

Paul Andre Gares

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Present Employment

Department of Geography
East Carolina University
Greenville, NC., 27858

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Academic degrees

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| Ph.D.
1987 | Rutgers - The State University of New Jersey
Department of Geography
Specialization in coastal geomorphology, physical geography and environmental geography |
| M.A.
1975 | Syracuse University
Department of Geography
Specialization in physical geography and water resources |
| B.A.
1972 | Middlebury College
Major: Geography |

Professional Employment

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| 1996 - | Associate Professor, Department of Geography
East Carolina University, Greenville, NC |
| 1992 - 1996 | Assistant Professor, Department of Geography
East Carolina University |
| 1994 - 1996 | Visiting Assistant Professor of Marine and Coastal Sciences,
Rutgers - The State University of New Jersey, New Brunswick, NJ. |
| 1985 - 1992 | Instructor, then Assistant Professor, Department of Geography
Colgate University, Hamilton, NY, |
| 1983 - 1985 | Instructor, Department of Geography
Ohio University, Athens, OH, |
| 1977 - 1983 | Research Assistant, Center for Coastal and Environmental
Studies, Rutgers University, New Brunswick, NJ, |

Funded Grants and Contracts

- 2/1/06 Using LIDAR to Monitor Topographic Changes on Barrier Island Systems
1/31/08 NC. Sea Grant (\$70,000)
- 10/1/00 Principal Investigator - Shoreline monitoring at Fort Raleigh National
9/30/02 Historic Park. National Park Service (\$25,000)
- 3/1/00 Co-Principal Investigator - The aftermath of hurricane Floyd:
2/28/02 Assessment of the geomorphic effectiveness of the 1999 flood on the Tar
River, North Carolina. National Science Foundation. (\$30,000)
- 11/1/00 Co-Principal Investigator - Hurricane Floyd - Causes and Consequences,
to 6/30/01 A workshop for middle and high school teachers. Eisenhower Program,
U.S. Dept. of Education. (\$30,000)
- 1/1/97 Co-Principal Investigator - Coastal Fore-dune Function and
to 5/31/98 Hazard Mitigation. New Jersey Sea Grant. (\$9000)
- 11/1/96 Co-Principal Investigator - Coastal Plain Environmental Institute,
to 12/31/97 A workshop for middle school teachers. Eisenhower Program, U.S. Dept.
of Education. (Funded - \$30,000)
- 11/1/96 Principal Investigator - Perception of Government Response following
Hurricane Opal. Univ. of Colorado Natural Hazards Center Quick
Response Program. (\$1700)
- 9/15/95 Co-Principal Investigator - Quantifying Soil Erosion and
to 9/15/99 Sediment Delivery on North Carolina Coastal Plain Croplands. U.S.
Department of Agriculture, Soils and Soil Biology Program. (\$142,000)
- 8/1/94 Co-Principal Investigator - Dune Development and FEMA
to 5/31/97 Standards: A Test and Application. New Jersey Sea Grant. (\$19,000)
- 6/1/93 Principal Investigator - Laboratory for Physical Geography
to 11/30/95 and Spatial Analysis. National Science Foundation Instrumentation and
Laboratory Improvement Program. (\$13,000)
- 4/1/92 Principal Investigator - Effect of source width on eolian
to 4/30/93 sediment transport, Inishfree Beach, Co. Donegal, Republic of Ireland.
National Geographic Society (\$8000).
- 4/15/91 Principal Investigator - Laboratory for Geographic Analysis
to 9/30/93 Equipment, National Science Foundation Instrumentation and Laboratory
Improvement Program (\$25,000)
- 1/1/87 Assistant Project Investigator - Eolian Sediment Transport Prediction
to 12/31/92 at Monterey Bay, California, California Department of Boating and
Waterways (\$40,000).

1/1/82 Project Leader - Dune Migration on a Developed
to 8/31/83 Coastline, New Jersey Department of Environmental Protection/Division
of Coastal Resources (\$35,000)

1/1/79 Project Leader - Dune Management Area Delineation,
to 12/31/79 for New Jersey Department of Environmental Protection/Division of
Coastal Resources (\$35,000)

Internal Grants and Proposals

Spring 2004 Spatial and temporal variations in aeolian sediment transport. ECU
Summer 2005 Research/Creative Activity Grants Committee (\$20,000)

Spring 1999 Harriott College Research Award.

