



**CENTER FOR LATIN-AMERICAN
LOGISTICS INNOVATION**

Overview GC-LOG 2011

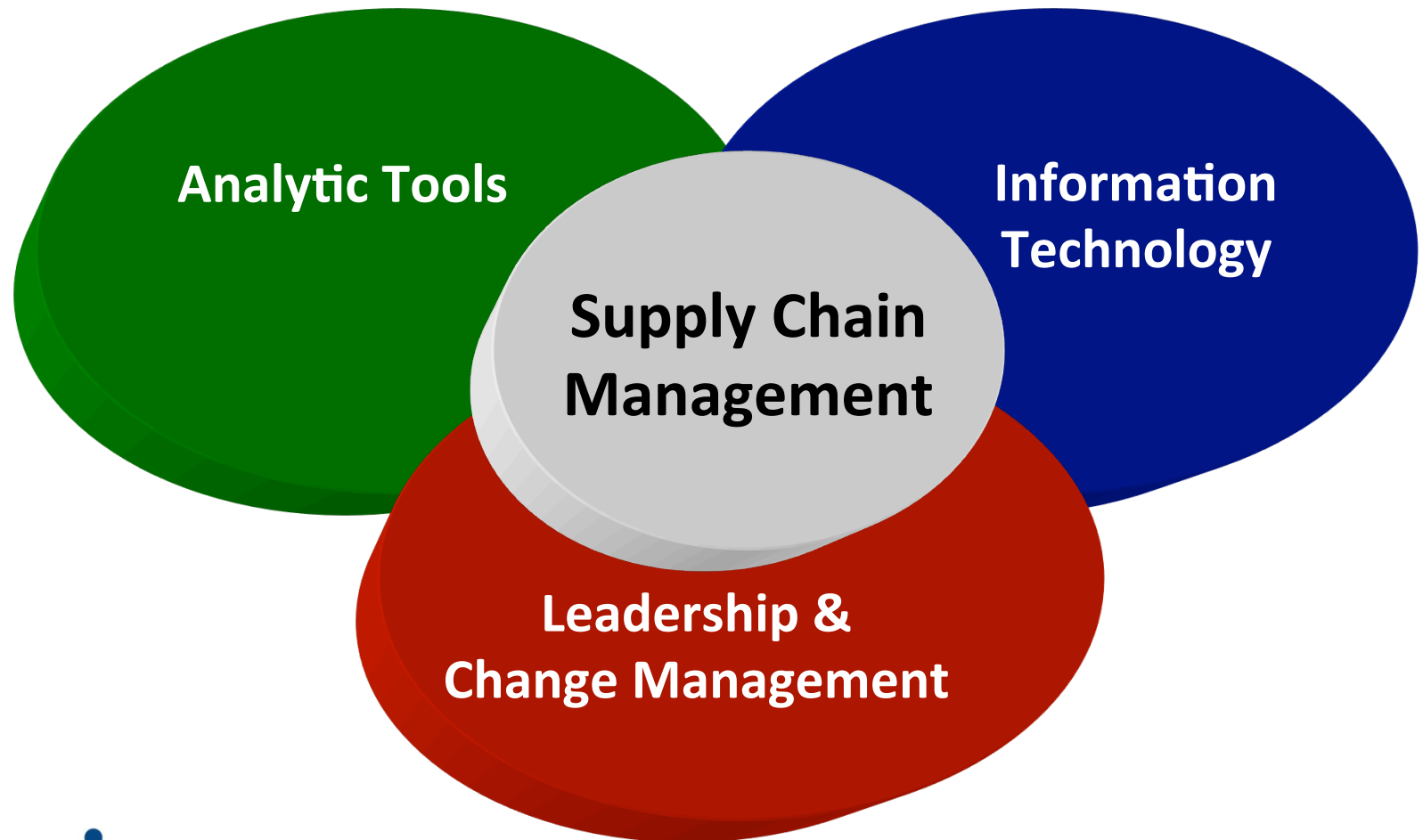
October 2010



CLI - Center for Latin-American Logistics Innovation - at LOGyCA is a member of the MIT Global Supply Chain And Logistics Excellence (SCALE) Network.

GC-LOG Program Concept

Focus on three core competencies required for a successful SCM career.



