Osvaldo Muñiz Solari, Ph.D.

Professor
Department of Geography & Environmental Studies
Texas State University
(January, 2026)

Texas State University
Evans Liberal Arts # 359
601 University Drive
San Marcos, Texas 78666

Phone: 512.245.0375
Fax: 512.245.1653
E-Mail o.muniz@txstate.edu

RESEARCH INTERESTS

Population Flows, Geographical Mobility; Transportation, Regional Networks; Learning Strategies in Geography Education

EDUCATION

Institution	*Area of study*	*Degree & Year*
The University of Tennessee, Knoxville Department of Geography	Geography	Ph.D., 1991
Michigan State University, East Lansing Department of Geography	Geography	M.A., 1981
Universidad del Norte, Antofagasta, Chile Departamento de Ciencias Sociales	Ped. in History & Geography	B.A. 1972

ACADEMIC EXPERIENCE

Position	*Higher Education Institution*
2011-present *Professor (tenure), Department of Geography**	**Texas State University**, San Marcos, Texas
2014-2016 *International Part-time Professor*	**East China Normal University**, Shanghai
2006-2010 *Associate Professor, Department of Geography*	**Texas State University**, San Marcos, Texas
2001-2006 *Professor, Department of Social Sciences*	**Universidad de La Serena**, La Serena, Chile
1993-1995 *Professor of Geology, Department of Forestry*	**UNICIT**, Santiago, Chile

*Department of Geography & Environmental Studies (since 2022)

1974-1984
Associate Professor, Department of Geosciences **Universidad del Norte**, Antofagasta, Chile

1971-1974
Assistant Professor, Department of Social Sciences **Universidad del Norte**, Antofagasta, Chile

PROFESSIONAL EXPERIENCE

Position ***Institution***

2007-2024
Grosvenor Center for Geographic Education
Associate Director **Texas State University**, San Marcos, Texas

2001-2006
Master Program, Department of Social Sciences
Director **Universidad de La Serena**, La Serena, Chile

1998-2000
Office of Research and Technical Cooperation
Director **Universidad Católica del Norte**, Antofagasta

1996-1998
Office for Academic Affairs
Vice Chancellor **Universidad de Temuco**, Temuco, Chile

1995-1996
Department of Environmental Engineering
Chief **Electrowatt Ingenieros + Consultores**, Chile

1993-1995
Office of Planning
Vice Chancellor **UNICIT**, Santiago, Chile

1978
Department of Geography
Director **Universidad del Norte**, Antofagasta, Chile

1972
Department of History & Geography
Director **Universidad del Norte**, Antofagasta, Chile

PUBLICATIONS

Books

1. **Muñiz Solari, Osvaldo,** Schrüfer, Gabriele (eds.) 2023. Understanding Sustainability with Pedagogical Practice – A contribution from geography education towards sustainability. Advances in Geographical and Environmental Sciences Series, Springer-Japan.

2. Sepúlveda S., Ulises, Maturana Miranda, Francisco, **Muñiz Solari, Osvaldo**, Palomino Schalscha, Marcela (eds.) 2022. *Geografía Contemporánea. Pensar y Hacer desde los* Territorios (Tomo I). uah/Ediciones Universidad Alberto Hurtado, Santiago, Chile.

3. Sepúlveda S., Ulises, Maturana Miranda, Francisco, **Muñiz Solari, Osvaldo**, Palomino Schalscha, Marcela (eds.) 2022. *Geografía en la Universidad y en la Escuela. Aprendizajes y Pensamiento Crítico* (Tomo II). uah/Ediciones Universidad Alberto Hurtado, Santiago, Chile.

4. **Muñiz Solari, Osvaldo**, Solem, Michael, Boehm, Richard (eds.) 2017. *Learning Progressions in Geography Education - International Perspectives.* National Center for Research in Geography Education. Springer.

5. **Muñiz Solari, Osvaldo**, Demirci, Ali, Van der Schee, Joop (eds.) 2015. *Geospatial Technologies and Geography Education in a Changing World*. International Geographical Union- Commission on Geographical Education (IGU-CGE), (IGU). Springer-Japan.

6. **Muñiz Solari, Osvaldo**, Boehm, Richard (eds.) 2009. *Geography Education. Pan American Perspectives.* Peer Reviewed work. A Volume in the International Geography Education Series (IGES), Grosvenor Center for Geographic Education, Austin: Allen Griffith.

7. **Muñiz Solari, Osvaldo**.1986. *Transporte y Comunicaciones*. Colección Geografía de Chile. Volumen XIII. Santiago: Instituto Geográfico Militar.

Chapters in Books

1. **Muñiz Solari, O.** 2023. *Recontextualizing Sustainability: Regulative and Instructional Discourses.* In Osvaldo Muñiz Solari, Gabriele Schrüfer (eds.) Understanding Sustainability with Pedagogical Practice – A contribution from geography education towards sustainability. Springer-Japan. Pages 3-14.

2. **Muñiz Solari, O.,** Schrüfer, G. *Opportunities and Challenges in Geography Education to Practice Sustainability Education.* In Osvaldo Muñiz Solari, Gabriele Schrüfer (eds.) Understanding Sustainability with Pedagogical Practice – A contribution from geography education towards sustainability. Springer-Japan. Pages 185-189.

3. **Muñiz Solari, O.** 2022. *La Educación Geográfica es una Responsabilidad Global. Es todo Acerca de la Tierra.* In Ovidio Delgado, Jorge Zapata (eds.) El Oficio del Geógrafo: Festschrift en Honor del Profesor Hector F. Rucinque, Pionero de la Geografia Universitaria en Colombia, Sociedad Geográfica de Colombia, Bogotá. Pages 377-396.

4. **Muñiz Solari, O.** 2022. *El Modelo de Aprendizaje Combinado (MAC) para la Resolución de Problemas Geográficos.* In Ulises Sepúlveda S., Francisco Maturana Miranda, Osvaldo Muñiz Solari, Marcela Palomino Schalscha (eds.) Geografía en la Universidad y en la Escuela. Aprendizajes y Pensamiento Crítico. uah/Ediciones Universidad Alberto Hurtado. Pages 81-103.

5. **Muñiz Solari, O.** 2021. *Practicing Powerful Geographical Knowledge to Understand Interdependence*. Chapter 8. In Mary Fargher, David Mitchell, Emma Till (eds.) Recontextualising Geography in Education. Springer. Pages 109 - 128. https://doi.org/10.1007/978-3-030-73722-1_8

6. **Muñiz Solari, O**., Jiang, L. 2019. *The Shanghai Model for Global Geography Education.* Part II – Asian Case Studies: Chapter 7. In Javier Calvo de Mora, Kerry J. Kennedy (eds.) Schools and Informal

Learning in a Knowledge-based World. Asia-Europe Education Dialogue. New York: Routledge. Pages 99 - 118.

