

## FRANÇOIS C. GIRAUD-CARRIER

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Department of Supply Chain & Management Information Systems  
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### EMPLOYMENT

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Assistant Professor of Supply Chain Management, Department of Supply Chain & MIS, Goddard School of Business & Economics, Weber State University	2018—Present
Assistant Professor of Operations Management, Department of Management Information Systems, University of Illinois at Springfield	2014—2018
Lecturer in Operations Management, Department of Management Information Systems, University of Illinois at Springfield	2013—2014

### EDUCATION

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Ph.D. in Operations Management from David Eccles School of Business, University of Utah Dissertation: <i>Pollution Regulation and Production in Imperfect Markets</i> Advisor: Krishnan S. Anand	2014
M.S. in Industrial Engineering from Ecole des Ponts, Paris Institute of Technology, France	1994

### CURRENT RESEARCH INTERESTS

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Sustainable operations; Supply chain management; Experiential education.

### PUBLICATIONS

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1. Anand, K.S. & Giraud-Carrier, F. C. (forthcoming). Pollution regulation of competitive markets. *Management Science*.
2. Agarwal, A., **Giraud-Carrier, F. C.**, & Li, Y. (2018). A mediation model of green supply chain management adoption: The role of internal impetus. *International Journal of Production Economics*, 205, 342-358.
3. Agarwal, A., & **Giraud-Carrier, F. C.** (2018). Green supply chain management adoption in Midwest manufacturing: The role of suppliers. *SAM Advanced Management Journal*, 83(3), 4-16.
4. **Giraud-Carrier, F.**, & Schmidt, G. M. (2015). Learning in the fast lane: The freeway game. *Decision Sciences Journal of Innovative Education*, 13(3), 273-287. **Awarded 2015 Outstanding Teaching Brief.**

## SELECTED RESEARCH IN PROGRESS

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1. “Fairness in pollution regulation: The ‘polluter-pays’ principle under cap-and-trade” with K.S. Anand.
2. “Diffusion of abatement innovations under pollution regulations” with K.S. Anand.
3. “How does supplier integration improve firm performance? Insights from a meta-analytic structural equation modeling study” with C. Rigsbee and H. Qahri-Saremi.
4. “Optimal pollution control within a supply chain” with K.S. Anand.

## CONFERENCE PROCEEDINGS

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1. Agarwal, A., **Giraud-Carrier, F.**, & Penumatsa, L.S. (2016). Status of Green Supply Chain Management Adoption in Midwest Manufacturing: An Empirical Study. Proceedings of the 47<sup>th</sup> Decision Sciences Institute Annual Meeting (DSI 2016), pp. 1356-1364.
2. Vankeisbelck, R., **Giraud-Carrier, F.**, Duchon, J., & Zarli, A. (2005). The Intelcities e-City Platform: a framework for a new generation of local e-government services. *eGov INTEROP'05*.
3. Bourdeau, M., **Giraud-Carrier, F.**, Rezgui, Y. and Zarli, A. (2001). Knowledge Management in the Construction Industry: the e-COGNOS Approach. In Brian Stanford-Smith and Enrica Chiozza, editors, *E-work and E-commerce: Novel solutions and practices for a global networked economy*. IOS Press, 2001. Vol. 2. (pp. 944-950.)

## CONFERENCE PRESENTATIONS

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1. “Market Mechanisms for Pollution Control: A Comparative Study of Cap-and-Trade, Cap and Emission Taxes”, Invited talk, POMS annual meeting, Reno, NV, May 2011.
2. “Pollution and Production”, Invited talk, INFORMS annual meeting, Charlotte, NC, November 2011.
3. “Pollution and Production”, Invited talk, POMS annual meeting, Chicago, IL, April 2012.
4. “Pollution Regulation and Production”, MSOM Conference, New York, NY, June 2012.
5. “Investing in pollution abatement innovations under emission taxes and cap-and-trade”, Invited talk, INFORMS annual meeting, Phoenix, AZ, October 2012.
6. “Pollution Regulation and Production”, Invited talk, INFORMS annual meeting, Phoenix, AZ, October 2012.
7. “Does Cap-and-Trade enable Collusion?”, Invited talk, Theory in Economics of Information Systems (TEIS) Workshop, Monterey, CA, June 2013.
8. “Does Cap-and-Trade enable Collusion?”, INFORMS annual meeting, Minneapolis, MN, October 2013.
9. “Pollution Regulation of Firms producing Partial Substitutes”, Invited talk, POMS annual meeting, Atlanta, GA, May 2014.
10. “Incentives to Invest in Pollution Abatement Innovations under Cap, Cap-and-Trade and Tax”, Invited talk, POMS annual meeting, Atlanta, GA, May 2014.
11. “Does Cap-and-Trade enable Collusion?”, Invited talk, POMS annual meeting, Atlanta, GA, May 2014.
12. “The Freeway Game”, Contributed talk, POMS annual meeting, Atlanta, GA, May 2014.
13. “Pollution Regulation and Market Structure”, INFORMS annual meeting, San Francisco, CA, November 2014.
14. “Does Cap-and-Trade enable Collusion?”, INFORMS annual meeting, San Francisco, CA, November 2014.
15. “Incentives to Invest in Pollution Abatement Innovations”, Invited talk, INFORMS annual meeting, San Francisco, CA, November 2014.
16. “Drivers of Traffic Congestion Externality: Insights from the Freeway Game”, DSI annual meeting, Seattle, WA, November 2015.
17. “Drivers of Traffic Congestion Externality: Insights from the Freeway Game”, POMS annual meeting, Orlando, FL, May 2016.
18. “Pollution Regulation and Market Structure: Equilibria, Profits and Welfare Effects”, Invited talk, INFORMS annual meeting, Nashville, TN, November 2016.