GC-LOG Intro

- Graduate Certificate in Global Logistics & Supply Chain Management
- 30 students per year, open to students in graduate programs at Academic Partners (MBA, M.Sc.)
- Admission guidelines
 - Recommendation Letter from Academic Partner
 - Transcripts
 - TOEFL
 - GMAT o PAEP
- Admissions every April
- CLI Session in Bogotá
 - All lectures in English
 - Instructors (MIT Faculty & Staff, Academic Partners, ZLC Faculty, Leading academic and executives)
- MIT-CTL Session in Boston
 - Joint session with MLOG and ZLOG students
 - 2 optional extra weeks at MIT & Zaragoza

Bogota Session

- July 3 – 23 / 2010
- 12 students (3 from México, 3 from Brazil & 6 from Colombia)
- 6 professors from MIT CTL & ZLC
- Very satisfied: 67%



First Week

	Saturday 3-Jul	Sunday 4-Jul	Monday 5-Jul	Tuesday 6-Jul	Wednesday 7-Jul	Thursday 8-Jul	Friday 9-Jul
8:30 - 9:00		Villa de Leyva (Team Building)	Villa de Leyva (Team Building)	Admin Setup (Edgar)	Finance & SC (Alejandro)	Finance & SC (Alejandro)	Finance & SC (Alejandro)
9:00 - 10:30	GC-LOG Welcome	Villa de Leyva (Team Building)	Villa de Leyva (Team Building)	Beer Game (Edgar & Isa)	Finance & SC (Alejandro)	Finance & SC (Alejandro)	Finance & SC (Alejandro)
10:30 - Noon	GC-LOG Welcome	Villa de Leyva (Team Building)	Villa de Leyva (Team Building)	Beer Game (Edgar & Isa)	Finance & SC (Alejandro)	Finance & SC (Alejandro)	Finance & SC (Alejandro)
2:00 - 3:30	Trip to Villa de leyva	Villa de Leyva (Team Building)	Villa de Leyva (Team Building)	Pre-Homework Review (Alfonso)	Finance & SC (Alejandro)	Finance & SC (Alejandro)	Free
3:30 -5:00	Trip to Villa de leyva	Villa de Leyva (Team Building)	Villa de Leyva (Team Building)	GC-LOG Project Book (Edgar)	Free	Free	Free
Evening	Villa de Leyva (Team Building)	Villa de Leyva (Team Building)	Return Bogotá				Leave to Panama



Second Week

	Saturday 10-Jul	Sunday 11-Jul	Monday 12-Jul	Tuesday 13-Jul	Wednesday 14-Jul	Thursday 15-Jul	Friday 16-Jul
8:30 - 10:00	MIT Class / Ciudad del Saber	Panama City Visit	Demand Mgmt (Larry)	Demand Mgmt (Larry)	SC Strategy (Mahender)	SC Strategy (Mahender)	Leadership Session (CLI)
10:30 - Noon	MIT / Canal	Panama City Visit	Demand Mgmt (Larry)	Demand Mgmt (Larry)	SC Strategy (Mahender)	SC Strategy (Mahender)	Leadership Session (CLI)
2:00 - 3:30	Canal Visit	Panama City Visit	Demand Mgmt (Larry)	Demand Mgmt (Larry)	SC Strategy (Mahender)	SC Strategy (Mahender)	Homework review (CLI)
3:30 -5:00	Panama Pacífico	Panama City Visit	Demand Mgmt (Larry)	Demand Mgmt (Larry)	SC Strategy (Mahender)	SC Strategy (Mahender)	GC-LOG Project Book (Edgar)
Evening		Return to Colombia					





Third Week

	Saturday 17-Jul	Sunday 18-Jul	Monday 19-Jul	Tuesday 20-Jul	Wednesday 21-Jul	Thursday 22-Jul	Friday 23-Jul
8:30 - 10:00	Free	Free	SC Case Study (Edgar)	Risk/Contracts (Sheffi)	Risk/Contracts (Sheffi)	LOGyCA Tour	Capstone Project Presentations
10:30 - Noon	Free	Free	SC Case Study (Edgar)	Risk/Contracts (Sheffi)	Risk/Contracts (Sheffi)	SC in LatAm (Speakers)	Capstone Project Presentations
2:00 - 3:30	Free	Free	SC in LatAm (Speakers)	Risk/Contracts (Sheffi)	Risk/Contracts (Sheffi)	Networking Session (CLI)	GC-LOG Review (CLI)
3:30 -5:00	Free	Free	SC in LatAm (Speakers)	Risk/Contracts (Sheffi)	Risk/Contracts (Sheffi)	Networking Session (CLI)	GC-LOG Review (CLI)
Evening	Free	Free				Networking Session (CLI)	Andrés Carne Res D.C.

