

FRANÇOIS C. CARRIER

4716 W 2050 N Plain City UT 84404

f.giraudcarrier@gmail.com • (217) 553-1892 • www.giraud-carrier.com

[LinkedIn Profile](#) • [Google Scholar Profile](#)

ACADEMIC APPOINTMENTS

Associate Professor of Supply Chain Management & MBA Program Director Goddard School of Business & Economics, Weber State University	2022—Present
Assistant Professor of Supply Chain Management, Department of Supply Chain & MIS, Goddard School of Business & Economics, Weber State University	2018—2022
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

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, Polytechnic Institute of Paris, France	1994

CURRENT RESEARCH INTERESTS

Sustainable operations; Supply chain management; Scholarship of teaching and learning.

SELECTED PUBLICATIONS

1. **Giraud-Carrier, F. C.**, Fawcett, S. E. & Fawcett, A. M. (2021). SPARRING: A Deliberate Practice Pedagogy for Business Education. *Decision Sciences Journal of Innovative Education*, 19(4), 229-240.
2. Anand, K. S., & **Giraud-Carrier, F. C.** (2020). Pollution Regulation of Competitive Markets. *Management Science*. 66(9) 4193–4206.
3. Fawcett, S. E., **Giraud-Carrier, F. C.**, & Fawcett, A. M. (2020). Using Deliberate Practice to Transform Learning Culture: Helping Students Put Real Skills in their OSCM Toolbox. *Decision Sciences Journal of Innovative Education*, 18(2), 172-202.
4. 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.
5. **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

1. “Fairness in pollution regulation: The ‘polluter-pays’ principle under cap-and-trade” with K. S. Anand. (Under preparation for submission to *Management Science*)
2. “How does supplier integration improve firm performance? Insights from a meta-analytic structural equation modeling study” with C. Rigsbee and H. Qahri-Saremi. (Under review at the *Journal of Purchasing and Supply Management*)
3. “Diffusion of abatement innovations under pollution regulations” with K. S. Anand.
4. “Optimal pollution control within a supply chain” with K. S. Anand.

CONFERENCE PROCEEDINGS

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 47th 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

1. “Market Mechanisms for Pollution Control: A Comparative Study of Cap-and-Trade, Cap and Emission Taxes”, POMS annual meeting, Reno, NV, May 2011.
2. “Pollution and Production”, INFORMS annual meeting, Charlotte, NC, November 2011.
3. “Pollution and Production”, 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”, INFORMS annual meeting, Phoenix, AZ, October 2012.
6. “Pollution Regulation and Production”, INFORMS annual meeting, Phoenix, AZ, October 2012.
7. “Does Cap-and-Trade enable Collision?”, 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”, POMS annual meeting, Atlanta, GA, May 2014.
10. “Incentives to Invest in Pollution Abatement Innovations under Cap, Cap-and-Trade and Tax”, POMS annual meeting, Atlanta, GA, May 2014.
11. “Does Cap-and-Trade enable Collusion?”, POMS annual meeting, Atlanta, GA, May 2014.
12. “The Freeway Game”, 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”, 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", 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", POMS annual meeting, Seattle, WA, May 2017.
 21. "Pollution Regulation and Market Structure", MSOM Conference, Chapel Hill, NC, June 2017.
 22. "Pollution Regulation: An Operations Perspective", INFORMS annual meeting, Houston, TX, October 2017.
 23. "Moderated Mediation in the Effects of Supplier Integration on Firm Performance: A Meta-Analytic Study", DSI annual meeting, Washington DC, November 2017.
 24. "Pollution Regulation and Fairness", Invited talk, Utah Winter Operations Conference, Salt Lake City, UT, February 2018.
 25. "Pollution Regulation under Imperfect Competition", MSOM Sustainability SIG, UT Dallas, TX, July 2018.
 26. "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.
 27. "Supplier Integration and Firm Performance: A Meta-Analytic SEM Study", POMS annual meeting, Washington DC, May 2019.
 28. "Driving Home the Concept of Externalities: The Freeway Game", DSI annual meeting, New Orleans, LA, November 2019.
 29. "Fairness in Pollution Regulation: The 'Polluter-Pays' Principle under Cap-and-Trade", DSI annual meeting, New Orleans, LA, November 2019.
 30. "SPARRING: From Knowledge Transfer to Competency Building", DSI annual meeting, New Orleans, LA, November 2019.
 31. "Active Learning Exercises for Operations and Supply Chain Management Through Exploration of the COVID-19 Pandemic", DSI annual meeting, San Francisco, CA, November 2020.
 32. "How to incorporate Deliberate Practice in Course and Curriculum Design", Professional Development Workshop, DSI annual meeting, San Francisco, CA, November 2020.
 33. "How to incorporate Deliberate Practice in Course and Curriculum Design", Professional Development Workshop, POMS annual meeting, Online, May 2021.
 34. "How to incorporate Deliberate Practice in Course and Curriculum Design", Professional Development Workshop, DSI annual meeting, Online, November 2021.
 35. "Coal to Carbon Fiber Current Viability", CrossTalk Conference, Utah Advanced Materials and Manufacturing Initiative, Price, UT, September 2022.
 36. "Pedagogical Research with a Focus on OSCM", Professional Development Workshop, DSI annual meeting, Houston, TX, November 2022.
 37. "Fairness in Pollution Regulation: The 'Polluter-Pays' Principle under Cap-and-Trade", POMS annual meeting, Orlando, FL, May 2023.
 38. "SPARRING: Deliberate Practice in the POM Classroom", POMS annual meeting, Orlando, FL, May 2023.
 39. "Fairness in Pollution Regulation: The 'Polluter-Pays' Principle under Cap-and-Trade", INFORMS annual meeting, Phoenix, AZ, October 2023.
-