Spring and Co-PI with Scott Wade, James Wilson - Grant from ECU
Fall 1994 Student Computer and Technology Fee - Enhancement of Instructional
Laboratory for Computer Graphics and Spatial Analysis. \$88,000

Spring 1993 Co- PI with Jonathan Phillips - Grant from ECU Academic
Enhancement Grant -Earth Science Data Acquisition System and
Mobile Global Positioning System Receiver and Base. \$46,000

Books and Book Chapters

Lecce, S.A., P. Pease, P.A. Gares and C.A. Rigsby, 2001. Sedimentation in the Tar
River floodplain associated with Hurricane Floyd. In: *Hurricane Floyd and its
Aftermath*. J.D. Maiolo et al. Eds. Coastal Carolina Press.

Slattery, M.C., Gares, P.A. and Phillips, J.D. 2001. "Linking the field to the river: runoff
and sediment delivery in a North Carolina coastal plain drainage basin", in J.C.
Ascough and D. C. Flanagan (eds), Soil erosion for the 21st Century, Proceedings
of the International Symposium, American Society of Agricultural Engineers, 641-
644.

Sherman, D.J., B.O. Bauer, P.A. Gares, and D.W.T. Jackson, 1997. Wind Blown Sand at
Castroville, California. In Coastal Engineering '96, N. Kraus ed. N.Y.: American
Society of Civil Engineers. pp 4214-4226.

Gares, P.A., 1996. Shoreline Changes along the Cape Hatteras National Seashore. In
Snapshots of the Carolinas: Landscapes and Cultures. Washington D.C.: Association
of American Geographers. pp. 73-76

Gares, P.A., K.F. Nordstrom, D.J. Sherman, B.O. Bauer, R.G.D. Davidson-Arnott, R.W.G.
Carter, D. Jackson and N. Gomes, 1993. Aeolian sediment transport under offshore
wind conditions: Implications for aeolian sediment budget calculations. In
Coastlines of Canada, L.P. Hildebrand, ed. NY: American Society of Civil Engineers.
pp. 59-72.

- Carter, R.W.G., B.O. Bauer, D.J. Sherman, R.G.D. Davidson-Arnott, P.A. Gares, K.F. Nordstrom and J.D. Orford, 1992. Dune development in the aftermath of stream closure: Examples from Ireland and California. In: Coastal Dunes: Ecology, Geomorphology and Management for Conservation, W.W.G. Carter, T.G.F. Curtis and M.J. Sheehy-Skeffington, eds. Rotterdam: Balkema. pp. 57-70.
- Gares, P.A., and K.F. Nordstrom, 1991. Topographic changes in a formerly stabilized dune system. In: Symposium on Coastal Sand Dunes, R.G.D. Davidson-Arnott, ed. Ottawa: Associate Committee on Shorelines, National Research Council of Canada.
- Gares, P.A., 1990 Eolian processes and dune changes at developed and undeveloped sites, Island Beach, NJ. In: Coastal Dunes: Form and Process, K.F. Nordstrom, N.P. Psuty and R.W.G. Carter eds. New York: John Wiley and Sons. pp. 361-380.
- Bauer, B.O., D.J. Sherman, K.F. Nordstrom and P.A. Gares., 1990 Aeolian transport measurement and prediction across a beach and dune at Castroville, California. In Coastal Dunes: Form and Process, K.F. Nordstrom, N.P. Psuty and R.W.G. Carter eds. New York: John Wiley and Sons. pp.39-55.
- Gares, P.A., 1987. Dune management recommendations for developed shorelines. In: Cities on the Beach R.H. Platt, S.G. Pelczarski and B.K.R. Burbank eds. Vol. 224, Department of Geography Research Papers. Chicago: University of Chicago Press. p.171-184.
- Nordstrom, K.F., P.A. Gares, N.P. Psuty, O.H. Pilkey Jr., W. Neal and O.H. Pilkey Sr., 1986. Living with the New Jersey Shore. Durham, NC.: Duke University Press. 191pp.

