

Leir Research Institute Planning Summit
May 2, 12pm - May 3, 1pm, 2019
Leir Retreat Center

2019 AGENDA

THURSDAY, MAY 2, 2019

12:00 PM - 01:00 PM

ARRIVAL AND LUNCH

01:00 PM - 05:00 PM

TECHNICAL SESSIONS

01:00 PM - 01:20 PM

Introductions and Opening Remarks

- Yi Chen, PhD, *Director of LRI, MTSM, NJIT*
- Jack Fong, MD, *Director, The Leir Retreat Center*
- Reggie J. Caudill, PhD, *Dean, MTSM, NJIT*

01:20 PM - 02:20 PM

Healthcare and Wellbeing

- Session Chair: Maria McQuade, *TANENBAUM*

"Leveraging Big Clinical Data to Improve Clinical Research and Precision Medicine"

- Chunhua Weng, PhD, *Department of Biomedical Informatics, Columbia University*

"Smart and Connected Health Enabled by Big Data and AI"

- Yi Chen, PhD, *MTSM, Director of LRI, NJIT*

02:20 PM - 02:40 PM

COFFEE BREAK

02:40 PM - 03:40 PM

Autonomous Systems and Connectedness

- Session Chair: Reggie J. Caudill, PhD, *Dean, MTSM, NJIT*

"Challenges to Creating a Welcoming Environment for Safe, Inclusive, Affordable, Energy Efficient, & Environmentally Responsible On-Demand 24/7 Mobility for All People; Especially the Mobility Marginalized."

- Alain Kornhauser, PhD, *Dept. of Operations Research & Financial Engineering, Princeton University*

"The Future of Autonomous Driving and Its Impact on Transit"

- Jerome Lutin, PhD, *Retired Senior Director, New Jersey Transit*

03:40 PM - 04:00 PM

COFFEE BREAK

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04:00 PM - 05:00 PM

Risk Management and Resilience

- Session Chair: Jim (Junmin) Shi, PhD, *MTSM, NJIT*

"Decision Optimization under Uncertainty"

- Mark Squillante, PhD, *IBM Research*

"Software Risk"

- Iulian Neamtiu, PhD, *Department of Computer Science, NJIT*

05:00 PM - 05:45 PM

RECEPTION AND NETWORKING

05:45 PM - 06:30 PM

DINNER

06:30 PM - 08:00 PM

BREAKOUT SESSIONS

Group A: Healthcare and Wellbeing

Group Leaders:

- William Kinsman, *Inovalon*
- William V. Rapp, PhD, *MTSM, NJIT*

Group B: Autonomous Systems and Connectedness

Group Leaders:

- Shaun Wiggins, *President and CEO, Soteryx Corp.*
- Michael A. Ehrlich, PhD, *MTSM, NJIT*

Group C: Risk Management and Resilience

Group Leaders:

- George Kelly, President, *GJKelly Associates*
- Jim (Junmin) Shi, PhD, *MTSM, NJIT*

0:800 PM

ADJOURN AND DEPART FOR ETHAN ALLEN HOTEL

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FRIDAY, MAY 3, 2019

09:00 AM - 09:30 AM	OPENING REMARKS <ul style="list-style-type: none">• Jack Fong, MD, <i>Director, The Leir Retreat Center</i>
09:30 AM - 11:00 AM	BREAKOUT SESSIONS (Cont'd)
11:00 AM - 11:30 AM	COFFEE BREAK
11:30 AM - 12:30 PM	SUMMARY OF BREAKOUT SESSIONS
12:30 PM - 01:00 PM	LUNCH AND ADJOURN

BREAKOUT SESSION GROUPS

Group A: Healthcare and Wellbeing

Group Leaders:

- William Kinsman, *Inovalon*
- William V. Rapp, PhD, *MTSM, NJIT*

Group Members:

- Cesar Bandera, PhD, *MTSM, NJIT*
- Yi Chen, PhD, *MTSM, Director of LRI, NJIT*
- Jack Fong, MD, *Director, The Leir Retreat Center*
- William McDermott, *Executive Director of Development, NJIT*
- Maria McQuade, *TANENBAUM*
- Balavignesh (Bala) Thirumalainambi, *New Jersey Innovation Institute (NJII)*
- Chunhua Weng, PhD, *Dept. of Biomedical Informatics, Columbia University*
- Xinyue Ye, PhD, *Dept. of Informatics, NJIT*

Group B: Autonomous Systems and Connectedness

Group Leaders:

- Shaun Wiggins, *President and CEO, Soteryx Corp.*
- Michael A. Ehrlich, PhD, *MTSM, NJIT*

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Group Members:

- David Belanger, PhD, School of Business, *Stevens Institute of Technology*
- Reggie J. Caudill, PhD, *Dean, MTSM, NJIT*
- Hongya Ge, PhD, *Dept. of ECE, NJIT*
- Alain Kornhauser, PhD, *Dept. of Operations Research & Financial Engineering, Princeton University*
- Rachel Liu, PhD, *Dept. of Civil & Environmental Engineering, NJIT*
- Jerome Lutin, PhD, *Retired Senior Director, New Jersey Transit*
- Cameron Smith, *TANENBAUM*
- Xinyuan Tao, PhD, *MTSM, NJIT*
- Dantong Yu, PhD, *MTSM, NJIT*
- Haisu Zhang, PhD, *MTSM, NJIT*

Group C: Risk Management and Resilience

Group Leaders:

- George Kelly, *President, GJKelly Associates*
- Jim (Junmin) Shi, PhD, *MTSM, NJIT*

Group Members:

- John Cays, *Associate Dean for Academic Affairs, College of Architecture and Design, NJIT*
- Yingdong Lu, PhD, *IBM Research*
- Lori Nanton, *Director of Collaborative Educational Partnerships and Executive Education, MTSM, NJIT*
- Iulian Neamtii, PhD, *Dept. of Computer Science, NJIT*
- Mark Squillante, PhD, *IBM Research*
- Cheickna Sylla, PhD, *Associate Dean for Academics, MTSM, NJIT*
- Stephen M Taylor, PhD, *MTSM, NJIT*
- Zhipeng Yan, PhD, *Associate Dean for Research and International Programs, MTSM, NJIT*

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2019 ATTENDEES

Name	Title
Cesar Bandera, PhD	Associate Professor, Martin Tuchman School of Management, NJIT
David Belanger, PhD	Senior Research Fellow, School of Business, Stevens Institute of Technology
Reggie J. Caudill, PhD	Professor and Dean, Panasonic Chair of Sustainability, Martin Tuchman School of Management, NJIT
John Cays	Associate Dean for Academic Affairs, College of Architecture and Design, NJIT
Yi Chen, PhD	Henry J. Leir Chair in Healthcare, Director of Henry J. and Erna D. Leir Research Institute for Business, Technology, and Professor in Martin Tuchman School of Management, with joint appointments in Ying Wu College of Computing Sciences, NJIT
Michael A. Ehrlich, PhD	Associate Professor, Martin Tuchman School of Management, NJIT
Brian Fineman, PhD	Director of Systems Planning, Data and Forecasting, North Jersey Transportation Planning Authority
Jake Fong, MD	Director, The Leir Retreat Center
Hongya Ge, PhD	Associate Professor, Helen and John C. Hartmann Department of Electrical and Computer Engineering, NJIT
George Kelly	President, GJKelly Associates
William Kinsman	Senior Manager of Machine Learning and Natural Language Processing, Inovalon
Alain Kornhauser, PhD	Professor and Director of the Program in Transportation, Department of Operations Research & Financial Engineering, Princeton University
Rachel Liu, PhD	Professor, John A. Reif, Jr. Department of Civil & Environmental Engineering, NJIT
Yingdong Lu, PhD	Research Staff Member, IBM Research
Jerome Lutin, PhD	Retired Distinguished Research Professor at NJIT, and Retired Senior Director of Statewide and Regional Planning at New Jersey Transit
William McDermott	Executive Director of Development, Martin Tuchman School of Management, Ying Wu College of Computing, College of Science and Liberal Arts, NJIT
Maria McQuade	Health Care Program Associate, TANENBAUM
Lori Nanton	Director of Collaborative Educational Partnerships and Executive Education, Martin Tuchman School of Management, NJIT
Iulian Neamtiu, PhD	Associate Professor, Department of Computer Science, NJIT

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William V. Rapp, PhD	Henry J. Leir Professor of International Trade and Business, Martin Tuchman School of Management, NJIT
Jim (Junmin) Shi, PhD	Associate Professor, Martin Tuchman School of Management, NJIT
Cameron Smith	Workplace Program Associate, TANENBAUM
Mark S. Squillante, PhD	Distinguished Research Staff Member and Manager, IBM Research
Cheickna Sylla, PhD	Professor and Associate Dean for Academics, Martin Tuchman School of Management, NJIT
Xinyuan Tao, PhD	Assistant Professor, Martin Tuchman School of Management, NJIT
Stephen M. Taylor, PhD	Assistant Professor, Martin Tuchman School of Management, NJIT
Balavignesh (Bala) Thirumalainambi	Government Affairs and Finance Director, New Jersey Innovation Institute (NJII)
Chunhua Weng, PhD	Associate Professor, Department of Biomedical Informatics, Columbia University
Shaun Wiggins	President and CEO, Soteryx Corp.
Zhipeng Yan, PhD	Associate Professor and Associate Dean for Research and International Programs, Martin Tuchman School of Management, NJIT
Xinyue Ye, PhD	Associate Professor in Department of Informatics, Director of Urban Informatics & Spatial Computing Lab, and Core Faculty at Center for Big Data, NJIT
Dantong Yu, PhD	Associate Professor and Graduate Program Director of Ph.D. in Business Data Science, Martin Tuchman School of Management, NJIT
Haisu Zhang, PhD	Assistant Professor, Martin Tuchman School of Management, NJIT

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