GRANTS

Coal-to-Carbon Fiber (2021—2022) \$90,000

- Explore economic feasibility of the US coal-to-carbon-fiber supply chain. Technical report available at <http://dx.doi.org/10.2139/ssrn.4233459>

SCM Returnship (return-to-work) Programs for [Red Barn Academy](#) Residents (2021—Present) \$236,957

- Principal investigator, Curriculum designer, and Instructor.

TEACHING

Teaching interests: Operations/Supply Chain Management, Management Science, Business Analytics.

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

Courses taught at Weber State University.

- MBA 6150: Operations/Supply Chain Management | [face-to-face & virtual hybrid]
- MBA 6580: Project Management | [hybrid]
- SCM 3050: Operations & Supply Chain Management | [face-to-face & virtual hybrid]
- SCM 4550: Strategic Supply Chain Design | [face-to-face]
- SCM 4840: Operations & Supply Chain Industry Projects | [face-to-face]

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

- BUS 322: Principles of Operations Management | [face-to-face, online & hybrid]
- BUS 530: Supply Chain & Logistics Management | [face-to-face]
- MIS 385: Data & Information Management | [hybrid]
- MIS 352: Principles of Management Information Systems | [face-to-face]
- MIS 323: Social Health Care Informatics | [hybrid]
- MIS 513: Management Information Systems | [face-to-face]

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

- OIS 3660: Operations Management | [face-to-face]

CURRICULUM DEVELOPMENT

New degree program developed at Weber State University

- Moyes Center SCM Undergraduate Certificates for working professionals | [first certificates granted in fall 2020]

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 | [approved in Fall 2016]

SERVICE

Service to the University

- Graduate Council (member) 2022—Present
- Weber State University / Hill Air Force Base Collaborative (member) 2023—Present
- Environmental Initiatives Committee (member) 2023—Present
- Hiring Committee for Two WSU Online Instructional Designers (member) Fall 2023
- Session moderator at 2023 Intermountain Sustainability Summit Spring 2023
- Teaching & Learning, WSU Faculty Senate Committee (chair) 2021—2022
- Facilitator at Spring 2021 TLF Symposium Spring 2021
- Search committee for Director of Teaching and Learning Forum Spring 2021
- COVID-19 testing volunteer Spring 2021
- Panelist at New Faculty Retreat Fall 2020
- Teaching, Learning & Assessment, WSU Faculty Senate Committee (member) 2019—2021
- UIS Academic Integrity Council (chair) 2016—2018
- UIS Academic Integrity Council (member) 2014—2016

Service to the Goddard School of Business

- MBA Program Director 2022—Present
- Coordinator of Red Barn Programs 2021—2025
- College Curriculum Committee (member) 2023—Present
- College AoL Committee (member) 2023—Present
- Strategic Initiatives Office (member) 2022—2023
- AoL assessment point coordinator for “effective communicator” learning outcome 2019—Present
- Judge for COVID-19 pandemic essay competition Summer 2020
- Strategic Planning Committee (member) 2018—2019
- Internationalization Committee (member) 2018—2019

Service to the Department

- Co-author of SCM accreditation report for Norwest Commission on Colleges and University Fall 2022
- Departmental tenure & promotion review team (4 reviews) 2022—2024
- Course coordinator for SCM 3050 2019—Present
- Learning assessment coordinator 2021—Present
- Strategic plan report updates 2020, 2021
- Faculty advisor for the SCM student club 2020—2021
- Department executive committee (member)
- Five faculty search committees (co-chair and member)

Service to the OSCM community

- Member of the Editorial Review Board of the Decision Sciences Journal of Innovative Education (attend editorial meetings and conduct about 4 reviews / year) 2021—Present
- Reviewer for Management Science, the Production & Operations Management journal, the Decision Sciences Journal, the Decision Sciences Journal of Innovation Education, Omega and the DSI and AMCIS Conferences. 2014—Present
- Co-editor of the POMS Chronicle, the official newsletter of the Production and Operations Management Society. 2015—2018

AWARDS

- 2021 Teaching Innovation Award of the Council of Supply Chain Management Professionals
- 2020 Best Reviewer Award for the Decision Sciences Journal of Innovative Education
- 2020 DSI Instructional Innovation Finalist
- 2019-2020 Weber State University Faculty Sustainability Research Award (\$1,000)
- 2019 Grant from the Goddard School'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

PROFESSIONAL CERTIFICATIONS

- Certified Associate in Project Management from the Project Management Institute (since February 2020)
- SCPro Level One certificate of the Council of Supply Chain Management Professionals (since March 2021)

SOFTWARE

- Mathematica.
- SAP ERP instructor: ERPSim® Level 1 Certification.
- Log-Hub supply chain apps.
- Knime, Google Data Studio, Python
- Microsoft Excel, PowerPivot, Access, Project
- Web development using PHP & MySQL (Created "The Freeway Game", <http://www.thefreewaygame.com>)

PREVIOUS INDUSTRY EMPLOYMENT

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