Journal Articles

- Lecce, S.A., Gares, P.A., and Pease, P.P., in press. Drainage ditches as sediment sinks on the Coastal Plain of North Carolina. Physical Geography.
- Pease, P., Lecce, S., Gares, P.A. and Rigsby, C., 2006. Heavy metal concentrations in sediment deposits on the Tar River floodplain following Hurricane Floyd. Environmental Geology.
- Gares, P.A., Slattery, M.C., Pease, P. and Phillips, J.D. 2006. Aeolian Sediment Transport on North Carolina Coastal Plain Agricultural Fields. Soil Science.
- Gares, P.A., Y. Wang and S.A. White, 2006. Using LIDAR to monitor a beach nourishment project at Wrightsville Beach, NC. Journal of Coastal Research. 22(5):1206-1219.
- Slattery, M.C., Gares, P.A. and Phillips, J.D. 2006. Multiple modes of storm runoff generation in a North Carolina coastal plain watershed, Hydrological Processes. 20: 2953-2969.

- Lecce, S., Pease, P. P., Gares, P.A., and Wang, J., 2006. Seasonal controls on sediment delivery in a small coastal plain watershed, North Carolina, USA. Geomorphology. 73 (3-4): 246-260.
- Gares, P. A, and White, S.A., 2005. Volumetric analysis of overwash fans resulting from tropical storms on North Hatteras Island, North Carolina. Southeastern Geographer. 45: 1-15.
- Lecce, S., Pease, P. P., Gares, P.A., and Rigsby, C., 2004. Floodplain Sedimentation During an Extreme Flood: The 1999 Flood on the Tar River, Eastern North Carolina. Physical Geography. 25: 334-346.
- Pease P., Gares, G., and Lecce, S., 2002. "Eolian Dust Erosion from an Agricultural Field on the North Carolina Coastal Plain", Physical Geography, 23 (5): 381-400.
- Slattery, M.C., Gares, P. A. and J.D. Phillips. Nov. 2002. Slope-channel linkage and sediment delivery on North Carolina coastal plain cropland. Earth Surface Processes and Landforms. 27: 1377-1387.
- Andrews, B.A., Gares, P.A. and Colby, J., 2002. Techniques for GIS Modelling of Coastal Dunes. Geomorphology. 48(1-3): 289-308.
- Sherman, D.J. and P.A. Gares, 2002. The Geomorphology of Coastal Environments. Geomorphology. 48(1-3): 1-6.
- Gares, P.A., 2002. Adoption of insurance coverage and modes of information transfer: Case study of eastern North Carolina floodplain residents. Natural Hazards Review. 3(3): 126-133.
- Pease P., Lecce, S., Gares, P.A. and Lange, M., 2002. Suggestions for Low-Cost Equipment for Physical Geography I: Laboratory Equipment. Journal of Geography. 101(5): 199-206.
- Pease P., Lecce, S., Gares, P.A. and Lange, M., 2002. Suggestions for Low-Cost Equipment for Physical Geography II: Field Equipment. Journal of Geography. 101(4): 167-175.
- Phillips, J.D., Slattery, M.C. & Gares, P.A. 1999. Truncation and accretion of soil profiles on coastal plain croplands: implications for sediment redistribution, Geomorphology, 28:119-140.
- Phillips, J.D., Gares, P.A. & Slattery, M.C. 1999. Agricultural soil redistribution and landscape complexity, Landscape Ecology, 14:197-211.
- Slattery, M.C., Gares, P.A. and Phillips, J.D. 1998. Quantifying soil erosion and sediment delivery on North Carolina Coastal Plain croplands, Conservation Voices, April-May: 20-25.
- Slattery, M.C., T.P. Burt, and P.A. Gares, 1997. Dramatic erosion of a tobacco field at Vanceboro, North Carolina. Southeastern Geographer. 37(1): 85-90.