Average scores

	Demand	Finance	Strategy	Risk	Final Grade	
	91	92	87	66	84	B
	93	73	98	76	85	B+
	99	92	95	91	94	A
	91	94	87	84	89	B+
	93	91	91	89	91	A
	99	87	92	78	89	B+
	91	100	93	92	94	A
	93	87	93	75	87	B+
	99	93	93	91	94	A
	91	93	85	91	90	A
	99	60	94	59	78	B
	93	52	93	50	72	B-
PROMEDIO	94.3	84.5	91.8	78.5		

Pre-session HW = 75%

Capstone Projects

#	Student	University	Title
1	Ricardo Awazu	INSPER – BRA	Virtual pipeline (natural gas) case Brazil
2	Daniel Burger	FUMG – BRA	Feasibility study for installation of distribution center for supply lime to sugar cane sector in Brazil
3	Vagner Correia	FUMG – BRA	Economical and environmental analysis of an urban consolidation center for Belo Horizonte (Brazil)
4	Andres Cabrera	UdeA – COL	A standard process for supply chain segmentation
5	Andrea Camacho	Unisabana – COL	Developing a collaboration program with packaging vendors
6	Felipe Calderón	Unisabana – COL	S&OP proces implementation analysis in Proquinal S.A.
7	Diego Bonilla	Unisabana – COL	Measuring carbon emissions and carbon footprint
8	Gustavo Santamaria & Luisa Spaggiari	Unal - COL	Current situation of the Colombian port infrastructure and determination of the steps to follow in order to make it competitive

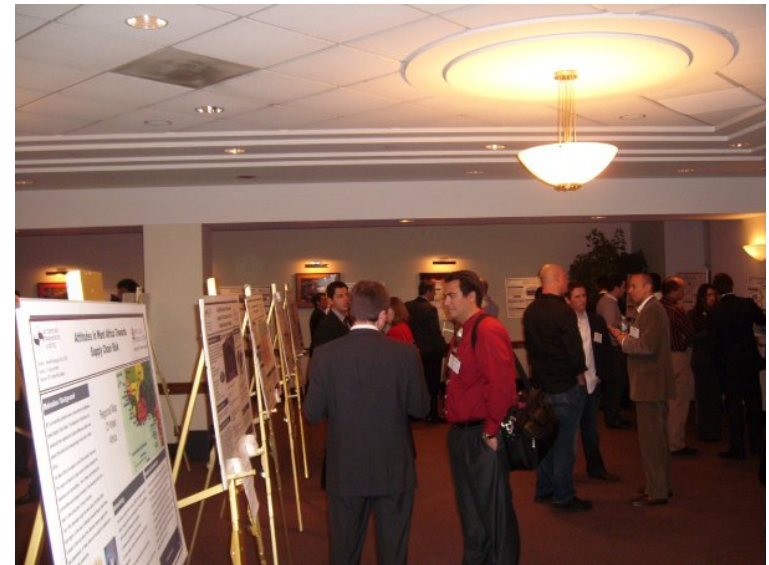
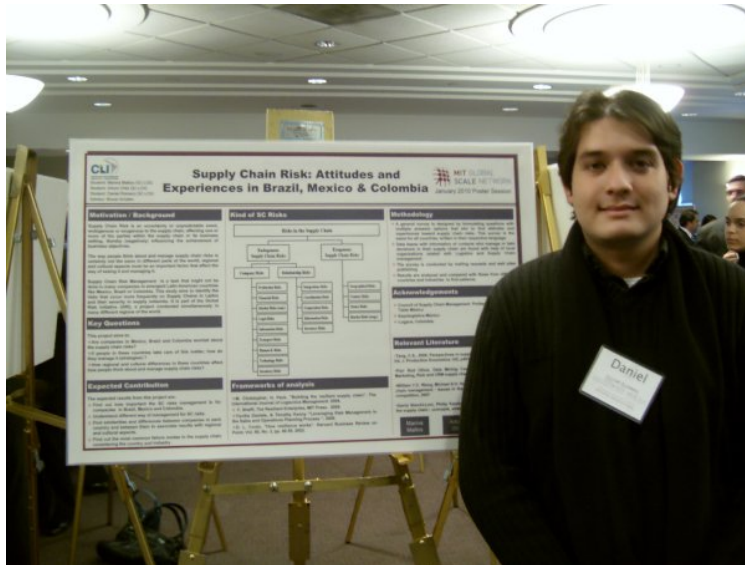
Capstone Projects (Cont.)

