2013-2014

DAVID O'BRIEN CENTRE FOR SUSTAINABLE ENTERPRISE

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A N N U A L R E P O R T



JOHN T MOLSON School of Business







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MESSAGE FROM THE DIRECTOR

This was our fifth year since founding the the David O'Brien Centre for Sustainable Enterprise (DOCSE). Many of our programs have now matured and institutionalized. This year saw the reorganization of the SIPC Program under John Molson Management Education Centre, and establishment of the CN Centre for Studies in Sustainable Supply Chain Management at JMSB. We are pleased to note external recognition of JMSB's sustainability efforts. Our MBA program was ranked second in the world in the 2013 Global Green MBA Survey conducted by Corporate Knights magazine.

Our efforts are reaching international audiences. Last summer, JMSB co-convened the first-ever Canada Regional Meeting of the UN Principles for Responsible Management Education (UN-PRME). This Fall we are co-organizing the UN Principles for Responsible Investment (UN-PRI) Academic Network Conference Sept. 22-24, 2014. In addition we made forays into new areas of research in sustainable built environment and real estate, and sustainable design by cultivating relationships with companies in these industries and hope to launch research projects in coming years. We also presented research at the European Group on Organization Studies (EGOS) Annual Meeting in Montreal, and the Academy of Management Annual Meeting in Orlando.

Our research on art and sustainable enterprise documented cases of art led cultural and economic development in Canada, Japan, India and China. It also led to a project on sustainably enlivening building spaces. An example was our Stairwell Art Gallery launched last February. It is designed to encourage JMSB occupants to adopt the healthy practice of using stairs instead of taking the elevator, and providing an art-filled environment to encourage creative thinking.

Our Distinguished Speakers and Visiting Sustainability Scholar Series maintained a healthy flow of new ideas and provocative discussions on sustainability at JMSB. Publications by our research associates and collaborators have continued to be successful in international journals.

These activities were made possible through the close and supportive collaboration of faculty, students and staff of JMSB, and Concordia University, as well as our business partners. We are grateful for their support. We offer a brief glimpse of the past year in this report, and look forward to welcoming you to our events in the coming year.

Paul Shrivastava Director

DEAN'S MESSAGE

Welcome to the 2013-2014 David O'Brien Centre for Sustainable Enterprise (DOCSE) annual report.

The Centre was established through a generous donation by former Concordia University Chancellor, David O'Brien to help ensure that the John Molson School of Business (JMSB) set the standard for a business education that has a positive impact on the world. Thanks to his vision, and that of the Centre's director, Paul Shrivastava, DOCSE has helped elevate our programs and the JMSB to benchmark status for others around the world on matters of sustainability in business education.

DOCSE continues to contribute to JMSB's rising research profile. This year, we saw the first collaboration between DOCSE and our newest research centre, the CN Centre for Studies in Sustainable Supply Chain Management. The event that was co-organized by these two centres was a wonderful example of how researchers can work together to help transfer knowledge to our students and to the business community.

I trust that you will enjoy reading about the many activities of the David O'Brien Centre for Sustainable Enterprise described in this report.

Steve Harvey Dean



ADVISORY BOARD

The Advisory Board guides and makes policies for DOCSE and its programs. The board meets twice a year to approve major activities for the upcoming period. The members are:



Harjeet Bhabra, Professor and Associate Dean, Research and Research Programs, John Molson School of Business, Concordia University



Anne-Marie Croteau, PhD, CDir, Professor and Associate Dean of External Relations and Business Development, John Molson School of Business, Concordia University



Marguerite Mendell, Professor and Vice-Principal of the School of Community and Public Affairs Graduate Program Director and Director, Karl Polanyi Institute, Concordia University



Peter O'Brien, *Advisor, Director-in-Residence*, John Molson School of Business, Concordia University



Paul Shrivastava, David O'Brien Distinguished Professor, Director of David O'Brien Centre for Sustainable Enterprise, John Molson School of Business, Concordia University



Graham Carr, VP Research and Graduate Studies, Concordia University



Steve Harvey, Dean, John Molson School of Business, Concordia University



Ron Nielsen, President, International Centre for Business Innovation & Sustainability (ICBIS) and Director, Partnership Development, Canadian Business Ethics Research Network (CBERN)



Guillaume Pain, *Doctoral Student*, John Molson School of Business, Concordia University

SCIENTIFIC COMMITTEE

The Scientific Committee sets academic research direction and selects proposals for funding for DOCSE. Scientific Committee members are:



Stephane Brutus, Associate Dean, Graduate Professional Programs, John Molson School of Business, Concordia University



Bianca Grohmann, Associate Professor, Research Chair Tier 2, Department of Marketing, John Molson School of Business, Concordia University



Stuart Hart, S.C. Johnson Chair and Professor, Cornell University



Michel Magnan, Professor, Lawrence Bloomberg Endowed Chair in Accountancy, Depatment of Accountancy, John Molson School of Business, Concordia University



Theirry Pauchant, Professor and Chair of Ethics, HEC



Ahmet Satir, Professor, Department of Supply Chain and Business Technology Management, John Molson School of Business, Concordia University

FUNDED RESEARCH

BACKGROUND

DOCSE supports research, training and outreach initiatives that assist organizations in becoming more sustainable. The Centre assists organizations in understanding and developing integrated sustainability strategies.

NEW PROJECTS

MODELING THE DIFFUSION AND IMPACT OF INDUSTRIAL SYMBIOSIS

Dr. Raymond Paquin, Associate Professor, Department of Management, John Molson School of Business, Concordia University

Dr. Ketra Schmitt , Associate Professor, Centre for Engineering in Society, ENCS, Concordia University

Industrial symbiosis is when firms collaboratively engage in reprocessing and reintegrating production wastes from one firm into production inputs for another (Chertow, 2000). This project builds on recent empirical work exploring industrial symbiosis as an effective interfirm environmental strategy and the types of regional policies and programs which have attempted to support industrial symbiosis development more broadly. To do this we leverage recent empirical work and existing archival data on industrial symbiosis activity in the UK (previously collected by Prof. Paquin) to model the diffusion and impact of industrial symbiosis within economic regions.