7. **Muñiz Solari, O.** 2018. *Preparing Global Citizens in the United States.* In Ali Demirci, Sarah Bednarz, Rafael de Miguel González (eds.) Geography Education for Global Understanding. International Geographical Union- Commission on Geographical Education (IGU-CGE), (IGU). Springer. Pages 205 – 213. https://doi.org/10.1007/978-3-319-77216-5_17

8. **Muñiz Solari, O**., Crenshaw, M. 2015. *Practice of Geospatial Technologies in Informal Learning*. Chapter 8. In Osvaldo Muñiz-Solari, Ali Demirci and Joop Van der Schee (eds.) 2015. Geospatial Technologies and Geography Education in a Changing World. International Geographical Union-Commission on Geographical Education (IGU-CGE), (IGU). Springer-Japan. Pages 89-102

9. Jo, I., **Muñiz Solari, O**., 2015. *An Agenda of Geospatial Technology in Geography Education for the Future*. Chapter 17. In Osvaldo Muñiz-Solari, Ali Demirci and Joop Van der Schee (eds.) 2015. Geospatial Technologies and Geography Education in a Changing World. International Geographical Union- Commission on Geographical Education (IGU-CGE), (IGU). Springer-Japan. Pages 205-221

10. **Muñiz-Solari, O.**, Brysch, C. 2013. *Visioning their Future as Citizens of the United States of America and the World*. Chapter 11. In Margaret Robertson and Sirpa Tani (eds.) 2013. Young People: Cross Cultural Views and Futures. ACER-Australian Council for Educational Research. Pages 181-198

11. Cortes-Quezada, X., **Muñiz-Solari, O.** 2013. *Chilean Young Students Visioning their Future*. Chapter 3. In Margaret Robertson and Sirpa Tani (eds.) 2013. Young People: Cross Cultural Views and Futures. ACER-Australian Council for Educational Research. Pages 34-53

12. Quiroz-Posada, R., **Muñiz-Solari, O**. 2013. *Young Students Visioning their Future as Citizens of Colombia*. Chapter 4. In Margaret Robertson and Sirpa Tani (eds.) 2013. Young People: Cross Cultural Views and Futures. ACER-Australian Council for Educational Research. Pages 54-71

13. **Muniz-Solari, O**., Moreira-Riveros, G. 2011. *GIS and the Reduction of the Digital Divide in the Pan-American World*. Chapter 5. In Andrew Milson, Ali Demirci, and Joseph Kerski (eds.) 2011. International Perspectives on Teaching and Learning with GIS in Secondary Schools. Dordrecht: Springer. Pages 49-58

14. Pawson E., Fournier, E., Haigh, M., **Muniz, O.,** Trafford, J., Vajozki, S. 2010. *Problem–based Learning in Geography: Towards a Critical Assessment of its Purposes, Benefits and Risks. (Section B. Engaging student in inquiry).* In Mick Healey, Eric Pawson and Michael Solem (eds.), Active Learning and Student Engagement, International Perspectives and Practices in Geography in Higher Education. London & New York: Routledge Taylor & Francis. Pages 58-71

15. **Muñiz-Solari, O**. 2009. *Geography Education: 'The North' and 'The South'*. Part I. In Osvaldo Muñiz-Solari, Richard G. Boehm (eds.), Geography Education. Pan American Perspectives. A Volume in the International Geography Education Series, Grosvenor Center for Geographic Education, Texas State University. Pages 1-33

16. **Muñiz, Osvaldo**. 2004. *School Geography in Chile*. In Ashley Kent, Eleanor Rawling, Alastair Robinson (eds.) 2004. Geographical Education: Expanding Horizons in a Shrinking World. Geographical Education Commission. International Geographical Union, Glasgow: Scottish Association of Geography Teachers. Pages 177-180

Refereed Journal Articles

1. Muniz-Solari, O. Instructional discourse in geography in the face of regulatory discourse. Uni-Pluriversidad, 25(1). 01-xx https://doi.org/10.17533/udea.unipluri.362470 (Spanish). 2025. In Press.

2. Thao Phuong Nguyen, Tuan Thai Hoang, Thach Quang Trinh, **Osvaldo Muñiz Solari**, Anh Ngoc Nguyen, and Gabriele Schrüfer. Beyond perception. Do pre-service geography teachers understand education for sustainable development? International Research in Geographical and Environmental Education, online. 23 Oct. 2024. https://doi.org/10.1080/10382046.2024.2417501

3. Linh Tu Nguyen, Ahn Ngoc Nguyen; **Osvaldo Muniz Solari**, and Thao Phuong Nguyen. Exploring geography teachers' perceptions towards spatial thinking in Vietnam. International Research in Geographical and Environmental Education, online. 22 Dec. 2023. DOI: 10.1080/10382046.2023.2298071

4. **Muñiz Solari, Osvaldo**. Networking through Online Geographic Learning: A Pan American Experience. *Revista Geográfica. IPGH-PAIGH,* 2019 [Published May 25, 2020], 160: 149-172. https://doi.org/10.35424/regeo.160.2019.750 https://revistasipgh.org/index.php/regeo/article/view/750/883

5. Nguyen, Ngoc-Anh; **Muniz-Solari, Osvaldo**; Dang, Dung Tien; and Nguyen, Thao Phuong. Reviewing Spatial Thinking in Geography Textbooks Questions from the Perspective of Spatial Thinking. *IOP Conference Series: Earth and Environmental Science*, 2019, 338, 012042 https://iopscience.iop.org/article/10.1088/1755-1315/338/1/012042

6. Jiang, Lianfei; Duan, Yushan; **Muniz Solari, Osvaldo**; Li, Wentian; Gong, Qian; and Zhou, Weiguo. A Study of Transnational E-Learning by Collaboration. *China Academic Journal. CNKI.net*, 2018, 6:96-102. [Chinese] 跨国在线协作学习模式研究 http://oversea.cnki.net/kns55/brief/result.aspx?dbPrefix=CJFD&Flg=local

7. **Muñiz Solari, Osvaldo**. Geography Education is a Global Responsibility. It is all about the Earth. *Turkish Journal of Geography Education*, 2015, 1(1):14-20 https://gato-docs.its.txstate.edu/jcr:540719d9-c002-47a3-902b-31eb622b2cf3/Muniz_1_1_3_munizsolari.pdf

8. **Muñiz-Solari, Osvaldo**. The Center for Global Geography Education's Case Studies: Invitation for Interaction. *The Geography Teacher,* 2013, 42-47. Routledge https://www.tandfonline.com/doi/abs/10.1080/19338341.2013.787943

9. Golightly, Aubrey; **Muniz, Osvaldo A**. Are South African Geography education students ready for problem-based learning? *Journal of Geography in Higher Education*, 2013, 1-24. Online http://dx.doi.org/10.1080/03098265.2013.794332

10. Ray, Waverly; **Osvaldo Muñiz-Solari**; Phil Klein; and Michael Solem. Effective Online Practices for International Learning Collaborations. *Review of International Geographical Education Online. RIGEO*. 2012, 2(1): 25-42. http://rigeo.org/vol-2-no-2.html

11. **Muñiz-Solari, Osvaldo**. Cohesión Social y Redes Dinámicas en Educación Geográfica. *Uni-Pluri/Versidad.* Universidad de Antioquia. Special Edition. 2010, 10(3): 17-26 https://revistas.udea.edu.co/index.php/unip/article/view/9563/8805

12. **Muniz-Solari, Osvaldo**. Learning Objects in Geography Education in the Tropics: A Technological Change. *GeoTrópico*. An Open Access Online Journal. March 2010, 1: 1-10. http://www.geotropico.org/NS_1.html

13. **Muñiz-Solari, Osvaldo**. Educación Geográfica Internacional por Aprendizaje Virtual. *Apertura*. Online Journal. April 2009, 9(10): 90-103. http://www.udgvirtual.udg.mx/apertura/num10/pdfs/Articulo%208.pdf

14. **Muñiz-Solari, Osvaldo**; Christine Coats. Integrated Networks: National and International Online Experiences, *International Review of Research in Open and Distance Learning*. Online Journal. February 2009. 10(1): 1-19 http://www.irrodl.org/index.php/irrodl/article/view/609/1166

15. Pawson, Eric; Eric Fournier; Martin Haigh; **Osvaldo Muniz**; and Susan Vajoczki. Assessing the Uses and Value of PBL in Geography. *Academic Exchange Quarterly*. Spring 2008, 12(1): 205-211

16. **Muñiz-Solari, Osvaldo**. Cartografía de redes y mapas de flujos: Educación geográfica más eficiente. *Revista Cartográfica*, *Instituto Panamericano de Geografía e Historia*, IPGH - Organization of American States, January-December 2007, 83: 37-60 https://comisiones.ipgh.org/CARTOGRAFIA/rca/RCA83_Digital.pdf

17. Pawson, Eric, Eric Fournier, Martin Haigh, **Osvaldo Muniz**, Julie Trafford and Susan Vajoczki. Problem-based learning in geography: towards a critical assessment of its purposes and risks. *Journal of Geography in Higher Education*, 2006, 30(1): 103-116 https://www.tandfonline.com/doi/full/10.1080/03098260500499709

