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General Information

Name:	María del Rosio Barajas Escamilla
Birth place:	Tijuana, Baja California
Nationality:	Mexican
Actual Institution:	El Colegio de la Frontera Norte
Dependency:	Social Studies Department
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Education

- 2000-1996, Ph.D. in Social Sciences (with specialization in International Political Economy and Regional Studies). University of California, Irvine (UCI). Thesis presented to obtain the PhD, "Inter and Intra-firm Networks in the Electronics Industry: The experience in the Binational Region of Tijuana- San Diego", September 2000.
- 1996-1994, Master's Degree in Social Sciences. University of California, Irvine (UCI).
- 1986-1984. Master's Degree in Regional Development. El Colegio de la Frontera Norte, Tijuana, B.C. Thesis title to obtain degree: "Proceso de Industrialización en la frontera norte de México. El caso de Tijuana, Baja California", (*Industrialization process in the northern border of Mexico. The case of Tijuana, Baja California*).
- 1982-1977, B.A. in Business Administration. Universidad Autónoma de Baja California. School of Business and Administration.

Continuing Education

- 2016, High Management Program, CIDE-CONACYT, 120 hours, México, D.F., funded by El Colef.
- Workshop in Curricular Design: The reflexive teacher practice based on competences, UPN-COLEF, July, 20 hours.
- 1992, Research seminar to take a six-week course under the leadership of Dr. Sergio Boisier, "Integrated Laboratory for the Design of Regional Strategies", Institute for Economic and Social Planning for Latin America and the Caribbean

(ILPES), United Nations and ECLAC, October - November, Santiago de Chile, funded by ILPES/CEPAL.

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Research and Teaching Interests

- Research topics: Trans-border cooperation and regional development, governance and cooperation, resolution of conflicts in the trans-border region; Economic interdependence, and its effects in the trans-border region, global production networks.
- Teaching courses at master and doctoral level: Trans-border relations in comparative perspective, Research Methodology, Theories of regional development, Public policies in urban planning.

Professional Experience

- 2017-1998, Full time professor-researcher at El Colegio de la Frontera Norte, Tijuana, Baja California, member of the Social Studies Department
- 1998-1986, Full time professor-researcher at El Colegio de la Frontera Norte, Tijuana, Baja California, member of the Economic Studies Department.
- 2016-2019, Appointment as National Researcher II by the National System of Researchers CONACYT.
- 2017-2007, Adjunct Professor at the Latin American Studies Center in Sand Diego State University.
- 2011-2009, Coordinator of the Ph D Program in Social Sciences with specialization in Regional Studies at El Colegio de la Frontera Norte, Tijuana, Baja California.
- 2008-2004, Coordinator for the Regional Development Master's Program, at El Colegio de la Frontera Norte, Tijuana, Baja California.

Academic Experience

- 2017-2015, Coordinator of research project "Red Internacional de Investigacion sobre Fronteras Comparadas/International Research Network on Comparative Borders, El Colef-CIAD.
- 2014-2010, Coordinator of research project No. 106367 "Cooperación y Gobernanza Bilateral y Transfronteriza: Lineamientos de Política Pública/ Bilateral and Trans-border governance and cooperation: Guidelines for Public Policies. Funded by CONACYT.
- 2011-2009, Member of the Academic Group that created and edited the Strategic Guidelines Plan for the Competitive and Sustainable Development of the Border Region Mexico-United States.

- 2010--2007, Coordinator of research project "Del Rio Bravo al Mediterraneo: las regions fronterizas en tiempos de la globalización"/ "On the Mediterranean Rio Bravo: The Border Regions in Globalization times," El Colef / Laboratory of Sociology of the Mediterranean, Aix-en Provence, France. Funded by Ecos-Nord and SEP/CONACYT,
- 2009-2008, Collaborator in the research project "De la cooperación a la gobernanza transfronteriza: los retos para las fronteras de México, Estados Unidos y Canada"/ "From cooperation to trans-border governance: Challenges for Mexico, United States and Canada border integration". Funded by CONACYT.
- 2008-2007, Coordinator of research project "Trans-border Management and Local Development in the Northern Cities of Mexico", Funded from Fulbright-Garcia Robles Scholarship for Research in SDSU, September 2007-August 2008.
- 2008-2007, Coordinator of the research project "Las políticas de la frontera norte de México"/ "The policies for the Northern Border of Mexico" for the Borders' Commission from the Chamber of Senators of the Mexican Republic.
- 2008, Joint Coordinator in research project, "Plan Estatal de Desarrollo de Baja California, 2008-2013, (*Development Plan for the Government of Baja California 2008-2013*), January to May.
- 2008-2006, Collaborator of research project "Capacidades de gestión transfronteriza y desarrollo local en el norte de México"/ "Capabilities of trans-border management and local development in northern of México". Project Coordinators: José María Ramos, and Patricia Moctezuma, COLEF-UABC, funded by CONACYT.
- 2007-2006, Coordinator of research project, "Los procesos de relocalización industrial en un espacio fronterizo: México y Marruecos"/"The process of industrial relocation in a borderland space: Mexico and Morocco, El Colef, funded by CONACYT. 2006;
- 2007, Scholarship to participate in the "U.S.-Mexico Border Academic Tour, organized by the U.S. Embassy in Mexico and UTEP in Texas. 2006, March 19-25th.
- 2006, Participant in researcher project "Capabilities of trans-border administration and local development in the northern of Mexico", Project Coordinators: José María Ramos and Ismael Aguilar Barajas, funded by CONACYT.
- Collaborator in researcher project "Procesos de aprendizaje tecnológico en la industria maquiladora de exportación en tres ciudades de la frontera norte: Tijuana, Mexicali y Ciudad Juárez"/ Processes of technological learning in the maquiladora exports industry (IME) research project in three northern border cities in Mexico: Tijuana, Mexicali and Cd. Juárez. El Colef, UAM and FLACSO, Project Manager Jorge Carrillo, funded by CONACYT.
- 2004, Coordinator researcher project "Procesos de aprendizaje y política ambiental en la industria maquiladora de exportación en el norte de México"/ Learning Processes and environmental policy in the maquiladora industry along the northern border of Mexico. Research Grant from the Commission for Environmental Cooperation (CEC) and Commission of the environment, Economy and Growth (CCE), Canada, 2004. Other participants: Carrillo,C. and González H.

- 1999, Summer Fellowship Social Sciences School, University of California Irvine (Social Sciences School).
- 1999, Phi Beta Kappa Alumni International Fellowship. Phi Beta Kappa Alumni in Southern California, U.S.
- 1998, Regents Dissertation Fellowship. University of California, Irvine, fall.1997, USIA-SDSU-COLEF-UC, Trilateral Affiliation. Financing to lead a field work in the area of San Diego, CA.fall.
- 1996-1993, Fullbright-García Robles Scholarship to enroll in a Ph.D. Program in the United States, University of California, Irvine Campus.
- 1992, Scholarship to participate in "Integrated Laboratory for the Design of Regional Strategies", Institute of Economic and Social Planning for Latin American and the Caribbean (ILPES), United Nations & CEPAL, October-November, Santiago Chile.
- 1986-1984, Scholarship to study a Master Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C.
- 1991, Collaborator in the research project "Rotación de personal en la IME en Tijuana, Baja California"/ Worker turnover in the maquiladora Industry of Tijuana, Baja California., sponsored by El Colegio de la Frontera Norte, Secretaría del Trabajo y Prevision Social, Universidad de las Américas.
- 1991, Collaborator in the researcher project "Perspectivas del empleo y sus condiciones ante el TLC"/ Employment perspectives and its conditions in the Free Trade Agreement, Negotiating Commission for the Free Trade Treaty Mexico-United States-Canada. Secretaría de Comercio y Fomento Industrial (SECOFI).
- 1991, Collaborator in the researcher project "Reglamentación vigente en las zonas y franjas fronterizas de México"/ Current rules in the border and in the free trade zones of Mexico, Negotiating Commission of the Free Trade Treaty Mexico-United States-Canada, funded by SECOFI.
- 1990, Coordinator of the researcher project "La mujer en la reconversión productiva: el caso de la industria electronica"/ Women facing the productive reconversion: the case of the electronics industry", funded by Foundation Friedrich Ebert.
- 1990, Coordinator of the Audio-Visual Project: "Mujer y trabajo en la industria maquiladora de exportación"/ Women and labor in the maquiladora exports industry, 12 minute length, funded by Ebert Foundation & El Colegio de la Frontera Norte, Tijuana, B.C.
- 1989, Coordinator of the research project "Mujer y trabajo en la industria maquiladora de exportación"/ Women and labor in the maquiladora exports industry, funded by the Foundation Friedrich Ebert, Tijuana, B.C.
- 1988, Participant in the researcher project "Los recientes cambios internacionales y sus efectos en el proceso maquilador: las ramas electrónicas y de autopartes en Tijuana"/ Recent international changes and their effects in the maquiladora process: the electronics and auto-parts branches in Tijuana, (with Bernardo González-Aréchiga, and José Carlos Ramirez), funded by Foundation Friedrich Ebert.
- 1987-1986, Collaborator in the researcher project "Patrones de crecimiento en la industria maquiladora en México"/ Growth patterns in the maquiladora industry in

Mexico, Coordinator: Bernardo González-Aréchiga, funded by Foundation Friedrich Ebert.