WILL YOU BE PHYSICALLY ACTIVE? MARKETING A HEALTHY LIFE-STYLE TO IMPROVE CONSUMER WELL-BEING

H. Onur Bodur, Associate Professor, Department of Marketing, John Molson School of Business, Concordia University

Bianca Grohmann, Associate Professor, Research Chair Tier 2, Department of Marketing, John Molson School of Business, Concordia University

Research shows that commitment-based interventions are among the most effective strategies to encourage sustainable behaviors—including healthy lifestyle choices and pro-environmental behaviors such as recycling—but methods to elicit commitments from a large number of individuals (i.e., door-to-door or phone campaigns) are often costly and unrealistic. Predictions requests—a commitment-type strategy— are an effective mass-communication strategy and have the potential to influence consumer behavior among large audiences. In earlier DOCSE funded research, authors demonstrate that prediction requests work in a consumer behavior context changing preferences for environmentally friendly products.

In the current research, the authors focus on the effectiveness of this commitmenttype marketing strategy on an important dimension of healthy and sustainable life-style: physical activity. Although working out regularly is one of the most common New Year's resolutions, it is also one of the most ephemeral ones. How can consumers remain committed to working out regularly, as part of a healthy, sustainable lifestyle? This research aims to introduce marketing interventions—in the form of cost-effective, mass-communicated messages—to help address this question.

The study presents a collaboration between multiple research centres (CMBBR, DOCSE, PERFORM) at Concordia University. The results of this study will contribute to the social marketing of healthier, sustainable consumer behaviors.

THE AUGMENTED BE MOVED BY ART PROJECT

DOCSE with Alkemie Atelier (Josée-Anne Drolet, Nikolaos Chandolias and Ian Arawjo)

DOCSE and Alkemie Atelier are collaborating in order to create a mobile augmented reality experience in the north stairwell of the MB building at Concordia University.

Alkemie Atelier is affiliated with the Topological Media Lab at Concordia University, whose research uses real-time video and sound, media design as well as physical computing (state of the art sensors and active textiles) as part of their technical apparatus for research creation, philosophical investigations and to create state of the art technologies of performance. This project is an extension of the "Be Moved by Art" project which, in 2014, led to the creation of an ambulatory art gallery in the stairwell, currently showing a photographic series by NY-based artist Lori Nix called 'The City'.

Drawing from Alkemie Atelier's research in mobile augmented reality and DOCSE's work in the enlivenment of work places, the goal of this project is to further people with the space by associating certain points of the stairwell's infrastructure as well as the art work itself with media such as video and sound. Media would be made accessible via an application for mobile devices, such as a phone or tablet computer. That is, as participants move through the space, they direct the camera of their mobile device at select elements in the stairwell and the device would reveal sounds and video "hidden" in the image and revealed with this application.

The intention is to experiment with the question: "If spaces could talk, what would they say?" using a multi-disciplinary approach that includes art appreciation, experiencebased art, exploration, learning, sustainability, and physical activity. The intention is to get participants to learn about sustainability from place, and ultimately seek to change behaviors to be more environment friendly. The challenge is to find the right balance between artistic and pedagogical intents and create an experience that is both engaging as well as educational.

SME ENERGY ACCESS IN GULU, UGANDA RESEARCH PROJECT

Tara Walker, MBA candidate, John Molson School of Business, Concordia University

Vinay Nawani, MBA candidate, John Molson School of Business, Concordia University

Advisors: Dr. Raymond Paquin, Associate Professor, Department of Management, John Molson School of Business, Concordia University

Dr. Satoshi Ikeda, Ph.D. Canada Research Chair Political Sociology of Global Futures (Tier 2) Department of Sociology and Anthropology, Faculty of Arts and Science, Concordia University

Associate Professor, Department of Sociology & Anthropology, Faculty of Arts & Sciences, Concordia University

Dr. Fariborz Haghighat, Ph.D., P.Eng Concordia Research Chair - Energy and Environment (Tier I) Professor, Department of Building, Civil & Environmental Engineering, Faculty of Engineering & Computer Science, Concordia University

Professor Peter Odoch, Chair of Economics Dept, Faculty of Education and Humanities, Gulu University

Professor Moses Godfrey Owot, Professor, Faculty of Business and Development Studies, Gulu University

Uganda's rural northern region is emerging from more than two decades of conflict that left its social, political, economic, educational and most critical infrastructure systems in disorder. Significant investments have been made into reconstructing the most fundamental systems, but the needs significantly outweigh the internal resources of the country. Irregularities in the energy supply significantly impact businesses that are energy-reliant by driving up the costs of operating a business and reducing earning potential. Business owners must compensate by using alternative energy sources such as fossil fuel powered generators, and less frequently, batteries and photo voltaic solar systems. Prior studies have shown that the cost of energy amounts to approximately 50% of revenues for micro-enterprises in rural Uganda.

This project involved field research with a target group of 170 businesses located in Gulu that was carried out by two JMSB graduate students from January to April 2014. The surveys were conducted to create a profile of the energy use and costs of small to medium businesses (SMEs) in Gulu and to determine if there is a significant impact on business development and on the local economy due to electrical supply outages (shocks). While it is clear from the outset that periodic energy supply shocks (outages) have consequences for the economy of Gulu –both economic and non-economic– this study seeks to determine the severity and look more closely at the costs –both macroeconomic and microeconomic.

In addition, this study aims to contribute reliable data on the real costs of unreliable energy systems in the developing world and to substantiate further analysis of how to best manage businesses in these kinds of environments with special attention paid to investing into alternative energy sources such as renewable systems which could contribute to greater business continuity, cost savings and pricing equilibrium.