18. **Muniz, Osvaldo** (contributing author). Cognition and learning in Geographic Education: A research agenda. *Research in Geographic Education*, 2005, 7: 21-31 https://rge.grosvenor.txstate.edu/Issues/Volume-7.html

19. **Muñiz-Solari, Osvaldo**. Aprendizaje basado en problemas (ABP): Beneficios y riesgos. *GeoTrópico*. 2005, 2(2): 51-60. An Open Access online journal: http://www.geotropico.org/2_2_Muniz-Solari.html

20. **Muniz Solari, Osvaldo**. Ciclicidad geoeconómica de La Serena y su futuro en el mundo global. *Actas Americanas*, 2004, 11(12): 79-97

21. **Muñiz Solari, Osvaldo**. Redes de conocimiento científico: Circuitos de nuevo poder en Chile. Estudio comparativo entre la IIª y IXª Región, *Revista de Ciencias Sociales*, 2003, 5(2): 149-172

22. **Muñiz-Solari, Osvaldo**. Modelo de localización óptima en una red de estructura de transporte, *Informativo Geográfico*, 1982, 83(1): 7-14

23. **Muñiz-Solari, Osvaldo**. Una revisión del modelo de gravedad y sus aplicaciones a flujos interurbanos, *Terra Australis*, 1982, 26(2): 67-78

Non-Refereed Journal Articles

1. Muñiz Solari, Osvaldo. Educación sísmica en Chile, *Norte* 3(3): 45-53. 2000

2. Muñiz-Solari, Osvaldo and Vladimir Misetic. 1999. Perfiles de inversiones turísticas en la Región de Antofagasta, *Sernatur*, (1): 12-28

3. Muñiz-Solari, Osvaldo. 1985. Generación de viajes en Antofagasta: Un estudio de transporte público, *Geografía -UN* ,11(2): 125-134

4. Muñiz-Solari, Osvaldo. 1983. Accesibilidad regional y variación de eficiencia en una red de transporte interurbano, *Geografía -UN*, 9(1). 82-11

5. Muñiz-Solari, Osvaldo. 1982. Análisis factorial aplicado a geografía, *Geografía -UN*, 8(1): 55- 94

Refereed Proceedings

1. Muniz-Solari, Osvaldo. 2010. Cohesión social y redes dinámicas en educación geográfica. Convención Nacional de Educación Geográfica y III^{er} Encuentro de Experiencias Significativas en la Enseñanza de la Geografía y las Ciencias Sociales. Association of Colombian Geographers (ACOGE) – Universidad de Antioquia, Medellin, Colombia. September 29, 30 – October 1. ISBN: 978-958-8709-22-2
https://revistas.udea.edu.co/index.php/unip/article/view/9563/8805

2. Muñiz, Osvaldo; Angela Wranic. 2008. Composite Learning Objects in Geographical Sciences: Experience from On-line Collaboration. *Tercera Conferencia Latinoamericana de Tecnología de Objetos de Aprendizaje, LACLO* ISBN 978-970-728-067-0. Pages 205-210
https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.525.7281&rep=rep1&type=pdf

3. Thomas, Robert and Osvaldo Muniz. 1980. Population research in Latin America, Geographic Research on Latin America: Benchmark – CLAG, Muncie, Indiana. Edited by Martinson, Tom and Gary Elbow, 8(1): 12-24
https://clagscholar.org/wp-content/uploads/2014/04/thomasmuniz.pdf

Non-Refereed Proceedings

1. Klein, Phil, Osvaldo Muniz, Waverly Ray, and Michael Solem. 2009. Center for Global Geography Education: Designing materials for enhancing spatial thinking about global issues. *The New Geography*, Commission on Geographical Education Tsukuba Conference, Tsukuba, Japan. Edited by Yoshiyasu Ida, Shunsuke Ike, Koji Ohnishi, and Takashi Shimura, 57: 100-103

2. Muñiz, Osvaldo. 2006. *Un nuevo desarrollo tecnológico en Educación Geográfica. XXVII Congreso Nacional y XII International de Geografía. Sociedad Chilena de Ciencias Geográficas.* Concepción, Chile. October 17-2

3. Muñiz, Osvaldo. 2006. *Red de conocimiento científico en Chile: Evidencias de sinergia regional. IV Reunión Nacional de Estudios Regionales.* Antofagasta, Chile. October 12-13

4. Muñiz, Osvaldo. 2001. Innovaciones tecnológicas y redes de conocimiento científico aplicado: circuitos de poder en Chile. XXII Congreso Nacional y VII International de Geografía. Sociedad Chilena de Ciencias Geográficas. Talca, Chile

5. Muñiz, Osvaldo. 2000. Descentralización y unicidad regional en Chile. XXI Congreso Nacional y VI International de Geografía. Sociedad Chilena de Ciencias Geográficas. Temuco, Chile

6. Muñiz, Osvaldo. 1998. *La urgencia de una interacción eficiente entre las universidades regionales. IV Encuentro Nacional. Programa Universidades-Gobiernos Regionales.* Valdivia, Chile, October 29-30

Published Abstracts

1. Muniz-Solari, Osvaldo. 2019. Enhancing Interdependence with Powerful Geographical Knowledge, Recontextualising Geography, Geography Education Conference. IGU-CGE/UCL. Institute of Education, London, U.K, April 15-17

2. Muniz, Osvaldo. 2015. The Shanghai Model for Online Geography Education, Regional Conference of the International Geographical Union (IGU), Moscow, Russia, August 17-21

3. Muniz, Osvaldo. 2015. Crowd-Collaborative Geography Communities: A New Model in Geography Education, Regional Conference of the International Geographical Union (IGU), Moscow, Russia, August 17-21

4. Muniz Solari, Osvaldo. 2014. International Consulting Work. A Learning Experience: The Tapajos Basin Project of Brazilian Amazonia, Conference of Latin Americanist Geographers (CLAG), Panama City, Panama, January 7-11

5. Muniz, Osvaldo. 2011. Cyberinfrastructure and Networking in Geographic Knowledge. *International Geographical Union, IGU-Regional Conference*, Santiago, Chile. November 13-16

6. Muniz, Osvaldo. 2011. Virtual Flow 2: New Exploration about Networking in Geography Education. *107th AAG Annual Meeting. Association of American Geographers.* Seattle WA, April 12-16

7. Muniz, Osvaldo. 2010. Latin American Cyberspace: From VirtualFlow-1 to VirtualFlow-2. *106th AAG Annual Meeting. Association of American Geographers.* Washington DC, April 14-18

8. Muniz, Osvaldo. 2009. Geographical Education and the Digital Divide in the Pan American World. *Annual Research Forum*, British Sub-Committee of the International Geographical Union (IGU). Commission on Geographical Education "Learning from International Perspectives on Geographical Education," Institute of Education, University of London, October 17

9. Muniz, Osvaldo. 2009. Global Learning: Migration and Global Economy. AAG Center for Global Geography Education, *National Council for Geographic Education. NCGE Meeting*. San Juan, Puerto Rico, September 23-27

10. Muniz, Osvaldo. 2009. Flow Maps: Efficient Informal Geography Education. *GeoSummit*, Grosvenor Center for Geographic Education, San Marcos, Texas, May 27-30

11. Muniz, Osvaldo. 2008. Learning Geography: A Virtual World for Rural Schools in the Andes. *SWAAG Conference*. San Marcos, Texas, October 22-24

12. Muniz, Osvaldo. 2007. Online Geography Education in Latin America. *National Council for Geographic Education. NCGE Meeting*. Oklahoma City. October 18-21

13. Muniz, Osvaldo. 2007. Cyberspace Flow Model of Geographic Knowledge. *103rd AAG Annual Meeting. Association of American Geographers*. San Francisco, California, April 17-21

14. Muniz, Osvaldo. 2006. Chile. Research Trends in Geography and in Geography Education. *Race, Ethnicity, and Place Conference*. Texas State University, San Marcos, Texas