- 1987, Collaborator in the research project "Proteccionismo en los Estados Unidos y las Maquiladoras en México"/ "Protectionism in the United States and Maquiladoras in Mexico. Towards an International Debate", (with Bernardo González-Aréchiga, and Noé Arón Fuentes Flores, funded by Foundation Friedrich Ebert.

Other financing

- 2015, Co-financing for the "First International Congress on Comparative Borders of the International Research Network on Comparative Borders", September 24 and 25, 2015, University of Vigo, Spain. Strategic Event Colef.
- 2013, Co-financing for the International Seminar "Frontiers and Integration Processes. Comparative experiences in cross-border regions, theoretical perspectives and empirical evidence ", The Northern Border College, October 24 and 25, 2013. Strategic Event Colef.

Academic Stays

- 2015, Research stay at the University of Turin, Italy, Department of Society and Politics, July.
- 2014, Research stay at the University of Seville, School of Geography, Spain, May.
- 2012-2011, Sabatical year at the Center for Latin American Studies (CLAS) of San Diego State University. October- September, 2012.
- 2008-2007, Research stay at the Center for Latin American Studies at San Diego State University (CLAS-SDSU). Research project: "Transborder Management and Local Development in the Northern Cities of Mexico". Sept. 2007-August 2008. Fulbright Scholarship
- 2006, Researcher participant in the "U.S.-Mexico Border Academic Tour". 19 to 25 March. Organized and funded by the United States Embassy in Mexico and the University of Texas at El Paso (UTEP).

Honors positions and distinctions

- 2016, Committee Member to choose the best doctoral thesis, organized by Institute of Support to Research and Innovation (INAPI) of the state of Sinaloa (thesis under PNPC programs).
- 2019-2016, Appointment as National Researcher II by the National System of Researchers CONACYT.
- 2017-2015, General Coordinator of the International Research Network on Compared Borders (RECFronteras). Consortium conformed by research scholars from El colef, CIAD, ASU, UCI, SDSU, U of Sevilla, U of Huelva, U of Vigo, U of Turin, CeSPI, U Genova.

- 2017-2007, Adjunct Professor (Honorary Position) of the Center for Latin American Studies (CLAS) at San Diego State University (SDSU), Ca., USA.
- 2017-2013, Member of the Advisory Council of the Center for Latin American Studies (CLAS) at San Diego State University (SDSU), Ca., USA.
- 2011, Recognition as Coordinator of the Doctoral Program in Social Sciences with Specialization in Regional Studies, The North Border College, (March 2009 - October 2011).
- 2011, Recognition as Coordinator of the Master's Program in Regional Development, The North Border College, (September 2004-January 2008).
- 2011, Appointment as part of the Review Committee of the Statute of Academic Staff of El Colegio de la Frontera Norte, (June 2010-April 2011).
- 2010, Member of the International Network of Alumni, El Colegio de la Frontera Norte, Tijuana, B.C.
- 2012-2009, Appointment as National Researcher II by the National System of Researchers CONACYT.
- 2008, Member of the Selection Committee of the International Network for Migration and Development, El Colegio de la Frontera Norte and the University of California.
- 2017-2009, Member of the Scientific Advisory Committee, PhD Program in Social Sciences, El Colegio de Sonora.
- 2008-2006, Member of the Dictamining Commission, El Colegio de la Frontera Norte, Tijuana, B.C.
- 2003-2001, National Researcher I by the National System of Researchers CONACYT.
- 2004-2003, Member of the Academic Council of El Colegio de la Frontera Norte.
- 2004-2003, Member of the Academic Commission of the Master Program in Regional Development, El Colegio de la Frontera Norte.
- 1998-2000, Recipient of the Program to Support Resident Academics Abroad, CONACYT.
- 1993, Tenure Researcher at El Colef via academic excellence, El Colegio de la Frontera Norte
- 1993, Outstanding achievement in English as a second language, University of California, Irvine.
- 1992, Diploma with Distinction for participation in the Integrated Laboratory of Design of Regional Strategies (LIDER 92), Regional Development Management, Economic Commission for Latin America (ECLAC) - Latin American Institute for Economic and Social Planning (ILPES), Santiago de Chile, October- November
- 1994-1991, Candidate for National Researcher. National System of Researchers, CONACYT, Mexico.
- 1987, Second Place in the National Prize of Studies of the Regional Development 1986. Thesis of Master "The Manufacturing Industry of Tijuana". Prize awarded by the Colegio de Puebla, Autonomous University of Puebla, and University of the Americas.

Participation on Editorial Boards

- 2015-2017, Revista de Norteamérica, Centro de Estudios de America del Norte, UNAM.
- 2014, Member of the External Evaluation Committee, Programa Nacional de Posgrados de Calidad (PNPC)/ National Quality Graduate Program , CONACYT.
- 2012-2011, Member of the External Evaluation Committee of the Regional Doctoral Program in Education with emphasis on Teacher Training, National Pedagogical University, UPN Baja California, UPN Chihuahua, UPN Baja California Sur and UPN Sinaloa.
- 2009-2008, Member of the Editorial Board of the Revista Carta Económica Regional, edited by the Department of Regional Studies-INESER of the University of Guadalajara.
- 2011-2008, Member of the Editorial Committee, Frontera Norte Journal, The North Border College, Tijuana, B.C.
- 2017-2004, Member of the Editorial Board, Revista Problemas del Desarrollo, UNAM.
- 2017-1998, Academic Evaluator of research projects submitted to CONACYT-Mexico.

Books Published with refereeing

- 2016, Barajas, E. Ma. del Rosío, Enrique Varela y Pablo Wong (coordinators), *Entre Fronteras: Construyendo una Agenda Comparada Global*, CIAD-Juan Pablos Editores, 350 págs (in review).
- 2015, *Fronteras y Procesos de Integración Regional: estudios comparados entre America y Europa/Borders and regional integration processes: comparative studies between America and Europe*, coordinated by María del Rosío Barajas Escamilla, Pablo Wong-González and Nahuel Oddone, El Colef, CIAD and Juan Pablos Editor, 524 Pp. ISBN: 978-607-479-184-6.
- 2013, *Interdependencia, cooperación y gobernanza en regiones transfronterizas/ Interdependence, cooperation and governance in transborder regions*, coordinated by Barajas, Rosio y Luis F. Aguilar, El Colef Press, ISBN:978-607-479-119-8.
- 2013, *Fronteras comparadas: desarrollo, trabajo y migración/ Comparative borders: labor, development and migration*, coordinated by Barajas, Rosio y Marlen Solís, El Colef Press, 227 p. ISBN 978-607-711-193-1.
- 2011, *Desarrollo de la normatividad y las políticas públicas en la frontera norte de México en el siglo XX / Development of the Normative System and Public Policy in Mexico's Northern Border in the Twentieth Century*, coordinated by Barajas, Rosio, Araceli Almaraz, Marcos Reyes y Josefina Pérez, El Colegio de la Frontera Norte, ISBN 978 607 479 039 9.

- 2009, Cuatro décadas del modelo maquilador en el norte de México/ Four decades of the maquiladora model in northern Mexico, coordinated by Barajas, Rosío, Blanca Lara, Gabriela Grijalva, Lorenia Velásquez, Liz Ileana Rodríguez y Mercedes Zúñiga, El Colef-El Colson, 437p, ISBN 978-607-479-011-5.
- 2007, Evolución y heterogeneidad: Las maquiladoras fronterizas electrónicas y automotrices/Borderland maquiladoras: heterogeneity and evolution in the electronic and automotive sectors, coordinated by Jorge Carrillo y Rosío Barajas, El Colegio de la Frontera Norte, and Plaza y Valdez, 265 p.
- 1989, Las Maquiladoras: Ajuste Estructural y Desarrollo Regional / Maquiladoras: Structural Adjustment and Regional Development, coordinated by Bernardo González-Aréchiga and Rosío Barajas, El Colegio de la Frontera Norte and Editorial Cárdenas.