OTHER FUNDING

John Molson School of Business Distinguished Emerging Scholar Research Fund Awarded to Paquin, R.L May 2014 (\$5,000)

Experiential Sustainability Orientation for MBAs Shrivastava, P. & Paquin, R.L. Concordia Curriculum Innovation Fund, Awarded April 2014 (\$3,519)

Industrial Symbiosis as a Means of Low Carbon Economic Development Paquin, R. L. Concordia Undergraduate Research Award Supervisor, Summer 2014 (\$5,625)

Developing a Financially Viable Campus Sustainability Organization Paquin, R. L. Concordia Undergraduate Research Award Supervisor, Summer 2013 (\$5,625)

MITACS-FQRNT Research Grant – In-Place Media Augmented Reality Project January 2014. Shrivastava, P. (\$15,000)

Caisse de Depot Research Grant – Implementing UN-PRI Principles February 2014. Shrivastava, P. and A. Addas (\$75,000)

CONTINUING PROJECTS

Commute Mode And Work Performance: The Impact Of Commute Mode On Employees' Mood, Stress And Work Performance

Stéphane Brutus, Associate Dean, Graduate Professional Programs, John Molson School of Business, Concordia University Roshan Javadian, MSc Candidate, John Molson School of Business, Concordia University

Corporate Sustainability as a Factor in Asset Pricing Models

Thomas Walker, Associate Professor, Laurentian Bank Professor in Integrated Risk Management and Chair of the Department of Finance, John Molson School of Business, Concordia University Kerstin Lopatta, Professor, Economics and Law, University of Oldenburg

Thomas Kaspereit, PhD Candidate, Economics and Law, University of Oldenburg

The Interaction of Corporate Social Responsibility and Cost of Capital: A Comprehensive Approach

Thomas Walker, Associate Professor, Laurentian Bank Professor in Integrated Risk Management and Chair of the Department of Finance, John Molson School of Business, Concordia University Kuntara Pukthuanthong, Associate Professor, Department of Finance, San Diego State University Thomas Kaspereit, PhD Candidate, Department of Economics and Law, University of Oldenburg Arash Amoozegar, MSc Candidate, Department of Finance, John Molson School of Business, Concordia University

Is CSR for Sale? Investigating the Effects of Acquisition of Socially Responsible Brands on CSR Perceptions

H. Onur Bodur, Associate Professor, Department of Marketing, John Molson School of Business, Concordia University Bianca Grohmann, Associate Professor, Research Chair Tier 2, Department of Marketing, John Molson School of Business, Concordia University

Is Social Venture Capital Different? Effects on Fund and Post-IPO Performance

Frederick Davis, Assistant Professor, Department of Finance, John Molson School of Business, Concordia University

Ravi Mateti, Assistant Professor, Department of Finance, John Molson School of Business, Concordia University

Gordon Murray, Full Professor, School of Business and Economics, The University of Exeter

SUSTAINABILITY RELATED PUBLICATIONS AND PRESENTATIONS

BOOKS

Muff, K., Dyllick, T., Drewell, M., North, J., Shrivastava, P., & Haertle, J. (2013). *Management Education For The World: A Vision for Business Schools Serving People and Planet.* Cheltenham, UK: Edward Elgar Publishers.

PAPERS

Bodur, H. Onur, Kimberly Duval, and Bianca Grohmann "Will You Purchase Environmentally-Friendly Products? Using Prediction Requests to Increase Choice of Sustainable Products," *Journal of Business Ethics*, forthcoming, 2014.

Bodur, H. Onur, Kimberly Duval, and Bianca Grohmann "How Social Normative Influences in Advertising Can Help Increase Sustainable Consumption" AMA 2014 Marketing & Public Policy Conference, Boston: American Marketing Association, 2014.

Comas, J., P. Shrivastava, and E. Martin, "Terrorism as Organization, Network and Social Movement". Journal of Management Inquiry, accepted May 2014.

Ivanaj, V., K. Poldner, and P. Shrivastava, "HAND / HEART / HEAD Aesthetic Practice Pedagogy for Deep Sustainability Learning", *Journal of Corporate Citizenship*, accepted, forthcoming, 2014.

Paquin. R.L., Tilleman, S. G., & Howard-Grenville, J. 2014. Is there cash in that trash? Factors Influencing Industrial Symbiosis Project Initiation and Completion. *Journal of Industrial Ecology*, 18(2): 268-279.

Paquin, R.L. and Howard-Grenville, J. 2013. Blind Dates and Arranged Marriages: Longitudinal Processes of Network Orchestration. *Organization Studies*, 34(11) 1623-1653.

Poldner, K., and P. Shrivastava, "Embodied Multidiscursivity: A performative process approach to (sustainable) entrepreneuring", Business and Society, accepted, forthcoming, 2014.

Shrivastava, P. and Addas, A, "The Impact of Corporate Governance on Sustainability Performance. *Journal of Sustainable Finance & Investment*, 1-17.

Shrivastava, Paul and Sybil Persson, "A Theory of Strategy – Learning from China from Walking to Sailing", *Management Review*, Spring, 2014, 17(1), 38-61. http://www.management-aims.com/PapersMgmt/171Shrivastava.pdf

Shrivastava, P. "Foreword" for Corporate Sustainability in International Comparison – State of Practice, *Opportunities and Challenges*, (Eds S. Shaltegger, S. E. Windolph, D. Harms, and J. Horisch), Springer International Publishing, 2014.

Shrivastava, P. "Sustainability and Violence Against Women", *In Proceedings of the SusCon 2013 Conference*, IIM Shillong.

Walker, Thomas, Lopatta, Kerstin, and Thomas Kaspereit, "Corporate Sustainability in Asset Pricing Models and Mutual Fund Performance Measurement", Forthcoming, *Financial Markets and Portfolio Management*, Summer, 2014.



REFEREED PRESENATIONS

Tilleman, S.G., Paquin, R.L., & Howard-Grenville, J. 2014. The influence of institutional logics on firm gains from industrial symbiosis. GRONEN (Group of Research on Organizations and the Natural Environment) Research Conference. Helsinki, Finland.

Paquin. R.L., Beaulieu, J. & Schmitt, K. 2014. D'une pierre trois coups : la symbiose industrielle pour créer des bénéfices environnementaux, sociaux et économiques. Congres de L'Association francophone pour le savoir. Montréal, Canada.

Paquin, R.L. & Lamertz, K. 2013. Exploring network-based shared organizational identity perceptions. Academy of Management Conference. Orlando, USA.

Tilleman, S. G., Paquin, R.L., & Howard-Grenville, J. 2013. Something from nothing: A resource-based view of industrial symbiosis as an interfirm environmental strategy. Western Academy of Management. Santa Fe, USA.

INVITED PRESENATIONS

Tragedy of the Commons: an interdisciplinary parable for our times? *Teaching* & 2014 *Learning Winter Festival*. Concordia University, Montréal, Canada.

Interdisciplinary Perspectives on Ethics in Curriculum. *Teaching & Learning Winter* 2014 *Festival*. Concordia University, Montréal, Canada.

Creating Economic and Environmental Value through Industrial Symbiosis. 2013 University of Montana, USA.