15. Muniz, Osvaldo. 2006. Transnational Corporations in Latin America. *National Council for Geographic Education*. Lake Tahoe, Nevada. October 5-8

16. Muniz, Osvaldo. 2005. Cognition and Geography Education. *3rd International Conference on Research in Geography Education*. Gilbert M. Grosvenor Center for Geographic Education. San Marcos, Texas

17. Muniz, Osvaldo. 2004. Evolution of Scientific Knowledge Networking in Chile. *30th Congress of the International Geographical Union*, Glasgow, Scotland

18. Muniz, Osvaldo. 2004. An Integrated Model of Tourism Development. *100th AAG Annual Meeting. Association of American Geographers*. Philadelphia, Pennsylvania

19. Muniz, Osvaldo. 2003. Internet-based Learning in Geography: The impact of the Language Barrier. *Geo-Nexus: Research in Geographic and Environmental Education*. Gilbert M. Grosvenor Center for Geographic Education. San Marcos, Texas

20. Muniz, Osvaldo. 2002. A Diffusion Model of Scientific Knowledge Networking. *98th AAG Annual Meeting. Association of American Geographers*. Los Angeles, California

21. Muñiz, Osvaldo. 1993. Hidroelectricidad y Difusión de Energía, Brasil. *Primer Congreso Latinoamericano sobre Generación y Transmisión de Energía*. Universidad Católica de Valparaíso, Chile. Universidad del Mar del Plata, Argentina. Viña del Mar, Chile

22. Muñiz, Osvaldo. 1992. SIG para Medir Eficiencia en Energía Rural. *2do. Congreso de Ciencias de la Tierra*. Instituto Geográfico Militar, Santiago, Chile

23. Muñiz, Osvaldo. 1983. Accesibilidad Regional y Variación de Eficiencia en una Red de Transporte. *3º Simposium Internacional sobre Aplicaciones Computacionales*. Universidad del Norte. Antofagasta, Chile

Reports

1. Muñiz, Osvaldo. 2002. Assistance to the scientific and technological development of the Chilean Regions, *CONICYT - Fondef. Scientific and Technological National Commission*, Santiago, Chile. 55 pages

2. Muñiz, Osvaldo. 1992. Rural electrification and innovation diffusion of electrical equipment in Minas Gerais, Brazil. Geographical research to measure effectiveness of the Cemig-Rural Program, 1984 – 1986. *Final Report to the World Bank*, Washington D.C. 102 pages

CONFERENCE/WORKSHOP PRESENTATIONS

Research Presentations

1. Muñiz Solari, Osvaldo A. 2024. Sustainability as a Geographic Core Concept. Is Instructional Discourse Enriching? Southwest American Association of Geographers (SWAAG), Texas State University, San Marcos, October 6-8.

2. Muñiz Solari, Osvaldo A. 2022. Practising Powerful Geographical Knowledge to Understand Interdependence. GTE – Geography Teacher Educators Conference, University of Worcester, United Kingdom, January 28-30.

3. Muñiz Solari, Osvaldo A. 2019. Enhancing Interdependence with Powerful Geographical Knowledge. UCL 0 Institute of Education (I)E), London, United Kingdom, April 15-19.

4. Muñiz Solari, Osvaldo A. 2018. Central American and South American Online Network: A Research Experience to Integrate Geographic Learning. CLAG – 35th Conference of Latin Americanist Geographers, San Jose, Costa Rica, May 20-23.

5. Nguyen, Ngoc Anh; **Muniz-Solari, Osvaldo**; Dang, Dung Tien; Nguyen, Thao Phoung, 2017. Reviewing Spatial Thinking in Geography Textbooks Questions from the Perspective of Spatial Thinking. *SEAGA – The 13th Southeast Asian Geography Association,* November 28 – December 1.

6. Cascante, Alejandro, **Muniz, Osvaldo**. 2017. Multi-Efficient Strategy to Enhance Platforms for Online Geography Education. *SWAAG - Southwest American Association of Geographers.* Huntsville, Texas, October 25-28.

7. Muniz, Osvaldo; Jiang, Lianfei. 2016. The Shanghai Model for Online Geography Education, *112th AAG Annual Meeting. American Association of Geographers*. San Francisco, California, March 29-April 2.

8. Muniz-Solari, Osvaldo A. 2015. A Model for Global Geography Education. Paper Session: 3415 - Designing Online Learning Opportunities in Geography (B). April 23. 111th AAG Annual Meeting. Association of American Geographers. Chicago, Illinois, April 21-25.

9. Muniz, Osvaldo. 2012. Using Online Composite Learning Objects in Hybrid Environments, Interactive Short Paper Session: 1516 - Online Teaching and Learning: Effective Strategies in Teaching Geographical Concepts. February 24. *108th AAG Annual Meeting. Association of American Geographers.* New York, February 23-28.

10. Muniz Solari, Osvaldo. 2011. Cyberinfrastructure and Networking in Geographic Knowledge. *International Geographical Union – IGU Regional Conference*, Santiago, Chile, November 14-18.

11. Muniz Solari, Osvaldo. 2010. Keynote Speaker. Cohesión Social y Redes Dinámicas en Educación Geográfica. *Convención Nacional de Educación Geográfica y IIIer Encuentro de Experiencias Significativas en la Enseñanza de la Geografía y las Ciencias Sociales*. *Asociación Colombiana de Geógrafos. ACOGE – Universidad de Antioquia*, Medellin, Colombia. September 29, 30 – October 1.

12. Muniz, Osvaldo. 2009. Global Learning: Migration and Global Economy. FR-13WS -AAG Center for Global Geography Education, Friday 25. *National Council for Geographic Education. NCGE Meeting*. San Juan, Puerto Rico, September 23-27.

13. Muniz, Osvaldo, Wei Li, Yvonne Schleicher. 2009. International Migration in a Globalized World. Paper Session: 4227 – Teaching International Perspectives on Geographic Issues. March 25. *AAG Annual Meeting. Association of American Geographers.* Las Vegas, Nevada, March 23-27.

14. Muniz, Osvaldo, Christine Coats. 2008. National and International On-line Interaction in Geography Education. *104th AAG Annual Meeting. Association of American Geographers.* Boston, Massachusetts, April 15-19.

15. Muniz Solari, Osvaldo. 2007. *La Nueva Universidad Global*. *Geography in the Americas. Collaboration on Research and Education*. La Serena, Chile, May 21-25.

16. Muniz, Osvaldo A. 2007. Cyberspace Flow Model of Geographic Knowledge. 103rd AAG Annual Meeting. Association of American Geographers. San Francisco, California, April 17-21.

17. Muniz Solari, Osvaldo. 2006. Chile. Research Trends in Geography and in Geography Education. *Race, Ethnicity, and Place Conference*. Texas State University, San Marcos, Texas. November 1-4.

18. Muñiz Solari, Osvaldo. 2006. *Un Nuevo Desarrollo Tecnológico en Educación Geográfica*. *XXVII Congreso Nacional y XII Internacional de Geografía*. Concepción, Chile. October 17-20.

19. Muñiz Solari, Osvaldo. 2006. *Red de Conocimiento Científico en Chile: Evidencias de Sinergia Regional. IV Reunión Nacional de Estudios Regionales.* Antofagasta, Chile. October 12-13.

20. Muñiz Solari, Osvaldo. 2006. *Modelo de Localización Optima en Servicio Asistencial*, *XXIII Congreso Nacional y VIII Internacional de Geografía. Sociedad Chilena de Ciencias Geográficas,* Universidad de La Serena, La Serena, Chile. Agosto 14-17.

21. Muñiz Solari, Osvaldo. 1999. Migración Rural Andina en el Norte de Chile. International Workshop: Indigenous Science in the South American Andes. FONDECYT, Universidad de Chile. San Pedro de Atacama, January 7-11.

22. Muñiz Solari, Osvaldo. 1998. Migración Atacameña en los Andes. International Symposium: Ethno-epidemiological Comparison of Andeans and Japanese. Japan-Chile Research Program. San Pedro de Atacama, August 17-19.