#	Student	University	Title
9	Fidel Gomez	Monterrey TEC – MEX	Development and applications of metaheuristic techniques in order to reduce waiting times in the metro mass transport system in Mexico City
10	Nicolas Hakim	Monterrey TEC – MEX	Lean principle application in export process
11	Miguel Pimienta	Monterrey TEC – MEX	Logistics computer information tool for the cement supply chain

Capstone Projects Timeline

- 23 July. Two or three ideas of capstone projects (in summary format).
- 6 Sep. First draft of capstone project due. Include project description, basic literature review & methodology (5 - 10 pages, 3-5 summary slides)
- **10 Sep. First presentation of capstone project at 4pm – 5:30 pm Boston time.**
- 18 Oct. Second draft of capstone project due. Include final project description, literature review & preliminary findings (20 - 30 pages).
- 29 Nov. Third draft of capstone project due. Include final project description, literature review, findings & research open items (20 - 30 pages, 5-10 summary slides).
- **3 Dec. Second presentation of capstone project at 4pm – 5:30 pm Boston time**
- 17 Dec. Poster due & Slide presentations for Jan Research Fest (10 – 15 slides)
- **Jan 2010. GC-LOG Research Fest at MIT**
- **Feb 14. Final capstone project due.**

Poster Session



Bogota Session Reflections

- Local level
 - Clarify expectations
 - Prep material
 - Weak on inventory modeling
 - Capstone project support
- Bogota session was very well received
 - Leadership & team building as the opening session is key
 - Importance of culture blending & networking
 - SC Strategy session... the best rated 2010
 - SC Finance... the best rated 2009
 - Panama canal visit was one of the highlights...
- To work.... English proficiency

Next Step GC-LOG 2011

- Cambridge, US, January 3 -14, 2011
- Cambridge Schedule
 - Week 1 @ MIT (mandatory)
 - Team Work
 - SC Simulation (ZLOG + MLOG + GC-LOG Student Teams)
 - Supply Chain Innovation Series (MIT Thought Leaders / SC Executive Leaders)
 - Site Visits
 - Week 2 @ MIT (mandatory)
 - System Dynamics in SC (MIT)
 - SC Simulation
 - Supply Chain Innovation Series (MIT Thought Leaders / SC Executive Leaders)
 - Capstone Project Presentations / Poster Session
 - Week 3 @ MIT (optional)
 - Supply Chain Innovation Series
 - Week 4 @ Zaragoza (optional)
 - Supply Chain Innovation Series
 - Site Visits

Open discussion

- Comment from students
- Suggestions

Our Goal

2012 Goal: 20+ admitted students

Long Term : 30-35 students

21 Academic Partners = Attainable Goal

- www.cli-logyca.org/gclog
- **2011-2012 Academic Calendar**
 - Jan 3, 2011 Admissions Start
 - April 15, 2011 Admissions End
 - May 4, 2011 Acceptance Decisions
 - Bogotá, Colombia, July 2 -22, 2011
 - Cambridge, US, January 2 -13, 2012
- **Program fees**
 - US\$3,000. This covers all tuition and material expenses during the GC-LOG sessions at CLI (Colombia) and MIT (USA).
 - Students are responsible to cover travel expenses (airfare, lodging, meals, insurance, visa, Panama airfare & hotels). For 2010 these costs are approximately US\$1,800 – US\$2,000, excluding airfare.

How ..?

- **Communicate effectively** the value of the Graduate Certificate in Global Logistics and Supply Chain Management Program (GC-LOG).
- Making a **joint effort between CLI** and the Academic Coordinators & the marketing & communication areas of their Universities.
- **Taking advantage** of media and direct communication channels with students e.g. academic events, institutional media, universities web sites & mailing.
- Being a **multiplier** of the value and benefits of GC-LOG. *Word of mouth* is effective.