Managing and Sustaining Networks. *Network Leadership Symposium*. Royal Roads 2013 University, Victoria, Canada.

De l'argent pour vos déchets? Explorer le potentiel de symbiose industrielle pour 2013 créer de la valeur économique et environnementale. HEC. Montréal, Canada.

MEDIA MENTIONS

Items from DOCSE website "News" section.

May 2014: Le Devoir À la recherche de l'argent perdu

Source: ledevoir.com/economie/actualites-economiques/409731/a-la-recherche-de-l-argent-perdu

May 2014: Concordia.ca/now Concordia celebrates faculty's commitment to classroom innovation

Source: concordia.ca/cunews/main/stories/2014/05/14/ concordia-celebratesfacultyscommitmenttoclassroominnovation.html

October 2014: Concordia.ca/now The beginning of a beautiful business-training friendship

Source: concordia.ca/news/stories.html?search=&year=2013&month=10&cat= concordia-news-categories:teaching

January 2014: Concordia.ca/now How Concordia's business school became an art gallery

Source: concordia.ca/jmsb/research/centres/david-obrien/cunews/main/ stories/2014/01/29/how-concordia-s-businessschoolbecameanartgallery.html

January 2014: Concordia.ca/now JMSB celebrates 'extraordinarily talented' staff and faculty

Source: concordia.ca/cunews/main/stories/2014/01/07/ jmsb-celebrates-extraordinarilytalentedstaffandfaculty.html

For the latest media mentions please visit the News section on the DOCSE website: concordia.ca/jmsb/research/centres/david-obrien.html

RANKINGS

The John Molson MBA was ranked third in Canada in the ninth annual Knight Schools Survey published by Corporate Knights Magazine.

Modeled after The Aspen Institute's Beyond Grey Pinstripes Survey, the Knight Schools Survey evaluates how sustainability is integrated into the Canadian business education experience. Jeremy Runnalls, managing editor of Corporate Knights Magazine said JMSB's place in the standings is based on the fact that students can specialize in various categories, including corporate governance and business ethics; business sustainability and environmental management; and community development.

In addition, DOCSE, the MBA Community Service Initiative, and the John Molson Sustainable Business Group have internship and consulting programs that assist communities locally, nationally and internationally.

RESEARCH PROGRAMS

ART AND SUSTAINABLE ENTERPRISE

In collaboration with ICN Business School's ARTEM Program, DOCSE researchers are exploring the use of the arts and art-based methods for understanding sustainability issues. The project examines the dynamic relations between art, aesthetics and the sustainable development of organizations. Art influences the sustainability of companies through architecture, aesthetics of workspaces, design of products and services, graphic art in advertising, and art-based training methods.

Sustainable real estate and built <u>environ</u>ment

SUSTAINABLE FINANCE RESEARCH

Using Bloomberg and Trucost data, we analyze the environmental footprint and responsible investing approaches of global public companies and the implementation of UN-Principles of Responsible Investing. Concordia is a participant in Trucost's Premiere University Partnership Program. JMSB has established full access to their global environmental impacts database, in addition to various teaching tools.

SUSTAINABLE REAL ESTATE AND BUILT ENVIRONMENT

This new initiative of DOCSE will focus on research, events and curriculum development. It will produce, promote and disseminate original and relevant research in sustainable real estate and the built environment. Research projects will be interdisciplinary and will bring together academia and industry practitioners from the public and non-for-profit sectors. Events will include conferences, lectures and panel discussions. Curriculum development will integrate sustainable real estate and built environment education into the business school education. The program will feature a business advisory council of industry representatives who will guide and implement policies for its direction and research. Council members will meet at least twice per year and raise industry concerns to ensure that the program remains relevant. The program will address the green building revolution, which is expected to create millions of jobs over the next 20 years in areas as diverse as energy and risk management. Targeted research will enable a deep understanding of urbanization and its impact on global infrastructure demand.

DISTINGUISHED SPEAKER SERIES

MARCH 28, 2014

Olivier Boiral – Professor, Faculty of Business Administration at Université Laval (Canada)

Presentation: Sustainability Reporting and Impression Management: Deconstructing the Myth of Measurability

FEBRUARY 10, 2014

April Rinne – Chief Strategy Officer at Collaborative Lab

Presentation: Collaborative Consumption and the Sharing Economy: Opportunities for Cities, Organizations, and Well-Being

JANUARY, 2014

Dr. José Holguín-Veras – William H. Hart Chair Professor, Director of the Center for Infrastructure, Transportation, and the Environment (CITE), Rensselaer Polytechnic Institute

Presentation: Towards Sustainable Urban Freight Systems: The Good, the Bad, and the Ugly

NOVEMBER 11, 2013

Michael C. Jensen – Jesse Isidor Straus Professor of Business Administration, Emeritus, Harvard Business School, Co-Founder, Chairman and Integrity Officer, Social Science Electronic Publishing (SSRN)

Presentation: Putting Integrity into Finance: A Positive Approach (Presented by DOCSE and the Marcel Desautels Institute for Integrated Management)

NOVEMBER 8, 2013

Jennifer Howard-Grenville – Associate Professor of Management and 2013 Thomas C. Stewart Distinguished Professor at the University of Oregon's Lundquist College of Business

Presentation: The Emergence of Green Chemistry as an Occupational Change Project

SEPTEMBER 27, 2013

David Wasieleski – Associate Professor, Management & Business Ethics, Duquesne University, Pittsburgh

Presentation: The Evolution of Sustainability Ethics: The Interplay Between Ecologizing Values and Technology

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RESEARCH ASSOCIATES

DOCSE Research Associates are John Molson School of Business faculty members who have research interests in various fields of sustainability. Some of the research associates below have received funding from DOCSE for a portion of the research they are conducting.