23. Muñiz Solari, Osvaldo. 1993. Hidroelectricidad y Difusión de Energía, Brasil. Primer Congreso Latinoamericano sobre Generación y Transmisión de Energía. Universidad Católica de Valparaíso, Chile. Universidad del Mar del Plata, Argentina. Viña del Mar, Chile.

24. Muñiz Solari, Osvaldo. 1983. Accesibilidad Regional y Variación de Eficiencia en una Red de Transporte. . 3º Simposio Internacional sobre Aplicaciones Computacionales. Universidad del Norte. Antofagasta, Chile.

25. Muñiz Solari, Osvaldo. 1977. Migración Andina en el Territorio Chileno. I Seminario Nacional sobre Desertificación. Universidad Católica de Chile. Santiago, Chile.

26. Muñiz Solari, Osvaldo. 1974. Migración y Reclasificación de Población. I Congreso de Zonas Aridas. Mendoza, Argentina.

Keynote Speaker/Invited Speaker

1. Muñiz Solari, Osvaldo. Speaker – Plenary. *Transformational Learning in Geography. Are we really seeking deep knowledge?* Powerful Geography Conference. Grosvenor Ct. for Geographic Education, National Center for Research in Geography Education, Universidad de Costa Rica. San Jose. Costa Rica. November 2018

2. Muñiz Solari, Osvaldo. Keynote Speaker. *Transformational Learning in Geography Education.* International Conference on Geography Education in Vietnam and International Experience. Hanoi National University of Education. Hanoi. Vietnam. August 2018

3. Muñiz, Osvaldo A. Panelist. *Geospatial Technologies and Geography Education in a Changing World*. Panel. 112th AAG Annual Meeting. Association of American Geographers. San Francisco, March-April 2016

4. Muñiz Solari, Osvaldo. Keynote Speaker. *Creación de Capacidades en Tecnologías Geoespaciales.* Primer Encuentro Nacional de Geógrafos Municipalistas, Escuela de Ciencias Geográficas, Universidad Nacional (UNA), Heredia, Costa Rica, November 2015.

5. Muñiz Solari, Osvaldo. Invited Talk. *Geógrafos y Profesores de Geografía: Una Visión integrada de trabajo geográfico*. Escuela de Geografía, Universidad de Costa Rica (UCR). San José, Costa Rica, November 2015.

6. Muñiz, Osvaldo A. Panelist. *Pan-American Partnerships: Working with Higher Education Institutions in Latin America to enrich Research and Education*. Panel. 111th AAG Annual Meeting. Association of American Geographers. Chicago, April 2015

7. Muñiz, Osvaldo A. Invited Panelist. *Working Abroad: International Job Opportunities for Geographers*. Panel. 111th AAG Annual Meeting. Association of American Geographers. Chicago, April 2015

8. Muñiz Solari, Osvaldo. Keynote Speaker. *Geography Education is a Global Responsibility.* China Education Association Professional Committee of Geography Teaching – Comprehensive Academic Conference. Geography Teaching Research Society of China. Tianjin City. People's Republic of China. October 2014

9. Muñiz Solari, Osvaldo. Invited Talk. *Geospatial Technologies in Geography Education.* School of Geographical Sciences. East China Normal University. Shanghai. People's Republic of China. October 2014

10. Muniz, Osvaldo A. Organizer and Chair. Panel Session. *Geospatial Technologies and Geography Education in a Changing World*. Commission on Geographical Education – IGU. 110th AAG Annual Meeting. Association of American Geographers. Tampa, Fl. April 2014

11. Muñiz Solari, Osvaldo. Invited Talk. *Eficiente Manejo Online en Cursos Internacionales de CEPEIGE.* 19th Consulting Meeting. Geography Commission. Pan American Institute of Geography and History (PAIGH), Montevideo, Uruguay, November 2013

12. Muñiz Solari, Osvaldo. Invited Talk. *Learning Methods in Geography.* Colloquium, Escuela de Ciencias Geográficas, Universidad Nacional, Heredia, Costa Rica, August 2012

13. Muñiz Solari, Osvaldo. Invited Talk. Presentation: *Problem-based Learning*, Escuela de Ciencias Geográficas, Universidad Nacional, Heredia, Costa Rica, August 2012

14. Muñiz Solari, Osvaldo. Invited Talk. *Geography, Geographers and Professional Challenges*. Escuela de Ciencias Geográficas, Universidad Nacional, Heredia, Costa Rica, August 2012

15. Muñiz, Osvaldo A. Invited Panelist. International Perspectives on Teaching and Learning with GIS in Secondary Schools. Panel, 108th AAG Meeting, New York, February 2012

16. Muñiz, Osvaldo. Invited Talk. Chile. A Geographic Vision. Department of Finance. Texas State University, San Marcos. Overseas Travel Program. March 31, 2011

17. Muñiz Solari, Osvaldo. Invited Talk. Hablando de Ciudad desde la Educación Geográfica. Main Speaker. 1ª Convención Nacional de Educación Geográfica y IIIer Encuentro de Experiencias Significativas en la Enseñanza de la Geografía y las Ciencias Sociales. Association of Colombian Geographers (ACOGE) – Universidad de Antioquia, Medellin, September-October 2010

18. Muñiz, Osvaldo. Invited Talk. Chile. A Geographic Vision. Department of Finance. Texas State University, San Marcos. Overseas Travel Program. May 2010

19. Muñiz Solari, Osvaldo. Invited Talk. *Ciberespacio, Internet y Etica en Educación Superior*. Departamento de Ciencias Sociales. Invited Guest. Universidad de La Serena, Chile. La Serena, June 2010

20. Muñiz Solari, Osvaldo. Invited Talk. *Nuevos Componentes para Acreditación Universitaria,* Invited Guest, Universidad de La Serena, Chile. La Serena, December 2007

21. Muñiz Solari, Osvaldo. Invited Talk. *Calentamiento Global: Asuntos Geopolíticos*, Universidad de La Serena, Chile. La Serena, May 2007

22. Muñiz, Osvaldo. Invited Talk. TNCs, Global Cities and Migration: A Latin American Perspective, Invited Guest. The Martin Forum, Martin Institute, University of Idaho. Moscow, Idaho. October 2005

23. Muñiz, Osvaldo. Invited Talk. *The New Global University*, Invited Guest. Honors College, Washington State University, Pullman, Washington, October, 2005

24. Muñiz, Osvaldo A. Invited Talk. Geography and Global Education: Principles and Pedagogy. Panel. Participant, 100th AAG Annual Meeting. Association of American Geographers. Philadelphia, Pennsylvania, March 2004

25. Muñiz Solari, Osvaldo. Invited Talk. Instrumentos y Herramientas para el Desarrollo Territorial. Main speaker. Conferencia Interparlamentaria sobre Desarrollo Territorial. Economic Commission for Latin America and the Caribbean (ECLAC) – Senado. República de Chile, Valparaiso, Chile, October 2002

Workshops

1. Muñiz Solari, Osvaldo. Coordinator and Facilitator. "Online Module for International Collaboration." Workshop for graduate students (master and doctoral). School of Geographical Sciences. East China Normal University. Shanghai. People's Republic of China. October 2014

2. *Internationalizing Geography Education: A Focus on Japan.* The AAG Center for Global Geography Education (CGGE). NSF Project, Workshop. Co-organizer with Michael Solem, Phil Klein and Waverly Ray. Association of American Geographers. US-Japan Foundation. The University of Tokyo. September 2012

3. Facilitator. *Pasaporte No Requerido*. The AAG Center for Global Geography Education (CGGE). NSF Project. Workshop. Escuela de Ciencias Geográficas, Universidad Nacional, San José, Costa Rica. August 2012

4. Participant. Technology Integration Workshop. Instructional Technologies Support (ITS), Texas State University, July - August 2012

5. Facilitator. *Internationalizing Geography Education: A Focus on India and South Asia* The AAG Center for Global Geography Education (CGGE). NSF Project, Workshop. Co-organizer with Michael