Articles with refereeing

- 2016, "La frontera México-Estados Unidos: dinámicas transfronterizas y procesos de gobernanza"/ "The US-Mexico border: cross-border dynamics and governance processes", en *Noesis*, Revista de Ciencias Sociales y Humanidades, Universidad Autónoma de Ciudad Juárez, vol. 25, núm. 49, págs. 111-128.
- 2015, "Concepts and Measurements of Economic Interdependence: The Case of the United States and Mexico", Barajas, María del Rosío, Amir Kia y Maritza Sotomayor , *Global Economy Journal*, vol.16, núm. 1, ISSN (Online) 1553-5304, ISSN (Print) 2194-5659, DOI: [10.1515/gej-2015-0034](https://doi.org/10.1515/gej-2015-0034), págs. 63–90.
- 2014, " Una evaluación retrospectiva del avance y retroceso de las relaciones de interdependencia económica entre México y Estados Unidos"/ A retrospective evaluation of the advance and pulling out of the relationships of economic interdependence between Mexico and the U.S., *Revista Norteamérica*, CISAN-UNAM, año 9, núm. 1, enero-junio, págs. 143-170.
- 2012, "Crecimiento del empleo manufacturero y externalidades: la experiencia de México y Marruecos en las regiones fronterizas"/ Growth of manufacturing employment and externalities: the experience of Mexico and Morocco in border regions, (with Marcela Martínez Muñoz y Wilfrido Ruiz Ochoa), in *Revista Análisis Económico*, Vol. XXVII, No. 65, UAM, pp. 57-88, ISSN: 0185-3937.
- 2012, "Relaciones transfronterizas y nuevos actores institucionales. Cooperación para la innovación y el desarrollo regional en Tijuana-San Diego" / "*Border relations and new institutional actors. Cooperation for innovation and regional development in Tijuana-San Diego*", (with Almaraz A. Araceli), in the *Journal of Atlántida*. *Revista Canaria de Ciencias Sociales*, Facultad de Ciencias Políticas y Sociales de la Universidad de La Laguna, España. Electronic Publication: <http://publica.webs.ull.es/publicaciones/volumen/atlantida-volumen-extraordinario-2013/> .

- 2012, “Las redes de colaboración y la gobernanza transfronteriza: La Conferencia de Gobernadores Fronterizos”/ *“Collaborative networks and transboundary governance: Border governors conference”*, in the Journal of Eixo Atlántico, No. 19, Universidad de Vigo, España, pp. 93-118.
- 2012, “Crecimiento del empleo manufacturero y externalidades: México y Marruecos en las regiones fronterizas”/ *“Manufacturing employment growth and externalities: Mexico and Morocco in the border regions”*, (with Marcela Martínez M. y Wilfrido Ruiz O), in Journal of Economic Analysis, Vol. XXVII, No. 65, UAM.
- 2012, “La academia y el sector productivo en Baja California. Los actores y su capacidad de vinculación para la producción, difusión y la transferencia de conocimiento y la innovación”/ *“The academia and the productive sector in Baja California. The actors and their linking ability to production, dissemination and the transfer of knowledge and innovation”*, (with Minerva Celaya T.), in la Revista Región y Sociedad / the Journal of Society and Region, El Colegio de Sonora.
- 2009, “Debilidades en el ambiente institucional en la Frontera Norte de México: el caso de Baja California”/ *“Weaknesses in the institutional environment on the northern border of Mexico: the case of Baja California”*, (with Araceli Almaraz), in Revista de Carta Económica/ Regional Journal Carta Económica, Departamento de Estudios Regionales- INESER, Zapopan Jalisco, No. 101, pp.5-20.
- 2008, “Le trasformazioni nei processi di insediamento industriale sulla frontera norte del Messico” / *“The changes in the processes of industrial settlement in the northern Mexico border”*, in the Journal of Archivio di studi urbani e regionali, No. 91.
- 2007, “Environmental performance of the assembly plants industry in the north of Mexico”, (with Carmen Rodríguez C. and Humberto García J.), in Policy Studies Journal, Vol.35, No. 2, pp. 265-289.
- 2006, “Aprendizaje organizacional y comportamiento ambiental en la industria maquiladora del norte de México”/ *“Organizational learning and environmental performance in the maquiladora industry in northern Mexico”*, (with Carmen Rodríguez C. y Humberto García J.), in Frontera Norte / Northern Border, Vol. 18 Num.36, pp. 145-180.
- 2003, “Industria maquiladora en México: perspectivas del aprendizaje tecnológico-organizacional y escalamiento industrial”/ *“Maquiladora industry in Mexico: Perspectives of technological-organizational learning and industrial upgrading”*, El Colegio de la Frontera Norte, México.
- 2003, “Complexidade produtiva e organizacional do setor eletrônico da Maquiladora de exportação em três cidades da fronteira norte do México”/ *“Productive and organizational complexity in the electronic sector, the experience in the maquiladoras of three cities of the northern of Mexico”*, (with Carmen Rodríguez), in the Journal of the FEE, vol. 31, no. 3, november, Porto Alegre, Brazil, pp. 19-46.
- 2002, “Too close for comfort? The proximity of industrial hazardous wastes to local populations in Tijuana, Baja California” (with Kathryn Kopinak), in Journal of Environment and Development, vol. 11, num. 3, Sept. University of California at San Diego, La Jolla, Ca., pp. 215-246.

- 2002, “La fuerza de trabajo en la maquiladora: la localización de sus espacios de trabajo y de reproducción en Tijuana”/ *“The workforce in the maquiladora: the location of their workspaces and reproduction in Tijuana”*, (with Kathryn Kopinak), in *Journal Region and Society*, El Colegio de Sonora, vol. XV, number. 26, January-April, Hermosillo, Sonora, pp. 3-48.
- 2001, “La red regional, una alternativa de participación empresarial y gubernamental en la región binacional Tijuana–San Diego”/ *“The regional network, an alternative for participation of business and government in the binational Tijuana - San Diego region”*, in *Revista Trabajo*, Year 2, No. 4, January–July of 2001.
- 1994, “Patterns of industrial competitiveness and specialization along the northern border” (with Noé Aron Fuentes), in *Mexican Outlook on the Pacific Basin*, number 7, march, pp. 1-20.
- 1993, “Patrones de competitividad y especialización industrial en la Frontera Norte”/ *“Specialization patterns and industrial competitiveness in the northern border”*, *Revista de la Universidad de Colima*, No. 5, La Internacionalización de la economía mexicana y el desarrollo de los estados Ribereños del Pacífico, Red Nacional de Investigadores sobre la Cuenca del Pacífico, Universidad de Colima, pp. 47-62.
- 1991, “Mercado Internacional y Maquila” / *“International Market and Maquila*, in *Ciudades / Towns. Análisis de la Coyuntura, Teoría e Historia Urbana*, Vol. 13, pp. 10 - 20.
- 1990, “Maquiladoras: La mujer obrera y sus estrategias de reproducción”/ *Maquiladoras: Working women and their reproductive strategies*, in the *Magazine of International México*. January.
- 1990, Reestructuración industrial: Subcontratación internacional, cambio tecnológico y flexibilidad en la Maquiladora”/ *“Industrial restructuring: International outsourcing, technological change and flexibility in the Maquiladora”*, in *Estudios Fronterizos / Border Studies*. Instituto de Investigaciones Sociales de la Universidad Autónoma de Baja California (UABC), No. 23, September-December, pp. 33-54.
- 1987, “Proteccionismo en Estados Unidos y maquiladoras en México. Hacia un debate internacional.”/ *“Protectionism in the United States and maquiladoras in Mexico. Towards an international debate”*, (with Bernardo González-Aréchiga, and Noé Arón Fuentes), in *Revista de Comercio Exterior / International Commerce Magazine*, vol. 37, núm. 11, pp. 907 - 915, Nov.

Book Chapters with Refereeing

- 2017, “Fronteras, integración y desarrollo transfronterizo”/ *“Frontiers, integration and cross-border development”*, Esquivel Gerardo, Francisco Ibarra Palafox and Pedro Salazar Ugarte (coordinators), *Cien Ensayos for el centenario de la Constitución Política de los Estados Unidos Mexicanos/One hundred essays for the centenary. Political Constitution of the United Mexican States*, Volume III, Economic and Social Studies. Edit. Instituto de Investigaciones Jurídicas, UNAM and Instituto Belisario Domínguez Institute del Senado de la República.

