health Care", 2018 INFROMS Annual Conference, November 2018
- "Data-Driven Models in Healthcare", 2017 INFORMS Annual Conference, November 2017
- "Data-Driven Models in Healthcare", 2017 POMS Annual Conference, May 2017
- "Resource Allocation and Matching" 2017 POMS Annual Conference, May 2017
- "Data-Driven Models in Healthcare I", 2015 INFORMS Annual Conference, Philadelphia, PA, November 2015
- "Data-Driven Models in Healthcare II", 2015 INFORMS Annual Conference, Philadelphia, PA, November 2015
- "New Models in Appointment Scheduling", 2015 INFORMS Health Care Conference, Nashville, TN, August, 2015
- 2015 INFORMS Applied Probability Society (APS) Conference, Istanbul, Turkey
- 2015 MSOM Annual Conference, Toronto, Canada, June 2015.
- "Matching-Based Queueing System," 2014 INFORMS annual conference, San Francisco, CA, November 2014
- "Models for Kidney Exchange", 2014 INFORMS annual conference, San Francisco, CA, November 2014
- "An Overloaded Service System with Scoring-Based Policies", 2013 INFROMS Applied Probability Society Conference, Costa Rica, July 2013.

- "Donor-Dependent Scoring Schemes: Shaping the Allocation of Cadaver Kidneys in a New Era", 2013 INFROMS Applied Probability Society Conference, Costa Rica, July 2013.
- "The Donor-Dependent Scoring Policies: Shaping the Cadaver Kidney Allocation in the New Era", 2012 INFORMS annual meeting, Phoenix, AZ, USA, June 2011.

10.1 SERVICE TO THE UNIVERSITY

(a) Memberships on committees, including offices held and dates

Member of UBC Faculty Association,
Member of Research Committee, Sauder School of Business, UBC

(b) Other service, including dates

MS thesis committee: Hanxing Zhang, 2015
PhD proposal defense committee: Weihua Zhang, 2018

10.2 SERVICE TO THE HOSPITAL

(a) Memberships on committees, including offices held and dates

(b) Other service, including dates

11. SERVICE TO THE COMMUNITY

(a) Memberships on scholarly societies, including offices held and dates

Member of INFORMS, Health Care Operations Society, Applied Probability Society, Manufacturing and Service Operations Society, Canadian Operational Research Society, since 2009

(b) Memberships on other societies, including offices held and dates

(c) Memberships on scholarly committees, including offices held and dates

(d) Memberships on other committees, including offices held and dates

(e)   Editorships (list journals and dates)

Guest Associate Editor for Naval Research Logistics, since June, 2018.

(f)   Reviewer (journal, agency, etc. including dates)

Journals:

Operations Research, Management Science, Manufacturing and Service Operations, Mathematics of Operations Research, SIAM in Optimization, SIAM in Discrete Mathematics, European Journal of Operations Research, Production and Operations Management, IIE Transactions, Journal of Combinatorial Optimization, Operations Research Letter, INFORMS Journal on Computing, Operations Research for Health Care, Naval Logistic Research, Stochastic Systems

Paper competitions:

Judger for 2013 INFORMS Healthcare Application Society Student Paper Competition

Judger for 2015 INFORMS Healthcare Application Society Student Paper Competition

Judger for 2017 POMS School of Healthcare Operations Management Best Student Paper Competition

Conferences:+

Judger for 2016 MSOM SIG Conference – Healthcare Operations Track

Judger for 2017 MSOM SIG Conference – Healthcare Operations Track

Judger for 2018 MSOM SIG Conference – Healthcare Operations Track

(g)   External examiner (indicate universities and dates)

(h)   Consultant (indicate organization and dates)

(i)   Other service to the community

12. AWARDS AND DISTINCTIONS

(a)   Awards for Teaching (indicate name of award, awarding organization, date)

(b)   Awards for Scholarship (indicate name of award, awarding organization, date)

3rd Place, Best Working Paper Award, 2017 Behavioral Operations Management Section.

2012 Dantzig-Lieberman Fellowship, Stanford University

2010 student paper prize, honorable mention, by the COSP (Committee of Stochastic Programming)

(c)   Awards for Service (indicate name of award, awarding organization, date)

(d)   Other Awards

13. OTHER RELEVANT INFORMATION (Maximum One Page) -- MEDIA Coverage:

"UBC study: Kidney transplant chains more effective in saving lives", by *eurekalert.org*.

"CBSA improperly schedules border staff: UBC", by *24 Hours Vancouver*

"Cutting border wait times without adding staff: UBC study", by *News1130*

"Canadian border lineups could be way shorter with new scheduling technique", by Global News

FIRST NAME: Yichuan

SURNAME: Ding

MIDDLE NAME(S):

01. Refereed Publications

(a) Journals

Yuren Wang*, Yichuan Ding, Eric Park*, Garth Hunte^ (2018). "Do financial incentives change length-of-stay performance in emergency departments? A retrospective study of the Pay-for-Performance program in Metro Vancouver". *Academic Emergency Medicine*, accepted.

Baris Ata, Yichuan Ding, Stefanos Zenios (2018). "An Achievable-Region-Based Approach for Kidney Allocation Policy Design with Endogenous Patient Choice". *Manufacturing and Service Operations Management*, accepted.

Yichuan Ding, Eric Park*, Mahesh Nagarajan, Eric Grafstein^ (2017). "Patient Prioritization in Emergency Department Triage Systems: An Empirical Study of Canadian Triage and Acuity Scale (CTAS)". *Manufacturing and Service Operations Management,* accepted.

Yichuan Ding, Dongdong Ge, Simai He, Chris Ryan, "A Non-Asymptotic Approach to Analyzing Kidney Exchange Graphs", *Operations Research*, 2018 66:4, 918-935.