Solem, Phil Klein and Waverly Ray. Association of American Geographers and The Indian Institute of Geographical Studies, Bangalore, India, March 2012

6. Facilitator. *No Passport Required.* The AAG Center for Global Geography Education (CGGE). NSF Project, Workshop. Co-organizer with Michael Solem and Phil Klein. 107th Annual Meeting, Association of American Geographers, Seattle, Washington. April 2011

7. Coordinator. *Geography in the Americas: Publishing across National, Institutional, and Linguistic Borders*. NSF Project, Workshop. Coordinator with Patricia Solis (AAG). 106th Annual Meeting, Association of American Geographers, Washington, DC. April 2010

8. Facilitator. *Migration and Global Economy Modules.* The AAG Center for Global Geography Education (CGGE). NSF Project, Workshop. Co-organizer with Michael Solem and Phil Klein 106th Annual Meeting, Association of American Geographers, Washington, DC. April 2010

9. Facilitator. *Expanding U.S.-Asia Collaborations in Geography Education.* The AAG Center for Global Geography Education (CGGE). NSF Project, Workshop. Co-organizer with Michael Solem and Phil Klein. Nanyang Technological University, Singapore. March 2010

10. Facilitator. *No Passport Required.* The AAG Center for Global Geography Education (CGGE). NSF Project, Workshop. Co-organizer with Michael Solem and Phil Klein. 105th Annual Meeting, Association of American Geographers, Las Vegas, Nevada. March 2009

11. Co-organizer. *CGGE: Migration and Global Economy.* Organizer: Phil Klein, University of Northern Colorado, National Council for Geographic Education, San Juan, Puerto Rico, September – October, 2009

12. Facilitator. *No Passport Required: Resources for International Learning Collaborations in Geography*. The AAG Center for Global Geography Education (CGGE). NSF Project, Workshop. Co-organizer with Michael Solem and Phil Klein. 104th Annual Meeting, Association of American Geographers, Boston, Massachusetts. April 2008

13. Participant. *Introduction to the Grant Application Management System (GAMS): The Electronic Proposal Administration System Overview*. Office of Professional Development, Texas State University, October 2008

14. Co-organizer. *Expanding Geography Education Networks in the Americas.* The AAG Center for Global Geography Education (CGGE). NSF Project Workshop. Co-organizer with Michael Solem and Phil Klein. GeoAmericas, La Serena, Chile. May 2007

15. Participant. *Pre-Award Services Available to the University Community.* Office of Professional Development, Texas State University, September 2006

16. Problem-based Learning (PBL). Workshop. Participant, Geographic Education. International Network for Learning and Teaching Geography in Higher Education (INLT). The University of Strathclyde. Glasgow, Scotland. August 2004

17. Accreditation Process for Higher Education (Geography). Workshop. Participant. Harvard University, Boston College, Massachusetts Institute of Technology, Northwestern University, Bentley College. Boston, Massachusetts. April 1997

18. International Perspectives for Joint Implementation: A South American Workshop. Participant. Sponsors: D.O.E. and E.P.A. (USA), National Energy Commission and Environmental National Commission (Chile), Santiago, Chile. March 1995

TEACHING AND ADVISING

Teaching

a. ***Texas State University*** (2006 to present)

GEO 5336 Transportation Systems (graduate)

GEO 5317 Regional Analysis, International Consulting in Latin America (graduate)

GEO 5317 Globalization and International Flows (graduate)

GEO 7342/5342 Theories and Methods in Geographic Education (graduate)

GEO 7371 Advanced Seminar in Geographic Education. Online (graduate)

GEO 7371 Advanced Seminar, Learning Objects in Geography-online (graduate)

GEO 5350/7350 Practicum in Teaching Geography

GEO 5309 Geographical Analysis (graduate)

GEO 5317/7370 Global Economy (graduate)

GEO 4393/5317 Global Economy (undergraduate and graduate)

GEO 4393 International Flows (undergraduate)

GEO 3349 Population Geography (undergraduate) Presential and Full Online

GEO 3308 Latin America (undergraduate)

GEO 3301 Research Methods in Geography (undergraduate)

GEO 1310 World Geography (undergraduate) Presential and Full Online

b. ***Universidad de La Serena, Chile*** (2001-2006)

61015 Cartography and Remote Sensing

61033 Geography of Latin America

61000 Online Geography Education

61013 Global Economic Geography

MCG 60010 Economic Models in Geography (graduate)

MCG 20030 Quantitative Methods (graduate)

MCG 10060 Research Design (graduate)

MCG 20140 Territorial Planning Method (graduate)

c. Other universities (1972-2000)

1. Pedagogy in History and Geography: Introduction to Economic Geography, Population Geography, Cartography, Theory and Methods in Geographic Education

2. Geography and Forestry: Cartography and GIS, Demography, Transportation Geography, Quantitative Methods, Geology I and II

Advising

a. Doctoral Students at Texas State University (2006 to present)

1. Dane Atkins. *Mapping Bicycle Level of Service,* 137 pages. May 2022. [**Chair**].

2. Yasmin Turk. *Inside the Mind of the Local Ecotourist: Do Environmental Attitudes and Actions Align?* 65 pages, May 2022. [**Chair**].

3. Alejandro Cascante Campos. *The Adoption of Geospatial Technologies for Teaching Geography at Latin American Universities*, 197 pages, October 2019. [**Chair**].

4. Jinhee Lee. *Learning Progressions on Map Understanding: A Case Study of Elementary Through College Students in Korea,* 166 pages. August 2017. [Committee Member].

5. Angela Wranic. *Composite Learning Objects in Geographical Sciences: A Comparison Study of the Learning Process between a Costa Rica and United States University Classroom*, 202 pages. May 2016. [**Chair**].

6. Carmen Brysch. *Analysis of the Evolution of an Online Professional Development System in Geography Education,* 180 pages. May 2014. [Committee Member].

7. Laura Cano Amaya. *Disaster Resilience to Food Insecurity Metrics: A Case Study in Rural Costa Rica,* 147 pages. July 2014. [**Chair**].

8. Lee Stone. *Self-Emplacement in the Lifeworld: The Geographic Imagination of American Middle Adolescents*, 301 pages. February 2013. [Committee Member].

9. Waverly Ray. *Online International Learning Collaboration: Experiences of Undergraduate Students in Chile, China, and the United States,* 157 pages. December 2012. [**Chair**].

10. Catherine Cooper. *The Incorporation of Standards-based Geography into the Classroom in Maryland Middle School Grades,* 205 pages. May 2011. [Committee Member].

11. Francisco Morales. *Geography's Role in Supporting Non-Traditional, at Risk Student Education for the General Educational Development Credential,* 140 pages. December 2011. [Committee Member].

12. Lara Bryant. *A Methodological Study of a Collaborative Inquiry Model for Teaching Educators to Use Geographic Information System,* 191 pages. May 2010. [**Chair**].

13. Melody Crenshaw. *An Analysis of Geographic Content in the Online Lesson Plans of the National Park Service*, 157 pages. May 2010. [**Chair**].

14. Audrey Mohan. *Teacher Efficacy in Geography: A Mixed Methods Study of Formal and Informal Teacher Education,* 193 pages. May 2009. [Committee Member].

15. Christopher Murr. *Assessing Potential Barriers to the Transmission of Geographic Knowledge to the Visually Impaired*, 131 pages. May 2009. [Committee Member].

b. Doctoral Student at Westfälische Wilhelms-Universität Münster (2017-2019)

1. Nguyen Phuong Thao. *Teaching Geography for Education of Sustainable Development in Vietnam*, November 2019, [Second Advisor]. First Advisor: Prof. Dr. Gabriele Schrüfer. Institute of Didactics in Geography, *Universität Münster*, Münster, Germany.

c. Doctoral Student at East China Normal University, Shanghai, China (2014-2018)

1. Lianfei Jiang. *Geospatial Capacity Building Differentiation: China and the U.S.* 2018. [Committee Member]. Advisor: Dr. Yushan Duan. School of Geographical Sciences, East China Normal University, Shanghai, China.

d. Doctoral Student at Nanyang Technological University, Singapore (2016)

1. Andy Wi Chee Yong. *The Role of Grassroots Organizations in the Mitigation and Adaptation of Climate Change in Singapore*. 2016 [Committee member]
   Advisor: Dr. Chew Hung Chang. National Institute of Education, Nanyang Technological University, Singapore

e. Master Students at Texas State University (2008-2016)

1. Jose Alejandro Cascante Campos. [Geography Education] *An Exploration of Factors Associated to Geography Students and Pre-Service Social Studies Teacher's Conceptions of Geography in Costa Rican Public Universities.* 112 pages. May 2016. [**Chair**].