- 2016, Integración regional y redes globales de producción en la region transfronteriza entre México y Estados Unidos"/ "Regional integration and global production networks in the transboundary region between Mexico and the United States." In Barajas E. Ma. Del Rosío, Enrique Varela and Pablo Wong (coordinators), *Entre Fronteras : Building a Global Comparative Agenda*, CIAD-Juan Pablos Editores, 350 p. (In review).
- 2016, "Integración regional, segmentación y especialización productiva en los espacios de frontera"/ "Regional integration, segmentation and productive specializatiom in the border spaces", in Enrique José Varela Álvarez y Celso Cancela Outed (editors), *Las Fronteras ante su Espejo. Estudios transfronterizos en Europa, América, Asia y el Magreb*, Editorial Andavira, España. Colección de Ciencia Política y de la Administración, Universidad de Vigo.
- 2015, with Marcela Martínez Muñoz, "Empleo en la industria manufacturera en México y Marruecos"/ "Employment in the manufacturing industry in Mexico and Morocco" productive clusters and business networks in Mexico, Wilfrido Ruiz, Gabriel Tapia, Miguel A. Vite and Redi Gomis (coordinators) , Michoacan University San Nicolás de Hidalgo.
- 2015, "Maquiladoras" in *The Blackwell Encyclopedia Of Race, Ethnicity and Nationalism*, Stone John, Dennis Rutledge, Rizova Polle Y Smith Anthony D., (coordinadores), Blackwell Editor, London.
- 2015, with Pablo Wong and Nahuel Oddone, "Introduction", in *Fronteras and processes of regional integration. Comparative studies between America and Europe*, Barajas R., P. Wong and N. Oddone (coordinators), El Colef-CIAD, Juan Pablos Editores, pp. 11-28., ISBN / ISSN: 978-607-479-184-6, El Colef.
- 2015, Barajas, E., María del Rocio, "Procesos de integración y cooperación entre varios actores de la region fronteriza entre México y Estados Unidos"/ "Processes of integration and cooperation of the various actors in the border region between Mexico and the United States," in *Frontiers and regional integration processes. Comparative studies between America and Europe*, Barajas R., P. Wong and N. Oddone (coordinators), El Colef-CIAD- Juan Pablos Editores, pp.171-198, ISBN / ISSN: 978-607-479-184-6 , El Colef.
- 2015, *Abriendo y cerrando fronteras: Del TLCAN a las respuestas de seguridad después del 9/11* (Opening and Closing borders: From NAFTA to Security Answers after 9/11) / by Caesar Sereseres / María del Rosío Barajas Escamilla in 2015, *Fronteras y Procesos de Integración Regional: estudios comparados entre America y Europa/Borders and regional integration processes: comparative studes between America and Europe*, coordinated by María del Rosío Barajas Escamilla, Pablo Wong-González and Nahuel Oddone, El Colef , CIAD and Juan Pablos Editors.p. 112-97. ISBN / ISSN: 978-607-479-184-6 , El Colef.
- 2013, " La interdependencia como una perspectiva teorica para entender el desarrollo de la región transfronteriza Mexico-Estados Unidos" in *Interdependencia, cooperación y gobernanza en regiones transfronterizas/ Interdependence, cooperation and governance in transborder regions*, edited by Barajas, Rosio y Luis F. Aguilar, El Colef Press, pp. 33-76, ISBN:978-607-479-119-8,

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- <http://www.cec.org/trio/stories/index.cfm?varlan=english&ed=15&ID=174>
- 2005, "Procesos de aprendizaje y política ambiental en la industria maquiladora de exportación (IME) del norte de México"/ Learning process and environmental policy in the maquiladora industry in the Northern Mexico, (with Carmen Rodríguez y Humberto García), paper presented at IV Foro de Recursos Naturales y Desarrollo Sustentable. Tópicos de Economía Ambiental / IV Forum in the Natural Resources and Sustainable Development. Topics of Economic Environment, SEMARNAT-UNAM and Universidad Autónoma de Guerrero / Autonomous University of Guerrero, Mexico City, October 18-20.
- 2005, "Fortalecimiento de capacidades. Maquiladoras electrónicas y de auto partes en Baja California y Chihuahua" / Strengthening of capabilities: Maquiladoras in the autoparts and electronics sector in Baja California and Chihuahua, (with Alfredo Hualde, Jorge Carrillo y Redi Gomis), paper presented at the Conference on Análisis de Capacidades de Innovación y Desarrollo Industrial. Comparaciones Sectoriales y retos para la Política/ Workshop on the Analysis of innovation capabilities and Industrial development. Sectorial comparison and policy challenges, El Colef, Tijuana, Baja California, August 11.
- 2005, "Organizational learning and individualized and collective mechanisms: the experience in the 'maquiladora' industry in North of Mexico", paper presented at 16th Annual Meeting of the Society for the Advancement of Socio-Economics (SASE). What Counts? Calculation, Representation Association, Society for the Advancement of Socio-Economics, Budapest, Hungary, July 1-2.
- 2004, "La complejidad tecno-productiva y organizacional de las empresas exportadoras en tres ciudades de la frontera norte y sus capacidades tecnológicas"/ Organizational and tecno-productive complexity of exports companies in three northern border cities, paper presented at Seminario El Colef/Universidad de Guadalajara, Zapopan, Jalisco, December 8th.
- 2004, "Complejidad tecno-productiva y su relación con la formación de capacidades tecnológicas y organizacionales en la industria maquiladora de exportación"/ Tecno-productive complexity and its relation with the formation of technological and organizational capabilities, paper presented at the Coloquio Co-Evolución de maquiladoras, instituciones y regiones: una nueva interpretación, Universidad Autónoma Metropolitana, Unidad Xochimilco, División de Ciencias Sociales y Humanidades, México, D.F., December 1-3th.
- 2004, "Es el modelo de producción modular una mejor alternativa que el modelo de integración vertical para transmitir conocimiento y generar aprendizaje tecnológico en regiones en desarrollo"/ Is the modular production model a better alternative than the vertical integration model to transmit knowledge and generate technological learning in developing regions?, (with James Curry), paper presented at X Seminario Latino iberoamericano de Gestión Tecnológica (ALTEC) / Latino iberian-American Seminar of technology administration (ALTEC), Guadalajara, Jalisco, October 22-24.

- 2004, “The Institutional Environment of the Industrial process in a Trans-Frontier Region”, paper presented at the LASA2004 XXV International Congress, Latin American Studies Association, Las Vegas, Nevada, October 7-9.
- 2004, “Actores del desarrollo industrial y la construcción de capacidades de aprendizaje y escalamiento en un territorio transfronterizo”/ Industrial development actors and the construction of capabilities for learning and upgrading in a transborder territory, paper presented at the Seminario Territorio y Desarrollo, las dinámicas de proximidad/ Territory and Development Seminar, the dynamics of proximity, Universidad Autónoma Metropolitana, Unidad Xochimilco/Universidad de Concepción, Chile, September 10th.
- 2004, “La empresa, su entorno y el entramado institucional”/The company, its environment and the institutional framework, paper presented at the Seminar ¿Las maquiladoras evolucionan y aprenden?/ Do Maquiladoras (assembly plants), evolve and learn?, El Colef, Tijuana, Baja California, February 20th.
- 2004, “La complejidad tecno-productiva y organizacional de las empresas exportadoras en tres ciudades de la frontera norte y sus capacidades tecnológicas”/ The tecno-productive and organizational complexity of the maquiladora exports companies in three cities of the northern border of Mexico and their technological capabilities, (with Carmen Rodríguez y Araceli Almaraz), paper presented at the Seminar Las maquiladoras evolucionan y aprenden?/ Do Maquiladoras (assembly plants), evolve and learn? , El Colef, Tijuana, Baja California, February 20th.
- 2003, “El desarrollo de capacidades de aprendizaje organizacional en la industria de la electrónica en la Frontera Norte de México”/ The organizational learning capacities in the electronics industry in the Northern border of México, (with Prof. Leonel González), paper presented at the 15th Annual meeting on the Society for the Advancement of Socio-Economics (SASE), Knowledge, education, and future societies, Aix-en-Provence, France, June 26-28.
- 2003, “Nuevos modelos industriales en un espacio global/ New industrial models in a global space, (with Dr. James Curry), paper presented at IV Congreso Nacional de la Asociación Mexicana de Estudios del Trabajo/ IV congress of the Mexican Association of Labor studies (AMET), Hermosillo, Sonora, April 9-11.
- 2002, “El aprendizaje organizacional y tecnológico en la industria electrónica en la frontera norte de México”/Productive and organizational complexity in the electronics sector of the Northern border of Mexico, paper presented at the VII Seminario Internacional de la Red de Investigadores sobre Globalización y Territorio/ VII International Seminar of the Researchers network on globalization and territory, Camaguey, Cuba, November 27-29.
- 2002, “Participation of the electronics industry in the global production networks: The case of the Tijuana-San Diego bi-national region”, paper presented at The Hawaii International Conference on Social Sciences, Honolulu, Hawaii, June 12-16th.
- 2001, “La localización de los centros de trabajo y de las viviendas de los trabajadores de las maquiladoras: El espacio urbano de Tijuana, B. C.”/ The localization of the workplace and housing of the maquiladora workers: The Urban

- space of Tijuana, B.C., paper presented at *XXIII International Congress of the Latin American Studies Association (LASA)*, Washington, D.C., September 5-8.
- 2000, “Patterns of social productive global networks in the electronics industry of Tijuana-San Diego Region”, paper presented at XXII Congreso Internacional de la Asociación de Estudios Latinoamericanos/ XXII International Congress of the Association of Latin American Studies, Miami, Florida, March 16-18.
 - 1999, “Las redes productivas globales en la industria electrónica en la región binacional Tijuana-San Diego”/Global production networks of the electronics industry in the binational región Tijuana-San Diego, paper presented in the V Seminario Internacional de la International Red de Investigadores Sobre Globalización y Territorio/ V International Network Seminar on Globalization and Territory, Universidad Autónoma del Estado de México & the Red Iberoamericana de Investigadores sobre Globalización y Territorio, Mexico, September.
 - 1998, “Los encadenamientos empresariales y la acción Gubernamental en un esquema de integración económica: La experiencia en la región binacional Tijuana-San Diego”/ The entrepreneurial linkages and the governmental action in an economic integration schema: the experience of the Tijuana-San Diego binational region, paper presented at Segundo Congreso de Sociología del Trabajo/ II Congress of the Sociology of Labor, Jalapa, Veracruz, October 28-30.
 - 1997, “The role of political and economic elites in México”, paper presented at Conference of Pacific Sociologist: the 68th Annual Pacific Sociologist Association Meeting, in San Diego, Ca, April 17-20.
 - 1991, “La industria maquiladora de exportación en la frontera norte de México y el TLC con Estados Unidos y Canadá”/ The Maquiladora industry of exports in the northern border of Mexico and the NAFTA, paper presented at Seminario: El Tratado de Libre Comercio. Dinámica y Creación de Ventajas Comparativas/ Seminar: The managing of free commerce, dynamics and the creation of comparative advantages, Facultad de Humanidades de la UNAM, Mexic, D.F. June 12-14.
 - 1990, “La mujer ante la reconversión productiva: el caso de la industria electrónica”/ Women in front of the productive reconversion: the case of the electronics industry, paper presented at II Seminario Nacional: La condición de la Mujer Mexicana/ II national seminar: the condition of mexican women, Federación Mexicana de Mujeres Universitarias/ Mexican Federation of University Women, Puebla, Puebla, November 23-25.
 - 1989, “El empleo maquilador y sus condiciones en el marco del TLC”/ The maquilador (assembly-plant) employment and its conditions in the TLC framework, paper presented at Annual Meeting Pacific Coast Council and Latin-American Studies, Fullerton, California, October 17-20.