AMR ADDAS, FINANCE

Research Interests: Analysis of performance, flows and tracking errors of SRI mutual funds, sustainable finance, venture capital investments



ZEYNEP ARSEL, MARKETING

Research Interests: Taste and social distinctions, social media, redistribution markets, upcycling, branding



CLARENCE BAYNE, SUPPLY CHAIN AND BUSINESS TECHNOLOGY MANAGEMENT

Research Interests: Community development, applied statistics for business and economics, business and economic forecasting, economics of sport and arts organizations



ONUR BODUR, MARKETING

Research Interests: Consumer decision making and its managerial and public policy implications, socially responsible consumption, CSR-brand relationship



STEPHANE BRUTUS, MANAGEMENT

Research Interests: Performance appraisal, feedback, appraisal formats, state-of-science

FRED DAVIS, FINANCE

Research Interests: Mergers and acquisitions, venture capital, sustainable enterprise, information asymmetry, corporate finance



BIANCA GROHMANN, MARKETING

Research Interests: Brand and product design, retail environments, measurement of consumer responses



YOUNG-CHUL JEONG, MANAGEMENT

Research Interests: Organization theory, professional service firms, corporate donations, cross-national corporate governance systems



LAWRENCE KRYZANOWSKI, FINANCE

Research Interests: Efficiency and regulation of global capital markets, fund raising, investment and portfolio management, market microstructure, pricing and risk management



RAYMOND PAQUIN, MANAGEMENT

Research Interests: Industrial symbiosis/industrial ecosystem development (ST), environmental and social partnerships (ST), alternative business models



RAAFAT SAADE, SUPPLY CHAIN AND BUSINESS TECHNOLOGY MANAGEMENT

Research Interests: Development of complex systems, knowledge engineering, management of information systems/technologies



PAUL SHRIVASTAVA, MANAGEMENT

Research Interests: Sustainable enterprise, corporate social responsibility, strategic management, art and sustainability, business and biodiversity



NAVNEET VIDYARTHI, SUPPLY CHAIN AND BUSINESS TECHNOLOGY MANAGEMENT

Research Interests: Strategic design and tactical planning in logistics and supply chain management, methodological interests in large-scale optimization, simulation-based optimization and meta-heuristics



THOMAS WALKER, FINANCE

Research Interests: Sustainable investments, corporate governance, executive compensation, securities litigation and regulation, catastrophe insurance, initial public offerings, insider trading, institutional ownership, venture capital



DOCTORAL & MASTERS STUDENT RESEARCHERS



CHERYL GLADU, MANAGEMENT, PHD PROGRAM

Cheryl Gladu received her degree in international business from Carleton University, and her MBA from Simon Fraser University. She is currently pursuing a full-time individualized program PhD at Concordia's John

Molson School of Business and the Department of Design and Computation Arts. She's also slowly chipping away at a part-time degree in painting and drawing at the same institution. Cheryl has created and delivered numerous presentations and workshops and has taught at both the John Molson School of Business and at the Desautels Faculty of Management (McGill University). She is currently studying the role and design of eco-feedback tools in the facilitation of pro-environmental behavior in the organizational setting. She is doing research with Paul Shrivastava on measuring the impact of art activism in the environmental movement.



TEJASWINEE JHUNJHUNWALA, MASTERS STUDENT

Tejaswinee Jhunjhunwala completed her BComm from McGill University and her MA in Economics for Transition from Schumacher College in the UK. Her research thesis focused on increasing ecological consciousness

through a holistic approach to living, working and learning in the transition towards a new economic paradigm. At DOCSE, she is currently working on a project with Paul Shrivastava that involves experimenting with illustrations and storytelling as a means to communicate sustainable economics to management students.





ANDREA KIM, MANAGEMENT, PHD PROGRAM

Andrea Kim completed her MSc in marketing and is currently a PhD student at John Molson School of Business in management. Her MSc research thesis focused on identifying factors that mitigate consumer

skepticism associated to corporate social responsibility activities. At DOCSE, she is currently working on a project that seeks to find more sustainable ways of consuming through investigating alternative business models. She also coordinates the external communication and social media activities for the Centre.

GUILLAUME PAIN, MANAGEMENT, PHD PROGRAM



Guillaume Pain has been working in the field of international sustainable development for the past 11 years as a trade facilitator and project management consultant. His MBA research focused on organizational learning (OL) theories and practices within overseas development

assistance institutions. His current research interests include organizational learning, knowledge management, sustainable development, institutionalism and stakeholder theory.

VISITING SCHOLARS PROGRAM

This program brings to Concordia University and JMSB sustainability researchers and scholars who wish to collaborate and share their research with university colleagues, students, and the wider community. It encourages collaborative work that stretches research in interdisciplinary and cross-national directions.

Scholar visits may last from 1 to 8 weeks and provide valuable face time to conduct joint research, writing projects and access the wider research resources of the Montreal region. Each sustainability scholar works closely with a JMSB Faculty sponsor who also serves as a collaborator and local guide for the visit. Sustainability scholars are expected to make presentations to faculty and students, and engage in research activities.

We also encourage already funded post-doctoral candidates to think of this program as an opportunity to work with sustainability researchers at Concordia University through longer than 8-week duration stays.

The program offers office space, desktop computer and research infrastructure, and is able to provide for travel grants and stipends to cover their travel and stay in Montreal.

DR. YONG LIU

Associate Professor, College of Management and Economics of Tianjin University, China

Dr. Yong Liu is a visiting scholar of Canada-China Scholar's Exchange Program (CCSEP). His research focused on identifying different influencing factors of Canada-China companies' low carbon behavior including low carbon production and management. Collaborating with Dr. Paul Shrivastava, he also conducts research on management aesthetics, and food safety management.

DAVID M. WASIELESKI, PH.D.

Associate Professor and Chair, Management Department, Duquesne University. Research Chair in Ethics and Innovation, ICN Business School, Nancy, France

For the academic year 2013-14, a formal collaboration began between Paul Shrivastava and David M. Wasieleski. The impetus, The Arts and Sustainability Project, led by Paul, involved a research agenda between DOCSE at Concordia University, Duquesne University, in Pittsburgh, and ICN School of Business in Nancy, France. In conjunction with his Research Chair in Ethics and Innovative Management at ICN, the work has focused on the generation of conceptual models—useful to scholars and practitioners alike—for motivating long-term sustainability through



ethical innovation. The work strives to get firms to achieve a duality of sustainable business and innovative management. Part of the motivation for this collaboration is to broaden the perspective of research in social responsibility and sustainability to include a consideration of natural science research and work done in the humanities. In an effort to create a new paradigm of behavioral research in organizations, this is an important step of bridging two seemingly separate categories of research.

As Visiting Research Professor, David Wasieleski's work at DOCSE has resulted in the completion of two academic articles, as well as the development of a book proposal.