2. Ana Ugartechea. [Technology] *Assessment of Current ACI 440.2R-08 Design Guidelines and Evaluation of Hoop Strain in FRP Confined Concrete*. July 2014. [Committee Member].

3. Melissa Holmes. [Geography] *Global Economic Linkages Leading Migrants to New Destinations: A Case Study of the Settlement of Chinese Migrants in Texas.* June 2013. [Committee Member].

4. David Parr. [Geography] *Innovation Diffusion in Geographic Information Science Research*, 60 pages, June 2008. [Committee Member].

f. Honor College Student at Texas State University (2015)

1. Rachel Leigh Wilson. *Volunteer Tourism: Cross-Cultural Understanding through the Volunteer Experience*. December 2015. [**Chair**].

GRANTS OR CONTRACTS

1. 2014 – 2015 $10,150

Pan American Institute of Geography and History (PAIGH) – Organization of American States (O.A.S.). Red Online de Aprendizaje Geográfico – REDONLINE-IPGH. Technical Project.
PI: Osvaldo Muñiz Solari; Co-PIs: Graciela Cacace, and María Cristina Pineda

2. 2012 – 2013 $67,620
AAG - Center for Global Geography Education. International Workshop in Tokyo, Japan. U.S-Japan Foundation. Internationalizing Geography Education: A Focus on Japan
PI: Michael Solem; Co-PIs: Osvaldo Muñiz Solari, and Phil Klein

3. 2011 – 2012 $54,384
AAG - Center for Global Geography Education. International Workshop in Bangalore, India Expanding U.S.-South Asia Collaborations in Geography Education. National Science Foundation.
PI: Michael Solem; Co-PIs: Osvaldo Muñiz Solari, and Phil Klein

4. 2010 – 2011 $16,998
Geography Educational Materials Development (GEMDF). An Association of American Geographers Companion Multimedia Educational Website for Understanding the Changing Planet.
PI: Osvaldo Muñiz Solari; Co-PIs: Niem Tu Huynh, Edwin Chow, and Jennifer Jensen

5. 2007 – 2010 $498,373
AAG - Center for Global Geography Education (CGGE) Phase 2. National Science Foundation.
PI: Michael Solem; Co-PIs: Osvaldo Muñiz Solari, and Phil Klein

6. 2003 – 2007 $1,482,167
MECESUP (Enhancement of Quality and Equity in Higher Education), Chilean Government. Research: Enhancement of Quality and Level of Technological Service to Assist Teaching. Project AUS0307
PI: Universidad Austral de Chile; Co-PI: Universidad de La Serena. Area Coordinator (Geography): Osvaldo Muñiz Solari

7. 2004 – 2006 $18,070
E-Learning System for Geography Education. Source: Department of Social Sciences. Faculty of Social Sciences and Economics. Universidad de La Serena, Chile
PI: Osvaldo Muñiz Solari (Area Coordinator). Geography

8. 2001 – 2003 $3,050
DIULS Project (Research Office. University of La Serena, Chile). Award: 0220-2-17. Research: Integrative Model of Tourist Values.
PI: Osvaldo Muñiz Solari

9. 1999 – 2000 $9,250
FNDR Project (National Fund for Regional Development. National Tourist Service. SERNATUR). Award ID No: 20109094. Research: Profiles of Tourist Investments in the Region of Antofagasta. Chile.
PI: Osvaldo Muñiz Solari

10. 1987 – 1988 $24,000
OAS-PAIGH Project (Organization of American States – Pan American Institute of Geography and History). International Course: Regional Planning for Latin American Countries. Uberlândia, Minas Gerais, Brazil.
PI: Osvaldo Muñiz Solari

11. 1985 – 1986 $2,650
Instituto Geográfico Militar (IGM). Project: Colección Geografía de Chile. Volumen XIII: Transporte y Comunicaciones, Santiago, Chile
PI: Osvaldo Muñiz Solari

FELLOWSHIPS, AWARDS, HONORS

1. Honorary Professor of International Studies. Center for International Studies, Texas State University-San Marcos, 2012 – present

2. International Part-time Professor of Geography. School of Geographical Sciences, East China Normal University. Shanghai, People's Republic of China, October 2014 – September 2016

3. Travel Award for International Geographical Union – IGU Regional Conference, Santiago, Chile. National Science Foundation/Association of American Geographers. Accepted paper: Cyberinfrastructure and Networking in Geographic Knowledge. Special Panel: Geographical Education Through the Use of Digital Technology, 2011

4. Student Recognition. Best Professor of Geography, 2002-2006. *Departamento de Ciencias Sociales*. *Universidad de La Serena*. La Serena, Chile, November 2009

5. Research Fellow. Gilbert M. Grosvenor Center for Geographic Education. Texas State University, San Marcos, Texas, 2003

6. "Crenshaw Fellowship", Center for International Education, The University of Tennessee, Knoxville, Tennessee, 1990

7. Outstanding Scholar. Iota, Theta Chapter. International Honor Society (Gamma Theta Upsilon), Department of Geography, The University of Tennessee. Knoxville, Tennessee, 1987

8. Award. *Universidad del Norte*. Medal of Distinction. Ten years of Continuous Teaching. Decree No. 315/83. 31, Antofagasta, Chile, May 1983

9. Graduate Fellowship. Organization of American States (OAS). Graduate Program. Michigan State University, 1980-1982

10. Graduate Scholarship, United Nations, Economic Commission for Latin America. Demography, University of Chile – Escolatina, Chile, 1975

SERVICE

Editorial Boards

1. Member of the Editorial Board. *Boletín de la Sociedad Geográfica de Colombia*. https://sogeocol.edu.co/Home_B/boletin-sgc/ 2010 - present

2. Member of the Editorial Board. *Revista Geográfica*. Pan American Institute of Geography and History (PAIGH). Organization of American States. https://revistasipgh.org/index.php/regeo/about/editorialTeam 2013 - present

3. Member of the Editorial Board, *Research in Geographic Education*. Journal of the Gilbert M. Grosvenor Center for Geographic Education. San Marcos, Texas. 2005 – 2023

4. International Editor (Central and South America). RIGEO. *Review of International Geographical Education Online*. July 2012 - 2017

5. Member of the International Review Committee. *The International Review of Research in Open and Distance Learning* (IRRODL). 2009 – 2012

6. Member of the Editorial Board, *Revista Cartográfica*. Pan American Institute for History and Geography. PAIGH, Organization of American States, Mexico, 2007 – 2010

7. Member of the Editorial Board, *GeoTrópico*. An Open Access, peer reviewed geographical journal, *Grupo GEOLAT*, Colombia. http://www.geotropico.org/Editores.html 2003 - present

Reviewer for Journals and Publishers

1. *Annals of the American Association of Geographers*
   2020

2. *International Research in Geographical and Environmental Education (IRGEE)*
   2009, 2013, 2016, 2019

3. *Revista Geográfica. Pan American Institute of Geography and History (PAIGH)*
   2016, 2018

4. *Revista Cartográfica. Pan American Institute for History and Geography. (PAIGH)*
   2014, 2015, 2016, 2017

5. *Review of International Geographical Education Online (RIGEO)*
   2013, 2016

6. *The International Review of Research in Open and Distance Learning (IRRODL)*
   2009, 2010, 2012, 2015