Invited Presentations

- 2016, Co-organizer of the International Workshop on Transborder Governance and Cooperation, International Workshop on Transborder Governance and Cooperation,

Tempe, Arizona, February 18 and 19. Organized by RECFronteras, ASU, El Colef and CIAD.

- 2015, Organizer of the First Meeting of the International Research Network on Compared Borders, University of Seville, Spain, March 18 and 19.
- 2015, Organizer of the Second Meeting of the International Research Network on Compared Borders, University of Vigo, Spain, September 24 and 25.
- 2015-2016, Coordinator of the Photographic Exhibition for Europe "From the Gulf to the Pacific", exhibited at the University of Turin, Italy; University of Seville, University of Vigo and University of Salamanca, Spain (based on the exhibition coordinated by Dr. Tonatiuh Guillen for Latin America).
- 2014, "The international network on compared borders: theoretical discussions and empirical results", University of Torino, Italy, June 06, 2014.
- 2014, "Economic Interdependence between the US and Mexico", Finance & Economics Department Seminar, Utah Valley University, January 24, 2014, Utah.
- 2012, "La evolución de los estudios del desarrollo territorial en Latinoamérica" / The evolution of territorial studies in Latin American countries, Keynote Address in El Foro Nacional sobre Desarrollo Territorial. Debates, procesos y perspectivas / The National Forum on Territorial Development, Debates, Process and Perspectives, Facultad de Ciencias Sociales de la Universidad Autónoma de Chiapas, San Cristóbal de las Casas, Chiapas, March 26-27.
- 2010, "Condiciones socioeconómicas en la frontera norte" / Socio-economic conditions in the northern border, conference presented at El colegio de la frontera Norte, A.C., Tijuana, B.C. December.
- 2010, "Gobernanza y procesos transfronterizos" / Governance and the trans-border processes, keynote address at the Seminar on Formación Profesional/ Professional Formation, Universidad Autónoma de Baja California, Tijuana, Baja California, October 27.
- 2010, "Procesos de cooperación y gobernanza transfronteriza para el desarrollo económico en la frontera México-Estados Unidos" / Governance and cooperation transborder processes for economic development in the Mexico-United States border, conference presented at the Seminar Hacia la Construcción del Observatorio de Desarrollo Económico Territorial en la Región Norte-Noroeste de México/ Towards the construction of the Economic development observatory in the North-Northeast region of Mexico, Centro de Investigación Interdisciplinario en Alimentación y Desarrollo, A.C. Hermosillo, Sonora, June 18.
- 2010, "Panorama socio-económico de la frontera norte" / Socio-economic panorama in the northern border, conference presented at the United States District court, San Diego, March 8.
- 2010, "Las políticas que incentivaron el desarrollo económico en la frontera norte de México (1848-2008)" / Politics that encouraged economic development in the northern border of Mexico (1848-2008), paper presented at The U.S. Mexico border:

- A Discussion on Subnational Policy Options, El Colegio de la Frontera Norte and The Woodrow Wilson International Center for Scholars, Tijuana, B.C., February 10th.
- 2009, “La cooperación y gobernanza transfronteriza y binacional como componente del desarrollo económico de la frontera norte”/ The trans-border and binational governance and cooperation as a component of economic development of the Northern Border, conference presented at the Doctorado en Ciencias y Artes/ PhD Program in Science and arts, Universidad Autónoma Metropolitana, Xochimilco, México, D. F., November 25.
 - 2009, “La cooperación y la gobernanza en la gestión transfronteriza: La conferencia de gobernadores fronterizos (1980-2008)”/ Cooperation and governance in the trans-border management: The conference of border governors (1980-2008), conference presented at the Bachelors Program in Urban planning, Universidad Autónoma Metropolitana, Xochimilco, México, D. F., November 24.
 - 2009, “La cooperación transfronteriza y binacional como componente del desarrollo económico de la frontera norte de México”/ The trans-border and binational governance and cooperation as a component of economic development of the Northern Border, paper presented at the Coloquio Fronteras Contemporáneas: Confrontación, Transgresión, Cooperación”/ Coloquio on Contemporary Borders: Confrontation, Transgression, Cooperation, paper presented at El Colegio de la Frontera Norte and Center for Mexican and Central American Studies, Tijuana, B. C., October 29-30.
 - 2009, “La crisis y su efecto en el mercado laboral de las mujeres”/ The crisis and its effect on women's labor market, discussion presented at Seminario Interdisciplinario de Estudios de Género / Interdisciplinary Seminar of Gender Studies, El colegio de la frontera norte, A.C., Tijuana, B.C., October 22.
 - 2009, "El papel de la conferencia de gobernadores fronterizos de México y los Estados Unidos en la construcción de la agenda de desarrollo transfronterizo” / The rol of Mexico's border governors conference and the United States in the construction of the trans-border development agenda, conference presented at the First Binational Encounter: International Law Mexico-United States, Escuela de Leyes de la Universidad Autonoma de Baja California, and the Trans-border institute of the University of San Diego, USD, San Diego, October 9.
 - 2009, "El papel de la conferencia de gobernadores fronterizos de México y los Estados Unidos en la construcción de la agenda de desarrollo transfronterizo” / The rol of Mexico's border governors conference and the United States in the construction of the trans-border development agenda, conference presented at the Seminar on Perspectivas de la economía en Sonora y la frontera norte: retos para un desarrollo con equidad/ Perspectives on the economy of Sonora and the Northern Border: challenges for development with equity in Sonora, El Colegio de Sonora, Hermosillo, Sonora, October 1-2.
 - 2009, 2010, “Las políticas que incentivaron el desarrollo económico en la frontera norte de México (1848-2008)”/ Politics that encouraged economic development in the northern border of Mexico (1848-2008), conference presented at the Panel Un diálogo sobre las políticas públicas en la región transfronteriza/ The Border Mexico-

US: a dialogue about public policy in the trans-border region, Arizona State University, Tempe, Arizona, June 17 and 18.

- 2009, “Una reflexión sobre la globalización y el desarrollo regional en la frontera norte de México”/ A reflection about regional development and globalization in the north frontier of Mexico, conference presented at the Seminar Región y globalización: Una reflexión en torno a la región, ciudad, medio ambiente y trabajo/ Region and globalization: a reflection in the context of the region, city, environment and labor, Centro Universitario de la Costa de la Universidad de Guadalajara, Puerto Vallarta, Jalisco, February 23-24.
- 2008, “La frontera norte en el proceso de globalización. Los nuevos determinantes de la localización industrial”/The northern border in the process of globalization. The new determinants of the industrial localization, paper presented in the II Encuentro Nacional sobre Estudios Regionales/ II National Encounter about Regional Studies, Universidad de Guadalajara, Centro Universitario de la Cienega, October 02-04.
- 2008, “La cooperación y la gobernanza en la gestión transfronteriza: La conferencia de gobernadores fronterizos (1980-2008)” / Cooperation and governance in trans-border management: border governors conference, (1980-2008)", paper presented at the Seminario Cooperación descentralizada y para el desarrollo local (CDPDL), Instituto Mora y la Universidad Nacional Autónoma de México, september 17-19.
- 2008, “Desarrollo e innovación: una mirada a la migración”/ Development and innovation: a look at migration", paper presented at the 7° Seminario regional de innovación: migración y desarrollo: hacia políticas públicas innovadoras en México/ 7th regional innovation seminar: Migration and development: towards innovative public policy in Mexico, Foro Consultivo de Ciencia y tecnología y El Colegio de la Frontera Norte, Tijuana, Baja California, February 28.
- 2007, “Desarrollo e integración regional en la frontera norte”/ Development and regional integration in the northern border, conference presented at the Seminar “Políticas públicas enfocadas al desarrollo económico”/ Public policy focused on economic development, CETYS, Mexicali, Baja California, December 06.
- 2007, “Hacia una nueva estrategia de coordinación intergubernamental para la frontera norte”/ Towards a new strategy of inner-governmental coordination for the northern border, (with Marcos Reyes, Aracely Almaraz y Josefina Perez), conference presented at the Comisión de Asuntos Fronterizos de la H. Cámara de Senadores de la República/ Commission on Border Issues in the Chamber of Senators in the Republic, Mexico city, December 04.
- 2007, “Desarrollo económico y la industrialización”/ Economic Development and industrialization, conference presented at the XXI Encuentro Internacional de Ciencias Sociales/ XXI International Encounter of Social Sciences, International Book Fair of Guadalajara, El Colegio de la Frontera Norte y Guadalajara University, Guadalajara, Jalisco, November 30.
- 2007, “Políticas enfocadas al desarrollo de la frontera norte de México”/ Politics focused on the development of Mexico’s Northern border, (with Aracely Almaraz), conference presented in La Comisión sobre Asuntos Fronterizos de la Cámara de Senadores de la República Mexicana/ Commission on the border issues from the

Chamber of Senators in the Republic, El Colegio de la Frontera North, Tijuana, B.C. October 17.