STAFF



DAVID LANK, PROGRAM COORDINATOR AND MARKETING

Dave Lank is a full-time employee at DOCSE. He handles the marketing for the Sustainable Investment Professional Certification program and coordinates various sustainability initiatives. Dave also taught business classes part-time at Concordia's School of Extended Learning and adult

entrepreneurship classes for the English Montreal School Board. Dave returned to his hometown of Montreal after many years in Vancouver where he worked as a marketing and branding specialist for major advertising agencies. Dave earned his MBA from Saint-Mary's University in Halifax.



ALEXANDRA-TESS BONAREK, DIGITAL MEDIA/MARKETING ASSISTANT

Alexandra-Tess is responsible for the online content development and design material on a part-time basis. She assists the team in publishing posts for the

Centre's webpage and main marketing media channels. She is simultaneously completing her Bachelor's Degree in International Business and Marketing Studies at the JMSB.



MATTHEW HALEY, MEDIA PRODUCTION

Matthew Haley recently graduated from Concordia University with a Bachelor's Degree in Human Environment and Film Studies. He is a parttime employee at the Centre and has been responsible for the creation and of a variative of austainability the mod video c and projects.

realization of a variety of sustainability-themed videos and projects.



SUSTAINABLE INVESTMENT PROFESSIONAL CERTIFICATION (SIPC)

The Sustainable Investment Professional Certification (SIPC) is the only online international sustainable investing certification offered by a university business school geared specifically to train finance and corporate professionals. It was developed over two years ago to meet the demand of financial and corporate professionals to gain the skills and knowledge in the rapidly growing sector of sustainable investing and business sustainability.

Over 120 students have entered the program and the list of SIPC alumni grows each year.

The SIPC is attracting finance professionals as well as participants from the corporate world in non-finance roles but with an interest in sustainable business.

ENDORSEMENTS

Third-party associations like the CFA (Chartered Financial Analyst) Institute, IQPF (Quebec Institute of Financial Planners) and the SIO (Social Investment Organization) are seeing value in associating themselves with the SIPC brand and endorsing or accrediting the program.

WEBINARS

SIPC's free, live webinars showcase leading scholars and professionals in the field. Participants share their thoughts with these experts as they address the latest issues and trends in business sustainability and sustainable investing. SIPC Webinar attendance has grown exponentially and higher profile presenters are confirming participation.

This year's roster of webinar presenters included:

- Amr Addas (Adjunct Professor of Finance, JMSB) and Cary Krosinsky (Executive Officer of the Network for Sustainable Financial Markets) on 'Sustainable Investing and Education'
- Dr. Matthew J. Kiernan (Founder and Chief Executive of Inflection Point Capital Management) on 'Strategically Aware Consulting'
- The Green Sukuk Working Group (Gulf Bond & Sukuk Council, Climate Bonds Initiative, Clean Energy Business Council MENA) on 'Why, what, how - Financing renewable energy in the Islamic World'. Presenters: Michael Grifferty, President, Gulf Bond & Sukuk Association, Jeremy Crane, COO, Adenium Energy Capital, Paul Guire, Managing Director, ICAP Deutschland, Sean Kidney, CEO, Climate Bonds Initiative

FOR MORE INFORMATION ON THE SIPC:

in linkedin.com/groups/Sustainable-Investment-Professional-Certification-3979370 ifd-fsi.org/sipc sipc@jmsb.concordia.ca

514-848-2424 ext. 3963

CORPORATE ROUNDTABLE

Corporations have some of the greatest ability to affect change and have an impact on creating a sustainable world community. To that end, DOCSE invites corporate leaders as well as more entrepreneurial business executives into dialogues about major environmental and social issues.

This allows us to learn about the steps being taken at different levels and to discern where major gaps exist. Moreover, this process provides an opportunity for green leaders to share their success and for companies to learn from their peers.

MOVING TOWARDS A SUSTAINABLE FOOD SYSTEM IN MONTREAL APRIL, 2014

This roundtable showcased experts (a farm-to-fork tech start-up, a professional chef, an organic farmer and the CEO for a food security organization) in this field discussing their roles and views on this theme.

FUTURE EARTH PROJECT MARCH, 2014

Future Earth is a new 10-year international research initiative that will develop the knowledge for responding effectively to the risks and opportunities of global environmental change and for supporting transformation towards global sustainability in the coming decades. Future Earth will mobilize thousands of scientists while strengthening partnerships with policy-makers and other stakeholders to provide sustainability options and solutions in the wake of Rio+20.

Chief Scientist of Quebec, Rémi Quirion, provided a brief introduction to the "Future Earth" project. This summer, Montreal was chosen as one of the cities to house the project.

In addition, two local and social entrepreneurs Julian Giacomelli (Crudessence) and Michelle Holliday (Cambium Consulting) spoke in response to Rémi's presentation and how they felt it might influence businesses and entrepreneurs in Montreal.

Example of companies who attend roundtables:

- IBM
- Fast International
- Birks and Mayors
- Deloitte
- Crudessence
- Quebecor
- Bombardier

- McConnell Foundation
- Canada Lands Corporation
- Quo Vadis Development
- Ivanhoe Cambridge
- Ville de Montreal
- United Nations

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SOCIAL MEDIA

DOCSE FACEBOOK

DOCSE engages fans with timely information on sustainability-related activities and events happening at the Centre and around the Concordia community.

f facebook.com/docse

DOCSE TWITTER

DOCSE shares up-to-date sustainability news and events related to the Centre, sustainability groups at Concordia University and other universities in Montreal (McGill and HEC). The Centre also regularly tweets about various sustainability and environmental initiatives happening around the world.



DOCSE NEWSLETTER

The DOCSE newsletter serves as a platform to keep the Centre's immediate and extended community informed about the latest projects and upcoming events. Each quarter's newsletter is based on a sustainability theme. Contributors to the newsletter consist of prominent business leaders and academics from around the world. Previous themes have included sustainable real estate, sustainability and the arts, sustainable food systems, and social enterprises.