7. *Geoforum*
   2013

8. *Revista Geográfica de América Central*
   2012

9. *Journal of Latin American Geography*
   2011

10. *Publisher. Routledge*
    2012, 2016, 2020

11. *Publisher. John Wiley & Sons*
    2008

Reviewer for Institutions

1. External Review of Faculty Performance and Tenure/Promotion Case. South Africa's National Research Foundation (NFR), South Africa, 2020

2. External Review of Research Project. Vicerrectoría de Investigación, Universidad de Costa Rica, Costa Rica, 2020

3. Member of the Jury. Prize "Pedro Vicente Maldonado" for the Outstanding Doctoral Dissertation in Cartography, Geodesy and/or Geographic Information. Cartography Commission. Pan American Institute of Geography and History (PAIGH). Organization of American States, 2020

4. External Review of Faculty Performance and Tenure/Promotion Case. The University of Tennessee, 2015

5. External Review of Faculty Performance and Tenure/Promotion Case. Nanyang Technological University, National Institute of Education, Singapore, 2011

6. Reviewer. FONDECYT. Scientific and Technological Development Funds (National Competitive Funds for Research). CONICYT (Scientific and Technological National Commission), Santiago, Chile, 2002 - present

7. International Evaluator. Research Group. Vicerrectorado de Investigación, Pontificia Universidad Católica del Perú, Lima, Peru. July 2012 – present

8. International Reviewer. RIDITA. Red Interamericana de Investigación en Transporte Aéreo. Argentina, 2007. Brasil, 2009

9. Reviewer. Committee for Institutional Self-evaluation and Accreditation. Academic Chancellor. Decree #1899, University of La Serena, La Serena, Chile, 2001-2003

10. Reviewer. National Commission for Accreditation. University System. Minister of Education, Chile, 1998 – 2002

International Committees

1. Principal Member, Education Committee. Pan American Institute of Geography and History (PAIGH) 2021 to present

2. Alternate (Representative). Commission on Geography. Pan American Institute of Geography and History (PAIGH) 2021 to present

3. Advisory Member of the Steering Committee. Commission on Geographical Education. *International Geographical Union* (IGU). http://www.igu-cge.org/about.htm 2017 - present

4. Member of the Geography Committee. Geography Education, US Geography Commission. Pan American Institute of Geography and History (PAIGH) 2011 – present

5. Member of the Steering Committee. Commission on Geographical Education. *International Geographical Union* (IGU). http://www.igu-cge.org/about.htm 2008 – 2016

6. Member of the Transport and Geography Commission. *International Geographical Union* (IGU). https://igu-transport.org/ 2010 – present

7. Member of the Academic Council. *Centro Panamericano Estudios e Investigaciones Geográficas (CEPEIGE).* Pan American Institute of Geography and History (PAIGH). Organization of American States. 2013 – 2014

Consultancies

a. Academic Assistance

1. Faculty and Departmental Development. Department of Geographical Sciences, Universidad Nacional. Costa Rica. Heredia. November 2015

2. Institutional Self-evaluation. Presentation of Technical Report, Workshop. Intensive Institute for Directors of Graduate Programs. National Commission for Accreditation. *Universidad Austral de Chile*. Valdivia, Chile. August 2001

3. AP Human Geography Reader. Advanced Placement Program (ETS). Participant at the June 2018 College Board AP Reading scoring the AP Human Geography Exam, 52 Professional Development Hours and 5.2 Continuing Education Units. Cincinnati, Ohio

4. AP Human Geography Reader. Advanced Placement Program (ETS). Participant at the June 2016 College Board AP Reading scoring the AP Human Geography Exam, 52 Professional Development Hours and 5.2 Continuing Education Units. Cincinnati, Ohio

5. AP Human Geography Reader. Advanced Placement Program (ETS). Participant at the June 2014 College Board AP Reading scoring the AP Human Geography Exam, 52 Professional Development Hours and 5.2 Continuing Education Units. Cincinnati, Ohio

6. AP Human Geography Reader. Advanced Placement Program (ETS). Participant at the June 2012 College Board AP Reading scoring the AP Human Geography Exam, 52 Professional Development Hours and 5.2 Continuing Education Units. Cincinnati, Ohio.

b. Professional Assistance

1. Regional Coordinator. *17th National Population Census. Censo 2002, National Statistical Institute* (INE). Chile. April 2002

2. Regional Coordinator. *6th National Week of Science and Technology. EXPLORA-CONICYT. Chilean Government*. Santiago, November 2000

3. International Consultant. Electrowatt Ingenieros + Consultores (EWI). Oil Production and Environmental Impact Solution. *Los Órganos, Peru*. 1995

4. International Consultant. Electrowatt Ingenieros + Consultores (EWI). Copper Smelter, Pollution and Environmental Impact Solution. *La Oroya, Peru*. 1995

5. International Consultant. Electrowatt Ingenieros + Consultores (EWI). Electric System and Environmental Impact Solution. *Puerto Madryn-Trelew, Chubut Province, Argentina*. 1995

6. Special Commission. Communal Reformulation of the 2nd Region of Chile. *Comisión Nacional de la Reforma Administrativa*. CONARA. July 1976

Relationships with Professional Organizations

1. 2007 – present
   Inter American Network for Research in Air Transportation (RIDITA)

2. 2006 – present
   Southwest American Association of Geographers (SWAAG)

3. 2003 – present
   International Network for Learning and Teaching Geography in Higher Education (INLT)

4. 2003 – present
   International Geographical Union (IGU)

5. 2000 – 2007
   Sociedad Chilena de Ciencias Geográficas (SOCHIGEO)

6. 1980 – present
   National Council for Geographic Education (NCGE)

7. 1979 – present
   Conference of Latin Americanist Geographers (CLAG)

8. 1978 - present
   American Association of Geographers (AAG)

9. 1975 – present
   Pan American Institute of Geography and History (PAIGH)

10. 1972 – 1978
    Asociación de Geógrafos de Chile (AGECH)

Assistance to Texas State University

a. College of Liberal Arts (Committees)

1. 2015 – 2016
   Member, Curriculum

2. 2007 – 2016
   Member, Graduate Scholarship

b. Department of Geography & Environmental Studies (Committees)

1. 2025-2026
   Member, Instructional Review
   Member,. Faculty Evaluation

2. 2024-2025
   Member, Instructional Review
   Member, Faculty Evaluation

3. 2022-2023
   Member, Instructional Review
   Chair, Diversity & Inclusion

4. 2021-2022
   Member, Instructional Review
   Chair, Diversity & Inclusion
   Member, New Lecturer Search (Urban Geography)

5. 2020
   Chair, Academic Self-study Program Review
   Chair, Texas Geography Student Research Symposium

6. 2019 – 2020
   Member, Scholarships & Awards
   Member, Faculty Evaluation

3. 2018 – 2019
   Member, Recruitment & Communication
   Member, Graduate Program

4. 2017 - 2018
   Member, Recruitment & Communication
   Member, Faculty Evaluation

5. 2016 – 2017
   Member, Faculty Evaluation
   Member, Instructional Review

6. 2015 – 2016
   Member, Recruitment & Communication

7. 2014 – 2015
   Member, Faculty Evaluation
   Chair, Colloquium

8. 2013 – 2014
   Chair, Colloquium
   Member, New Faculty Search (GI Science)

9. 2012 - 2013
   Chair, Colloquium
   Member, Scholarship & Awards

10. 2011 – 2012
    Member, New Director Search (Grosvenor Center)
    Member, Graduate Program

11. 2010 – 2011
    Member, Graduate Program
    Member, Alumni Reunion/Student Celebration

12. 2009 – 2010
    Chair, Faculty Evaluation
    Member, Graduate Program

13. 2008 – 2009
    Member, New Faculty Search (Geography Education)
    Member, Student Diversity

14. 2007 – 2008
    Chair, New Faculty Search (Geography Education)

15. 2006 – 2007
    Member, Graduate Program
    Member, New Faculty Search (Geography Education)