- 2007, “Los retos de la política industrial y el desarrollo económico al norte de México”/ Industrial policy challenges and economic development in the north of Mexico, CETYS, Tijuana, B.C., May.
- 2007, “Las corporaciones en un mundo globalizado”/ Business corporations in a global world, El Grupo Profesionistas por la democracia/Professional group for democracy, Tijuana, B.C. April 20,
- 2007, “Retos de la política de desarrollo industrial fronterizo en la perspectiva del ASPAN”/ Challenges of industrial development policy at border in the ASPAN' perspective, paper presented at El Seminario Binacional sobre Seguridad Fronteriza y Nacional y las Relaciones Mexico-Estados Unidos / Binational Seminar on border and national security and the US-Mexico Relations, El Colegio de la Frontera Norte, Tijuana, B.C., February 12th.
- 2007, “El origen y los logros del SIPCOLEF a 10 años de su fundación”/ Origin and the accomplishments of SIPCOLEF, 10 years after its foundation, conference presented at the X Aniversario del SIPCOLEF, X anniversary of SIPCOLEF, El Colegio de la Frontera Norte, Tijuana, January 25.
- 2006, “Algunos dilemas del desarrollo industrial y urbano en ciudades fronterizas y su impacto regional”/Some dilemmas of Industrial and urban development in border cities and their regional impact, paper presented at the Seminar La gestión del desarrollo local en México: Problemas y agenda/ Local development management in Mexico: Problems and agenda, el Colegio de la Frontera norte, Tijuana, B.C., November 17th.
- 2006, “Los procesos de relocalización en dos espacios fronterizos, México y Marruecos”/ The process of industrial relocation in two border spaces, Mexico and Morocco, conference presented in the Seminar Desarrollo industrial y procesos migratorios/ Industrial development and migratory process, El Colegio de la Frontera Norte, Tijuana, Baja California, October 12.
- 2006, Member of the Academic Organizational Group of the XVII Congress of ADIAT, Tecnologías sin Fronteras, Acelerando la Innovación/ Technology without borders: accelerating innovation, Asociación Mexicana de Directivos de la Investigación Aplicada y el Desarrollo Tecnológico, A.C., ADIAT, Tijuana, B.C., April 21.
- 2004, “La participación de las mujeres en una economía globalizada”/ The participation of women in a globalized economy, conference presented at Primer Congreso de la Mujer Tijuanaense ‘Realización y Compromiso’/ First Congress of the Tijuanaense woman: Performance and Commitment, Instituto de la Mujer/Women Institute, Gobierno Municipal, Tijuana, Baja California, November 7th.
- 2003, “Alternativas a la globalización desde una visión económica”/ Alternatives to globalization from an economic vision, conference presented at El II Congreso de Promotoras y Activistas de la Comunidad.Hacia una Solidaridad Humanizante / II congress for community promoters and activists.Towards a humanizing ' solidarity, Tijuana, B.C., April 25-27.

- 2002, "Los procesos de aprendizaje en la industria electrónica maquiladora. Una senda predefinida"/ The learning process in the electronics maquiladora industry. A predefined path? (with Leonel González), paper presented at the International Seminar Aprendizaje Tecnológico y Escalamiento Industrial: Generación de Capacidades de Innovación en la Industria Maquiladora en México/ International Seminar: Technological learning and industrial upgrading: generation of innovation capabilities in the Maquiladora Industry of Mexico, Mexico City, November 5-7.
- 2002, "Los procesos de aprendizaje en la industria electrónica maquiladora. Una senda predefinida"/ The processes of learning in the electronic maquiladora industry. A predefined path?", (with Leonel González), paper presented at the International Seminar Retos y Perspectivas en la Maquiladora Mexicana: Entornos Locales y Procesos Globales/ Challenges and perspectives in the Mexican Maquiladora: Local concerns and global processes, Guadalajara, Jalisco, October 30-31.
- 2002, "La política educativa y sus Implicaciones"/ Educational policy and its implications, conference presented at Foro sobre La Problemática de las Universidades Públicas/Forum: Public universities and their issues, Guadalajara, Jalisco, September 25-27.
- 2002, "La fuerza de trabajo en la maquiladora: La localización de sus espacios de trabajo y de reproducción en Tijuana, B. C."/ Labor force in the maquiladora industry: the localization of their workplace and reproduction process in Tijuana, Baja California, paper presented at Coloquio Transfronterizo sobre La mujer en la maquila: trabajo, salud, familia y organización sindical/ The transborder coloquio on women in the maquila: work, health, family and unions., Hermosillo, Sonora, June 20-21.
- 2001, "La frontera, riesgos y oportunidades"/ The border, risks and opportunities, paper presented at El Taller de discusión sobre el Futuro de Ensenada, Baja California/ Workshop about the future of Ensenada, Baja California, H. XVI Ayuntamiento/ The H. XVI congressional gathering, October 2-4.
- 2001, "The Tijuana-San Diego Bi-national Region and the Development of the Electronics Industry", paper presented at the Conferencia Internacional sobre la Economía de la Frontera México-Estados Unidos en el Siglo XXI /International Conference on the US-Mexico border in Economy in the XXI century, El Colegio de la Frontera Norte, SDSU, Federal Reserve Bank of Dallas El Paso Branch, June 22-23.
- 2001, "Patrón de relaciones de producción en la industria electrónica: La experiencia en Tijuana, B.C."/ Production relations pattern in the Electronics Industry: The Tijuana, B.C. experience, report presented at Mesa redonda Cadenas Productivas en el 8vo. Seminario Integración para el Desarrollo Regional/ in the round table Productive links in the 8th. Seminar Integration for a regional development, Universidad Autónoma de Baja California, School of Engineering, El Colegio de la Frontera Norte – Master's Degree in Industrial Processes, May 24-25.
- 2001, "Estructura industrial en la maquiladora y la estabilidad en el empleo"/ Maquiladora industrial structure and labor stability, paper presented at Seminario Internacional Las Maquiladoras y el Futuro del Sindicalismo en México / International

seminar The maquiladoras and the future of unions in Mexico, Federación Internacional de Trabajadores de las Industrias Metalúrgicas, IMF, IMB, FIOM, FITIM, FISM, Hermosillo, Sonora, May 30-31.

- 2001, “Las redes globales de producción en una región binacional: Tijuana-San Diego”/The global production network in the Tijuana-San Diego binational region: conference presented at Universidad de Guadalajara, Centro Universitario de Ciencias Sociales y Humanidades, División de Estudios de Estado y Sociedad, Maestría en Ciencias Sociales / Master’s Degree in Social Sciences, Guadalajara, Jalisco, March 27.
- 2001, “The Socio-economic structure of the border”, conference presented at the Tijuana Border Project, Catholic Diocese of San Diego, San Diego, California, January 11th.
- 2000, “The Tijuana-San Diego binational region and the development of the electronics industry”, conference presented at Segunda Conferencia sobre la Industria Maquiladora/ II Conference on the Maquiladora Industry, Universidad Autónoma de Ciudad Juárez and El Colegio de la Frontera Norte, Ciudad Juárez, Chihuahua, November 16-17.
- 2000, “Participation of electronics firms in global production networks in the Tijuana-San Diego binational region”, paper presented at the Conferencia Internacional sobre Libre Comercio, Integración y el Futuro de la Industria Maquiladora: Producción Global y Trabajadores Locales/ International Conference on Free Commerce, Integration and the Future of the Maquiladora Industry: Global Production and Local Workers, El Colegio de la Frontera Norte, STYPS, CEPAL-ONU, Tijuana, B.C., October 19-21.
- 2000, “Una aproximación al análisis de las redes productivas globales en la industria electrónica en la región binacional Tijuana-San Diego”/ An approximation on the analysis of global production networks in the electronics industry in the Tijuana-San Diego binational region, paper presented at the Conferencia Internacional sobre ¿Aglomeración Local o Cluster Globales?: empresarios y evolución institucional/ International Conference on local Agglomeration or global clusters? Entrepreneurs and institutional evolution, Universidad Autónoma de Ciudad Juárez and the Friedrich Ebert Foundation, Tijuana, B.C., April 6-7.
- 1999, “The Inter and Intra Firm Networks in the Electronics Industry in The Binational Region Tijuana-San Diego”, paper presented at The Canadian Association of Latin American Studies, Carleton University, Ottawa, Canada, September 30–October 1th.
- 1997, “La economía de Baja California al final del siglo XXI”/ The economy of Baja California at the end of the XXI century, conference presented at the Foro de Análisis sobre la economía fronteriza de Baja California / Forum of analysis of the borderland economy of Baja California, Partido de la Revolución Democrática (PRD), Tijuana, B.C., June 13th.
- 1991, “La industria maquiladora de exportación en la frontera norte de México y el TLC con Estados Unidos y Canadá”/The Maquiladora export industry in the northern border and the NAFTA among Mexico, The United States and Canada, paper presented at Seminario: El Tratado de Libre Comercio. Dinámica y Creación de

Ventajas Comparativas/Seminar on The Free Trade Agreement, Dynamics and the Creation of Comparative Advantages Facultad de Humanidades de la UNAM, México, D.F. June 12-14.