To join the newsletter mailing list, please email: sustainable@jmsb.concordia.ca

SUSTAINABILITY RELATED CURRICULUM

MBA COURSES

MBA 625

Managing Strategic Action (Strategy and Social Responsibility in Action)

MANA 6950, GDBA 595A (Graduate Diploma) Corporate Governance Janis Riven, Adjunct Professor Department of Management

MANA 695U Sustainable Business Strategy Raymond Paquin, Associate Professor Department of Management

MBA 691, GDBA 508 (Graduate Program) Business Ethics Department of Management

ADMI 831Z (PhD Program) Social Responsibility and Public Policy Topics in Marketing H. Onur Bodur, Associate Professor Department of Marketing

UNDERGRADUATE COURSES

MANA 374 Sustainable Management Paul Shrivastava, DOCSE

MANA 369 Business and Sustainability Raymond Paquin, Associate Professor Department of Management

FINA 455 Sustainable Investing Amr Addas, Finance Department (Winter, 2015)

MARK 672Y Social Responsibility and Public Policy in Marketing H. Onur Bodur, Associate Professor Department of Marketing The following courses incorporate ethical, ecological, art, social, and political aspects. All these "marketing" courses have adopted an innovative approach and "breaking grounds" in view of not-forprofit or organizations other than just "for profit".

UNDERGRADUATE PROGRAM

MARK 451 Service Marketing Mr. Philippe Colas (LTA) Department of Marketing

Mark 485 Business-to-Business Brent Pearce (LTA) Department of Marketing

MBA PROGRAM

Mark 695R Relationship Marketing Dr. Michele Paulin, Department of Marketing & RBC Professorship in Strategic Relationship Marketing

Mark 695W Business-to-Business Dr. Michele Paulin, Department of Marketing & RBC Professorship in Strategic Relationship Marketing

Note: also a doctoral course on sustainability, 931Z.

JMSB SUSTAINABLE INTERNSHIP PROGRAM

Apart from developing sustainability knowledge in the classroom, DOCSE, together with the John Molson Career Management Services (CMS), offer students a chance to gain valuable, hands-on experience working in a company on sustainability-related challenges.

Students gain experience in corporate social responsibility, ethics, green marketing, social economy, environmental practices, responsible business practices, consulting, business development, and social entrepreneurship. Exposure and involvement are the keys to awareness and development. The SIP is a win-win scenario for both interns and internship hosts. Interns have gained valuable hands-on experience, built their business skills, and evolved through exposure to sustainable best business practices. A solid understanding, building of skills, and acquired knowledge around sustainability is paramount for our JMSB students, in a world that is in need of young global thinkers who are socially and environmentally responsible.

"Food Secure Canada is very appreciative of the Sustainable Business Research Internship program. Our interest in working with this particular intern was because of her impressive multilingual skills, though we knew she was relatively new to the world of food systems and in particular to the challenges facing new farmers. We have benefited enormously from the fact that she was so responsive to and respectful of direction and rapidly acquired a sufficient knowledge base to be able to identify and effectively follow promising leads for suitable new farmer programs and policy models in Europe. This piece of research will allow us to take one of our top priorities to the next level and will hopefully assist us in developing new programs that encourage the next generation of farmers in Canada, based on good ideas in other countries."

> – Diana Bronson, SIP Host-2013 Executive Director, Food Secure Canada



THE DELOITTE PARTNERS SUSTAINABLE INTERNSHIP PROGRAM

The Deloitte Partners Sustainable Internship rewards eight full-time undergraduate students, currently enrolled at the John Molson School of Business with an award of \$2,312.50 for a four month internship. This has been another great year of successful and inspiring internships. The Deloitte Partners Sustainable Internship Program has seen eight new companies join the SIP: Humane Society International, Crudessence, Sustainable Concordia, Quo Vadis, Food Secure Canada, Office of the Vice-President, Development and External Relations, and Secretary-General, Concordia University, NDG Food Depot, and Deloitte.

"The opportunity of doing an internship at Deloitte in sustainability was a great experience. Not only did I learn a lot about sustainability, but it also gave me the opportunity to know more about what a job in consulting entails. I really felt part of energetic team and worked with other team members on interesting and diverse projects. The conditions were ideal and were very flexible with my schedule. Since I did not have the chance to learn a lot about sustainable best practices, during my Bachelor of Commerce, this internship was an eye-opener on multiple levels including what I will think about and work towards in my future career."

> – Laurence Charron Intern, Deloitte JMSB Deloitte/SIP 2013

DOCSE EVENTS

STAIRWELL ART GALLERY OPENING - FEBRUARY 2014

DOCSE transformed the Molson Building stairwells into an art filled environment, inspiring and encouraging people to walk their way towards a healthier, more sustainable, and creative life. The launch of the Stairwell Art Gallery included a walking tour with the artists and a brainstorming session on how to further this initiative, ensure its success, and build its future.

The Stairwell Art Gallery contains complex nature and sustainability themes by artists. The stairwells at both ends of the Molson Building are unique and underused spaces. DOCSE worked with Mouvement Art Public (MAP) to conceptualize, design, and implement the first of these art interventions. MAP installs public art around Montreal, including work on Monk Boulevard, Marché Atwater and the Montreal Airport. They were able to secure the permission to use photographs of Lori Nix (lorinix.net), a New York Artist whose work deals with sustainability and the human condition. DOCSE is also working with other artists to create original murals in the stairwells.

BENEFITS OF THE PROJECT

- Healthier Concordians physical exercise in climbing steps
- Increased productivity and chance encounters with others for idea sharing
- Enhanced creativity evoked by art
- Better use of stairwell space
- Augmented awareness of sustainability themes and issues
- Less elevator bottlenecks
- Potential for interdisciplinary collaboration and community involvement

JUICING EVENT - MAY, 2014

In an effort to understand what sustainable food systems mean for Montreal, DOCSE held a JMSB wide event to informally learn from each other about organic, local, GMO free, vegetable juicing and its benefits to workplace health, wellness, and vitality.

CONFERENCES

GROUP OF RESEARCH ON ORGANIZATIONS AND THE NATURAL ENVIRONMENT (GRONEN) RESEARCH CONFERENCE

JUNE, 2014, HELSINKI, FINLAND

Over recent years corporate sustainability has become a nearly mainstream research topic within business schools. While this suggests a positive development, scholars in the field are increasingly asking whether or not corporate responsibility is able to tackle the most critical environmental and social challenges faced by the global society, such as climate change, poverty, and depletion of natural resources or growing inequality. The influence and impacts of corporate responsibility on these and other burning societal challenges remains unclear. Even business leaders have recently started to ask whether business schools are able to provide sufficient sustainability capabilities to future leaders.