Yu Mengqiao*, Yichuan Ding, Robin Lindsey, Cong Shi (2016). "A Data-Driven Approach to Manpower Planning at US–Canada Border Crossings." *Transportation Research Part A: Policy and Practice*, 91, 34-47

David Lowsky, Yichuan Ding, Donald Lee, Charles McCulloch^, Lainie Ross^, Richard Thistlethwaite^, Stefanos Zenios (2013). "A K-Nearest-Neighbors Survival Probability Prediction Method." *Statistics in Medicine*, 32(12), 2062-2069.

Shipra Agrawal, Yichuan Ding, Amin Saberi, Yinyu Ye (2012). "Price of correlations in Stochastic Optimization." *Operations Research*, 60(1), 150-162.

Yichuan Ding, Dongdong Ge, Henry Wolkowicz (2011). "On equivalence of semidefinite relaxations for quadratic matrix programming." *Mathematics of Operations Research*, 36(1), 88-104.

Yichuan Ding, Nathan Krislock, Jiawang Qian, Henry Wolkowicz (2010). "Sensor network localization, Euclidean distance matrix completions, and graph realization." *Optimization and Engineering*, 11(1), 45-66.

Yichuan Ding, Henry Wolkowicz (2009). "A Low-Dimensional Semidefinite Relaxation for the Quadratic Assignment Problem." *Mathematics of Operations Research*, 34(4), 1008-1022.

(b) Conference Proceedings

Yichuan Ding, Dongdong Ge, Simai He, Chris Ryan. "A non-asymptotic approach to analyzing kidney exchange graphs." *Proceedings of The 16th ACM conference on Economics and Computation (EC).*

Shipra Agrawal, Yichuan Ding, Amin Saberi, Yinyu Ye. "Correlation robust stochastic optimization." *Proceedings*

of the Twenty-First Annual ACM-SIAM Symposium on Discrete Algorithms (SODA) (pp. 1087-1096).

Zizhuo Wang and Yichuan Ding. "Real-time tracking for sensor networks via SDP and gradient method." *Proceedings of the first ACM international workshop on Mobile entity localization and tracking in GPS-less environments* (pp. 109-112). ACM.

Yichuan Ding. "A note on the trackability of dynamic sensor networks." *Proceedings of the first ACM international workshop on Mobile entity localization and tracking in GPS-less environments (pp. 113-116). ACM.*

(c)   **Other**

02. Non Refereed Publications

(a)   **Journals**

(b)   **Conference Proceedings**

(c)   **Other**

03. Books

(a)   **Authored**

(b)   **Edited**

(c)   **Chapters**

04. Patents

05. Special Copyrights

06. Artistic Works, Performances, Designs

07. Other Works

      Abstracts

      Videos

      Presentations

      Radio & TV Programs

08. Work Submitted (including publisher and date of submission)

Yichuan Ding, Mahesh Nagarajan, Zhe Zhang (2018). "Heavy-Traffic Limits for a Special Class of State-Dependent Queueing System", under the first-round review of *Operations Research*.

Shenghai Zhou*, Yichuan Ding, Tim Huh, Guohua Wan (2018). "Constant Job-Allowance Policies for Appointment Scheduling: Asymptotic Optimality and Numerical Analysis", under the first-round review of *Production and Operations Management*.

Yichuan Ding, Preveena Dharmaraj^, Sean Hardy^, Sarah McAnally^, Zhen Liu*, Garth Hunte^ (2018). "A Combined Use of NEWS and CTAS in Predicting Admission Likelihood in Emergency Departments". Under revision for the second-round review of *Canadian Journal of Emergency Medicine*. (first round: major revision)

Yichuan Ding, Thomas McCormick, Mahesh Nagarajan (2018). A Fluid Model for an Overloaded Bipartite Queueing System with Scoring-Based Priority Rules". Under the third-round review of *Operations Research*. (first and second rounds: major revision).

Melissa Wan^, Jacques X. Zhang^, Yichuan Ding, Yiwen Jin*, Julie Bedford^, Mahesh Nagarajan, Marija Bucevska^, Douglas Courtemanche^, Jugpal S. Arneja^. "High Risk Plastic Surgery…" (complete title can be released after publication according to the journal's requirement), submitted.

09. Work In Progress (including degree of completion)

"Portability Maximization for Public Housing: A Centralized Approach". (early stage)

"A Data-Driven Optimization Method for Staffing Planning in a Canadian Emergency Department subject to Service-Level Constraints". (early stage)

Jie Wang*, Yichuan Ding, Mahesh Nagarajan, Leung Arnold^, Garth Hunte^, Wiston MacKenzie^, Julian Marsden^. "Comparison of Data Mining Algorithms for Emergency Room Wait Time Predictions". (results completed, writing in progress)

Jacques Zhang^, Melissa Wan^, Yichuan Ding, Yiwen Jin, Mahesh Nagarajan, Douglas Courtemanche^, Jugpal Arneja^. "Do Microsurgical Outcomes Differ Based on Which Specialty Does the Operation? An Analysis of 6,617 Cases from the National Surgical Quality Improvement Program". (results completed, writing in progress)

Yichuan Ding, Nancy Humber^, Barbara Lai^ (2018). "Do Patients From Rural Areas Get Proper Referral for Surgical Care?" (results completed, writing in progress)

Yichuan Ding, Thomas McCormick, Mahesh Nagarajan (2018). "Public Housing Assignment in the City of Pittsburgh". (results completed, writing in progress)

Yichuan Ding, Diwakar Gupta, Xiaoxu Tang*. "Managing a Slotted Service System with Returning Customers". Target Journal: Operations Research (under revision, a preliminary draft can be downloaded from my website)