- 1991, “La mujer en la reconversión productiva.”/ Women in productive reconversion, conference presented at X Feria Internacional del Libro/ X International Book Fair, Palacio de Minería, Mexico, D.F. March 21.
- 1991, “Reestructuración industrial en la frontera norte”/ Industrial restructuring in the northern border, conference presented at Semana de Economía/ Week of Economy, Universidad Autónoma de Baja California (UABC), Tijuana, Baja California, September.
- 1991, “Perspectivas del empleo y sus condiciones ante el TLC”/ Free trade agreement and the perspectives from the employment and its conditions, conference presented at II Semana de Comercio Exterior y Aduanas: México ante un nuevo orden económico mundial/ II Week of Exterior Commerce and Customs: Mexico in front to new economic world order, Tijuana, CETYS, Baja California, May 20-24.
- 1990, “La mujer ante la reconversión productiva: El caso de la industria electrónica”/ The woman in front the productive reconversion: the case of the electronics industry, paper presented at II Seminario Nacional: La condición de la Mujer Mexicana/ II National Seminar: The Condition of The Mexican Woman, Federación Mexicana de Mujeres Universitarias, Puebla, Puebla, November 23-25.
- 1990, “La mujer ante el proceso de reconversión productiva: el caso de la industria electrónica.”/ The woman in front the process of productive reconversion: the case in the electronics industry, paper presented at the Seminario: Los empresarios y la apertura comercial/ Seminar: entrepreneurs, and the commercial aperture, Facultad de Economía de la Universidad Autónoma de Nuevo León, El Colegio de la Frontera Norte and the Foundation Friedrich Ebert, Monterrey, Nuevo León, September.
- 1989, “Mujer y trabajo en la industria maquiladora de exportación.”/ Women and labor in the maquiladora exports industry, (with Carmen Rodríguez), paper presented at the Taller Estrategias de Desarrollo y Nuevos mercados de Trabajo/ Workshop on developmental strategies and new labor markets, Tijuana, Baja California, El Colegio de la Frontera Norte and the Foundation Friedrich Ebert, November 23-24.
- 1989, “La inserción de la industria maquiladora de exportación en la economía regional de la frontera norte.”/ The insertion of the maquiladora export industry in the regional economy of the northern border, paper presented at 4to. Seminario Nacional sobre Desarrollo Regional Mexicano/ 4th.National Seminar about: Mexican Regional Development, El Colegio de Puebla, Puebla, November 18-19.
- 1989, “El proceso de desgaste-reproducción de la fuerza de trabajo femenina en la industria maquiladora (el caso de las obreras de la rama electrónica y de plásticos”/The deterioration-reproduction process of the female labor force in the maquiladora industry (the case of the female workers in the branch of electronics and plastics), paper presented at the Seminario de Resultados de investigación/ Results of Research, Foundation Friedrich Ebert and CIDE, Mexico, D.F., June 28-29.

- 1988, “La industria maquiladora de autopartes en Tijuana”/ The maquiladora for auto parts industry in Tijuana, (with Noé Arón Fuentes Flores), paper presented at II Seminario de la Maquiladoras/ II seminar about: Maquiladoras, El Colegio de la Frontera Norte and Fundación Friedrich Ebert, Tijuana, Baja California, August 10.
- 1988, The maquiladora industry for auto-parts in Tijuana (with Noé Arón Fuentes Flores), paper presented at the seminar: “The Maquiladora and Policy Issues for the United States and Mexico, the Institute of Regional Studies of California, San Diego State University, August 15.
- 1988, “La maquiladora de la década de los 80’s y su impacto en el desarrollo económico y social de México”/ The maquiladora of the 80's decade and their impact on economic and social development of Mexico, paper presented at the Seminario sobre la Industria Maquiladora en México: tendencias recientes y perspectivas/ Seminar on the Maquiladora Industry in Mexico: recent tendencies and perspectives, UAZ, CECOPE, Zacatecas, Zacatecas, October 27-28.
- 1987, “Estructura y crecimiento de la industria maquiladora en México 1965–1986”/ Structure and growth in the maquiladora industry in Mexico 1965-1986”, paper presented at Primer Seminario Sobre Asuntos Fronterizos. La Industria Maquiladora de Exportación/ First Seminar about Border Issues. The maquiladora exports industry, ANUIES, Monterrey, Nuevo León, May.
- 1987, “Patrones de crecimiento de la industria maquiladora de exportación y su distribución regional.”/ Growth patterns in the maquiladora exports industry and their regional distribution, paper presented at the Primer Seminario “Ajuste estructural y desarrollo regional/First seminar on structural adjustment and regional development, El Colegio de la Frontera Norte and Fundación Friedrich Ebert, Tijuana, Baja California, September.

Courses Taught at the Ph.D.level

- 2014-2015 Professor of the Course "Economic Development", Doctoral Program in Social Sciences with specialization in Regional Studies, El Colegio de la Frontera Norte, September , 01, 2014-06 February 2015 (22.5 hours).
- 2013, Professor of the II course "Elements for the construction of a research Proposal", Regional Doctoral Program in Teacher Training, National Pedagogical University, Tijuana, February-May (40 hours).
- 2012, Taller “Elementos para la construcción de un protocolo de investigación /Elements for constructing a research proposal, Doctoral Program in Formación de Profesorado / Professorship Formation, Universidad Nacional Pedagógica, Tijuana, B.C., October-December (40 hours).
- 2010, course “Teorías del desarrollo regional”/ Theories on regional development, Programa de Doctorado en Ciencias Sociales / Doctoral Program in Social Sciences, 2010-2014 period, El Colegio de la Frontera Norte, Tijuana, B.C., October 5th-14th of December, (30 hours).

- 2003, course “Economía global y sus procesos de cambio”/ Global economy and its process of change, Programa de Doctorado en Ciencias Sociales Aplicadas/ Doctoral Program in Applied Social Sciences, Universidad Autónoma de Baja California, Mexicali, B.C., July – September, (30 hours).

Courses Taught at the Master level

- 2016 Lecturer in "Regional Development Theories", Masters in Regional Development, El Colegio de la Frontera Norte, August 28, 2016 - January 20, 2017.
- 2015-2016, Professor of the "Regional Economic Planning", Master's Degree in Applied Economics and Master's in Regional Development, El Colegio de la Frontera Norte,, August 17, 2015-12-12, 2016 (36 hours).
- 2015, Professor of “Organizations Theories”, Master Program in Master of Integral Management of the Environment, 09 febrero-26 de junio (15 horas).
- 2014, Professor of School of Public Affairs in San Diego State University (SDSU), PA 580 Comparative Public Administration Between Mexico and Brazil (45 hours).
- 2013, course "Taller de Tesis de la especialidad de territorio y restructuración productiva" / Thesis course on the specialty on productive systems, in la Maestría en Desarrollo Regional / the Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., September-December, (30 hours).
- 2013, Professor of the "Specialization Workshop", Masters in Regional Development, El Colegio de la Frontera Norte, August 12, 2013 to January 31, 2014 (30 hours).
- 2013, Professor of School of Public Affairs in SDSU, Planning and Public Policy in the US Border Region, August 26 to December 18 (40 hours).
- 2013, “ Planning and public policy in the US-Mexico border región”, School of Public Affairs, SDSU, Fall.
- 2012, course “Relaciones transfronterizas en una perspectiva comparada”/ Trans-border relations in a comparative perspective, Master Erasmus Mundus, Urban studies in Mediterranean regions (EURMed), Seville University, Madrid, España, May-June, (15 hours).
- 2009, course “Globalización y Sociedad del Conocimiento” / Globalization and a society of knowledge, Maestría en Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., February 03- 29 May (30 hours).
- 2007, course "Taller de Tesis de la especialidad de territorio y restructuración productiva" / Thesis course on the specialty on territory and productive restructuring, in la Maestría en Desarrollo Regional / the Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., May-December, (30 hours).
- 2007, course "Thesis Seminar" jointly with professor Jim Gerber, for the Master's in Latin-American Studies, San Diego State University, San Diego, CA, September 10th-10th of December.