With the above in mind, the Gronen Research Conference 2014 focused on research of corporate responsibility policies, strategies and activities, as well as the influence and impact of corporate responsibility with regard to three broad global sustainability challenge areas, namely climate change, scarcity of natural resources, and global poverty and inequality. Paul Shrivastava conducted a walkshop.

ART AND SUSTAINABLE ENTERPRISE WORKSHOP

JUNE 2014, ICN, NANCY, FRANCE

The International Research Chair on Art and Sustainable Enterprise examines the dynamic relations between art, aesthetics, and sustainable development of organizations. The chair is built in collaboration with ICN Business School and the ARTEM Program, Nancy, France, and DOCSE. This first workshop brought leading art and sustainable enterprise researchers together to present Chair members' current and future projects. The workshop promoted a productive exchange between researchers and to discuss further collaborative work. Paul Shrivastava organized and moderated a workshop.

NEXUS 2014: WATER, FOOD, CLIMATE AND ENERGY CONFERENCE MARCH 2014, CHAPEL HILL, NORTH CAROLINA, USA

The conference was hosted by the Water Institute of the University of North Carolina at Chapel Hill. It brought together scientists and practitioners working in government, civil society and business, and other stakeholders focusing on the questions of how and why the nexus approach is, and can be, used on international and local levels. It is increasingly clear: There is no place in an interlinked world for isolated solutions aimed at just one sector. If the world is going to reduce hunger and eradicate poverty, achieving security for water, energy and food is critical. This challenge is becoming even more critical with the impacts of climate change, and water will be the medium by which we will address much of the nexus. Paul Shrivastava chaired a session.

THE JOHN MOLSON SUSTAINABLE BUSINESS GROUP (JSG) BUSINESS BEYOND TOMORROW (BBT) CONFERENCE

MARCH 2014, MONTREAL, CANADA

BBT is a unique initiative that brings together the Montreal student community, corporate leaders, and sustainable leaders to discuss social, economic and ecological sustainability. Business Beyond Tomorrow explores the sustainable strategies and practices of businesses today, the obstacles faced by industry in becoming sustainable, and common goals for the future. The goal is to educate and inspire the leaders of today, as well as our student community - the leaders of tomorrow.

The conference keynote speaker this year was David Suzuki. This is an event that DOCSE supports annually.

PARTNERSHIPS FOR THE LIVING CITY: PROMOTING URBAN BIODIVERSITY MARCH 2014, MONTREAL, CANADA

DOCSE was a sponsor of this conference, which was a a partnership between the Loyola Sustainability Research Centre, the UN Secretariat of the Convention on Biological Diversity, and the Quebec Centre for Biodiversity Science. The conference showcased research and the latest in local and international achievements in urban biodiversity.

THE CANADIAN SOCIETY FOR ECOLOGICAL ECONOMICS (CANSEE) BIENNIAL CONFERENCE

NOVEMBER 2013, TORONTO, CANADA

CANSEE held its 2013 biennial conference 'Sustaining the Commons: Ideas and Actions for a Green Economy' at York University in Toronto. Paul Shrivastava presented a paper on his research.



UNITED NATION'S CONVENTION ON BIOLOGICAL DIVERSITY (UN CBD) MEETING OF THE GLOBAL PARTNERSHIP FOR BUSINESS AND BIODIVERSITY

OCTOBER, 2013, MONTREAL, CANADA

Engagement of the business sector is increasingly seen as an important aspect of the successful implementation of the Convention on Biological Diversity as well as fulfilling the Aichi Biodiversity Targets. Businesses are very often at the "sharp end" of biodiversity impacts, as they are directly involved with extracting, growing, or otherwise producing and processing the items that modern economies depend upon. This event allowed the members of the Global Partnership and others to meet and discuss issues relating to the strategic direction and growth of the Partnership. In addition, the meeting highlighted the importance of biodiversity conservation and sustainable use of resources to the business community and solicited their input for future decisions at the global level. Paul Shrivastava did a presentation for the corporate and business biodiversity workshop.

ACADEMY OF MANAGEMENT ANNUAL MEETING

AUGUST 2013, ORLANDO

The Academy of Management's vision statement says "to inspire and enable a better world through our scholarship and teaching about management and organizations". The Academy of Management Annual Meeting is the premier conference for more than 10,000 students, academics, scholars, and professionals in the scholarly management and organization space. Paul Shrivastava presented and chaired professional development workshops and spoke at the symposium.



2ND ANNUAL PACIFIC RIM ENERGY & SUSTAINABILITY CONFERENCE (PRESCO)

AUGUST 2013, HIROSHIMA, JAPAN

DOCSE sponsored PRESCO held in Hiroshima, Japan: the City of Peace in August 2013. Despite efforts since the late 1980s by the global community, especially the United Nations, to take a proactive stance on the sustainability of energy resources, the stark reality is that global consumption of energy has not diminished. In fact, Co2 emissions from fossil fuels have increased nearly 30% since 2000, and roughly 85% of global energy now comes from fossil fuels. Moreover, recent spikes in world oil prices, as well as energy related crises such as the BP oil spill in the Gulf of Mexico, and the nuclear meltdown at the Fukushima Dai-Ichi plant in Japan have focused attention on challenges with the existing energy landscape. The three-day conference provided an interdisciplinary platform for academics, researchers, policymakers, entrepreneurs, students, and professionals. Under the theme of Integrating the Disciplines, the objectives of PRESCO 2013 was to exchange ideas, present research, debate issues facing sustainable energy as it intersects with the social, environmental, and economic aspects of the global sustainability paradigm. Paul Shrivastava presented the keynote speech.

EUROPEAN GROUP FOR ORGANIZATIONAL STUDIES (EGOS) JULY 2013, MONTREAL, CANADA

This Colloquium was an opportunity to construct multiple bridges between different ways of understanding contemporary organizations and of doing, communicating and publishing organizational research. The bridge metaphor conveys the idea of connection, of unity, of meeting half way.

Paul Shrivastava chaired the Sub plenary Session on Bridging Prosperity and Sustainability.

CONTACT US

David O'Brien Centre for Sustainable Enterprise John Molson School of Business, Concordia University 1455 De Maisonneuve Blvd. W., MB-6.327 Montreal, QC, Canada H3G 1M8 Phone: 514-848-2424 ext. 5433 Email: sustainable@jmsb.concordia.ca

concordia.ca/jmsb/research/centres/david-obrien.html