19. "Status of Green Supply Chain Management Adoption in Midwest Manufacturing: An Empirical Study", DSI annual meeting, Austin, TX, November 2016.
20. "Pollution Regulation and Market Structure: An Operations Perspective", Contributed talk, POMS annual meeting, Seattle, WA, May 2017.
21. "Pollution Regulation and Market Structure", Invited talk, MSOM Conference, Chapel Hill, NC, June 2017.
22. "Pollution Regulation: An Operations Perspective", Invited talk, INFORMS annual meeting, Houston, TX, October 2017.
23. "Moderated Mediation in the Effects of Supplier Integration on Firm Performance: A Meta-Analytic Study", Contributed talk, DSI annual meeting, Washington DC, November 2017.
24. "Pollution Regulation under Imperfect Competition", Invited talk, MSOM Sustainability SIG, UT Dallas, TX, July 2018.
25. "'From Knowledge Transfer to Competency Building: A New Pedagogy for Career Success", Weber State University, 2019 Faculty Symposium: A Teaching and Learning Celebration, April 2019.
26. "Supplier Integration and Firm Performance: A Meta-Analytic SEM Study", Contributed talk, POMS annual meeting, Washington DC, May 2019.

## TEACHING

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Teaching interests: Operations/Supply Chain Management, Management Science, Sustainable Operations.

**Master Online Teacher Certificate** from the Illinois Online Network in 2015: This six-course certificate recognizes faculty who possess a demonstrated knowledge related to online course design and online instruction.

### *Courses currently taught at Weber State University.*

- SCM 3050: Operations & Supply Chain Management | [on campus]
- SCM 4840: Operations & Supply Chain Industry Projects | [on campus]

### *Courses taught at the University of Illinois at Springfield (2013—2018).*

- BUS 322: Principles of Operations Management | [on campus, online & hybrid]
- BUS 530: Supply Chain & Logistics Management [MBA elective] | [on campus]
- MIS 385: Data & Information Management | [hybrid]
- MIS 352: Principles of Management Information Systems | [on campus]
- MIS 323: Social Health Care Informatics | [hybrid]
- MIS 513: Management Information Systems [MSIS core] | [on campus]

### *Courses taught at the David Eccles School of Business, University of Utah (2012—2013):*

- OIS 3660: Operations Management | [on campus]

## CURRICULUM DEVELOPMENT

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### *New degree program developed at Weber State University*

- Supply chain management minor [approved in Spring 2019]

### *New degree program developed at the University of Illinois at Springfield.*

- Graduate Certificate in Operations and Supply Chain Management [approved in Fall 2017]

### *New courses developed at the University of Illinois at Springfield.*

- BUS 530: Supply Chain & Logistics Management [MBA elective] | [approved in Spring 2015]
- MIS 323: Social Health Care Informatics | [hybrid online & on campus] | [approved in Fall 2016]

## SERVICE

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### *Service to the University*

- UIS Academic Integrity Council (Chair) 2016—2018
- UIS Academic Integrity Council (member) 2014—2018

### *Service to the Goddard School of Business*

2018—present

- Strategic Planning Committee (member)
- Internationalization Committee (member)

### *Service to the Department*

2013—2018

- Department Executive Committee (member)
- Faculty search committees (member)
- Graduate assistant search committees (member)
- Department Personnel Committee (member)
- MIS Hall of Fame Committee (member)

### *Service to the OM community*

- Co-editor of the POMS Chronicle, the official newsletter of the Production and Operations Management Society. 2015—2018
- Reviewer for the Production & Operations Management Journal, the Decision Sciences Journal, Decision Sciences Journal of Innovation Education, Omega and the DSI and AMCIS Conferences. 2014—Present
- Session Chair at the DSI, POMS and INFORMS Annual Conferences

## AWARDS

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- 2019 Grant from Weber State University's Center for Leadership in Corporate Social Responsibility (\$2,000)
- 2016 Summer Competitive Research Grant from the University of Illinois at Springfield (\$5,000)
- 2015 Decision Sciences Journal of Innovative Education Outstanding Teaching Brief
- 2013 Daniels Fund Ethics Initiative Award (Bronze)
- 2013 David Eccles School of Business Doctoral Student Teaching Excellence Award
- 2012-2013 University of Utah Graduate Research Fellow
- 2012 Best Paper Competition Finalist; INFORMS Section for Public Programs, Services and Needs
- 2011 Dissertation Proposal Award Competition Finalist; POMS College of Sustainable Operations

## SOFTWARE

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- Mathematica (Created "VisualAnova", a statistical demonstration project, for the Wolfram website: <http://demonstrations.wolfram.com/VisualANOVA/>).
- SAP ERP instructor, ERPSim® Level 1 Certification.
- Log-Hub supply chain apps
- Web development using PHP & MySQL (Created "The Freeway Game", <http://www.thefreewaygame.com> )
- Python, Knime
- MS Excel, MS Access, MS Project

## PREVIOUS INDUSTRY EMPLOYMENT

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- Managing Director IOSIS Informatique (Paris, France). \$6 M (2007 turnover), 25 associates, the IT subsidiary of Egis Buildings (<http://www.egis-group.com/>), ISO 9001. 2004—2008
- R&D Project Manager Derbi (Paris, France). Project coordinator of applied research projects funded by the European Union and the French government (OSMOS, e-COGNOS, SignéBTP and Intelcities projects). 2001—2004
- Head of subdivision, City of Nouméa (Capital of New Caledonia). Annual budget: \$10 M, 35 staff members. 1997—2001

## CITIZENSHIP AND VISA STATUS

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Citizen of France and Permanent Resident of the United States of America.