- 2007, course: “Globalización y sociedad del conocimiento” /Globalization and society of knowledge, Programa de Maestría en Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., February-May, (22 hours).
- 2006, course "Taller de Tesis de la especialidad de territorio y restructuración productiva"/ Thesis workshop on the specialty on territory and productive restructuring, Programa de Maestría en Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., April-July, (30 hours)
- 2005, course “Políticas públicas y desarrollo regional”/ Public policies and regional development, Programa de Maestría en Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., January-March, (22 hours).
- 2003, course “Espacio y sociedad” /Space and society, Programa de Maestría en Desarrollo Regional/ Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., January-March (40 hours).
- 2003, course “Teorías de la intervención del estado/ Theories of state intervention, Programa de Maestría en Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., July –August (40 hours).
- 2001, course “Empresas y actores sociales / “Enterprises and social actors”, Programa de Maestría en Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B. C., April – June (30 hours).
- 2001, course “Teorías de la intervención económica del estado”/ Theories of economic intervention of the state, Programa de Maestría en Desarrollo Regional/ Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., January – March (40 hours).
- 2000, course “Empresas y territorio”/ Enterprises and territory, Programa de Maestría en Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., May–June, (30 hours).
- 1999-1998, course “Teorías de la intervención económica del estado”/ Theories of economic intervention of the state, Programa de Maestría en Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., December-January (20 hours).
- 1998, course “Desarrollo económico II” / Economic development II, Maestría en Economía Aplicada / Master's Program in Applied Economy, El Colegio de la Frontera Norte, Tijuana, B.C., January – March, (30 hours).
- 1997, course “Desarrollo económico”/ Economic development, Maestría en Economía Aplicada / Master's Program in Applied Economy, El Colegio de la Frontera Norte, Tijuana, B.C., June – September, (30 hours).
- 1989, course “Seminario sobre la industria maquiladora de exportación”/ Seminar on the maquiladora export industry”, Maestría en Desarrollo Regional / Master's Program in Regional Development Program, El Colegio de la Frontera Norte, Tijuana, B.C., October, (12 hours).
- 1988, course “Seminario sobre la maquiladora y la actividad económica”/ Seminar on the maquiladora (assembly plant) and the economic activity, Programa de Maestría en

Desarrollo Regional / Master's Program in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., October, (12 hours).

Other Courses

- 2011, course in the “Diplomado virtual en políticas públicas y desarrollo local en la región fronteriza México-Estados Unidos”/ Virtual course in public policies and local development in the US-Mexico border region, El Colegio de la Frontera Norte, Tijuana, B.C., October 17-21, (15 horas).
- 2007, course “Diplomado en seguridad y desarrollo”/ Seminar on security and development, El Colegio de la Frontera Norte, Tijuana, B.C., October 13-18, (16 hours).
- 1986, course “Administración I” / Administration I, Escuela de Contabilidad y Administración, Universidad Autónoma de Baja California, UABC, Tijuana, B.C., January–July.
- 1984-1983, courses “Economía” / Economy, “Metodología de la investigación”/ Methodology of Research, Escuela Preparatoria Lázaro Cárdenas, Tijuana, B.C., September–June.

Supervision and Examining at the doctoral Program level

- 2010-2016, Juan Moisés Treviño Ventura, "The economic opening and its effects on the aggregate and segmented demand of automobiles in Mexico", Doctorate in Social Sciences with Specialty in Regional Studies, The College of the North Border, Tijuana, Obtainment of degree : August 27, 2010.
- 2012, Committee Member of PhD Thesis of Carmen Rodríguez Carrillo, "Los procesos de aprendizaje en el Sistema regional de Innovación en Baja California: El rol del gobierno, las instituciones de conocimiento y las empresas subsidiarias" / The learning processes in the regional system of innovation: the rol of government, knowledge institutions, and subsidiary companies, Doctorado en Ciencias Sociales de la Universidad de Guadalajara, Guadalajara, Jalisco, January.
- 2010-2006, Director and Committee Thesis Member, “La Apertura Económica y sus Efectos sobre la Demanda Agregada y Segmentada de Automóviles en México”/ “The economic Openness and their effects over the aggregate and segmented demand of automobiles in Mexico ”, Student Juan Moisés Treviño Ventura, Ph.D. Program in Social Sciences of El Colegio de la Frontera Norte, Tijuana, B.C., 2006-2010.
- 2010, Committee Thesis Member of Rosa Ma. García Almada, “Liberalización comercial, descentralización territorial y polarización económica en México 1980-2004 / Commercial liberalization, territorial decentralization and economic polarization in

Mexico, 1980-2004, PhD Program in Social Sciences with an emphasis in Regional studies, El Colegio de la Frontera Norte, Tijuana, B.C., August 17th.

- 2007, Committee Thesis Member of Bernardo Jaén, "El Impacto de las Empresas transnacionales en el origen y escalamiento del cluster de la electrónica en la region metropolitana de Guadalajara"/ The impact of transnational enterprises in the origination and upgrading of the electronics cluster in the metropolitan region of Guadalajara, PhD Program in Social Sciences, Universidad de Guadalajara, Guadalajara, Jalisco, June.

Supervision and Examining at the Master Program level

- 2014-2016, Isidro Hernández Salazar, "Economic liberalization policies in export horticulture (1980-2014). Effects on the socioeconomic development of two regions of Mexico and Morocco (San Quintín and Loukkos) ", Masters in Regional Development, The North Border College, Tijuana.
- 2012-2014, Hugo Enrique Aguilar, "Transboundary Planning and Urban Integration in the Tijuana-San Diego Region", Master's Degree in Regional Development, The Northern Border College, Tijuana, graduating degree: August 29, 2014.
- 2014, Cordón Moreno Ainhoa, "The Environmental Performance of Multiple Banking in Baja California: Building an Environmental Management System (SGA)", Master's Degree in Integral Environmental Management, 2012-2014 promotion, The North Border College, Tijuana, obtaining of degree: 03 of November of 2014.
- 2012, Guillermo Adrián Hernández Álvarez, "Desarrollo productivo local en la region de Sombrerete, Zacatecas 1990-2005"/ "Local productive development in the region Sombrerete, Zacatecas: 1990-2005", Master's in Regional Development, The College of the Northern Border, Tijuana, degree obtained: August 24, 2012.
- 2009, Director of Thesis and Committee Thesis Member of Marcela Virginia Martínez Muñoz, "Externalidades Dinámicas en México y Marruecos: la frontera norte de México y la región Tanger –Casa Blanca" / Dynamic externalities in Mexico and Morocco: The Northern border of Mexico and the Tanger-Casa Blanca, Maestría en Economía Aplicada / Master's in Applied Economics, El Colegio de la Frontera Norte, Tijuana, B. C. July 6.
- 2008, Director of Thesis and Committee Thesis Member of Minerva Celaya Tentori, " la vinculación para la creación del conocimiento entre las instituciones de educación superior y centros de investigación y el sector industrial en Baja California" / The linkages to create knowledge between the superior educational institutions and research centers and the industrial sector in Baja California, Master's Degree in Regional Development, El Colegio de la Frontera Norte, Tijuana, B. C. August 21.
- 2006, Director of Thesis and Committee Thesis Member of Héctor Edgar Buenrostro, " Las Instituciones y su Función Puente en el Cluster del Software en Aguascalientes; Formación de Capacidades de Innovación y Competitividad"/ The institutions and their bridge function in the software cluster in Aguascalientes: formation of capacities for innovation and competitiveness, Master's Degree in Regional Development, El Colegio de la Frontera Norte, Tijuana, B.C., July.

- 2002 Juan Carlos Rodríguez Macías, “El ahorro interno: análisis y perspectivas dentro de la economía nacional”/ "Domestic Savings: analysis and perspectives within the national economy", Master's Degree in Applied Economy, El Colegio de la Frontera Norte, Tijuana, August .
- 1992. Viveros G. Rocío, “La industria de transformación y sus ventajas competitivas. Estudio comparativo Tijuana-Mexicali”/”The manufacturing industry and its competitive advantages: comparative study of Tijuana-Mexicali”, Master's Degree in Applied Economy, El Colegio de la Frontera Norte, July.

Professional Affiliations

- 2013-2003, SASE, Society for the Advancement of the Socio-Economics.
- 2013-2001, LASA, Latinoamerican Studies Association.
- 2013-1998, Estudios del Trabajo.
- COMEXUS, Comisión para la Educación México-Estados Unidos
- Fullbright Association, Ex-becaria

Union Labor participation

- 2015-2014 Secretary of Organization of the Union of Researchers and Professors of the Colef.
- 2004-2002 Secretary of Organization of the Union of Researchers and Professors of the Colef.
- 2000-1998 Secretary of Organization of the Union of Researchers and Professors of the Colef.