- Gares, P.A., R. Beachley and M. Lampe, 1997. Offshore sediment transport through a blowout at Coquina Beach, Outer Banks, North Carolina. Zeitschrift für Geomorphologie, 41(1):31-43.
- Gares, P.A., R.G.D. Davidson-Arnott, B.O. Bauer, D.J. Sherman, R.W.G. Carter, D.W.T. Jackson and K.F. Nordstrom, 1996. Alongshore Variations in Aeolian Sediment Transport: Carrick Finn Strand, Republic of Ireland. Journal of Coastal Research, 12(3): 673-682
- Nordstrom, K.F., R.G.D. Davidson-Arnott, B.O. Bauer, P.A. Gares, R.W.G. Carter, D.W.T. Jackson and D.J. Sherman, 1996. Offshore aeolian transport across a beach at Carrick Finn Strand, Republic of Ireland. Journal of Coastal Research, 12(3): 664-672.
- Gares, P.A. and K.F. Nordstrom, 1995. "A cyclic model of foredune blowout evolution for a leeward coast: Island Beach, New Jersey." Annals of the Association of American Geographers. 85(1):1-19.
- Gares, P.A., D.J. Sherman and K.F. Nordstrom, 1994. "Geomorphology and Natural Hazards." Geomorphology. 10(1-4):1-18.
- Gares, P.A. 1992. "Topographic changes associated with coastal dune blowouts at Island Beach State Park, New Jersey." Earth Surface Processes and Landforms. 17(6):589-604.
- Nordstrom, K.F. and P.A. Gares, 1990. "Changes in the volume of coastal dunes in New Jersey, USA." Ocean and Shoreline Management. 14: 1-10.
- Gares, P.A., 1990. "Predicting flooding probability for beach/dune systems." Environmental Management. 14(1): 115-123.
- Gares, P.A., 1989. "Geographers and policy-making: Lessons learned from the failure of the New Jersey dune management plan." The Professional Geographer. 41(1): 20-29.
- Gares, P.A., 1988. "Factors affecting eolian sediment transport in beach and dune environments." Journal of Coastal Research. Special Issue no.3. pp.121-126.
- Gares, P.A. and K.F. Nordstrom, 1988. "Creation of dune depressions by foredune accretion." Geographical Review. 78(2): 194-204.
- Gares, P.A. and D.J. Sherman, 1985. "Protecting an eroding shoreline: the evolution of management response." Applied Geography. 5: 55-69.
- Sherman, D.J. and P.A. Gares, 1982. "Environmental strategies: a case study of systematic evaluation." Environmental Management. 6(5): 421-430.

Other Articles

- Gares, P.A. 1999. Climatology and Hydrology of Eastern North Carolina and their Effect on Creating the Food of the Century. North Carolina Geographer, 7: 3-11.
- Sherman, D.J., B.O. Bauer, R.W.G. Carter, D.W.T. Jackson, J. McCloskey, R.G.D. Davidson-Arnott, P.A. Gares, N.L. Jackson, and K.F. Nordstrom, 1994. The Aeolus Project: Measuring coastal wind and sediment systems. Proceedings Coastal Dynamics '94. New York: American Society of Civil Engineers. pp. 476-487.*
- Gares, P.A. and K.F. Nordstrom., 1991. Coastal dune blowouts - Dynamics and management implications. Proceedings Coastal Zone '91. New York: American Society of Civil Engineers. pp. 2851-2862. *
- Gares, P.A. and K.F. Nordstrom, 1987. Dynamics of a coastal foredune blowout at Island Beach State Park, New Jersey. Proceedings Coastal Sediments '87. New York: American Society of Civil Engineers. pp. 213-221. *
- Gares, P.A., 1983. Beach/dune changes on natural and developed coasts. Proceedings Coastal Zone '83. New York: American Society of Civil Engineers. pp. 1178-1194. *
- Nakashima, L.D., J.M. McCluskey, P.A. Gares, K.F. Nordstrom and N.P. Psuty, 1983. Short-term protection on a rapidly eroding barrier beach. Proceedings Coastal Zone '83. New York: American Society of Civil Engineers. pp. 682-696. *
- Gares, P.A., K.F. Nordstrom and N.P. Psuty, 1980. Delineation and implementation of a dune management district. Proceedings Coastal Zone '80. New York: American Society of Civil Engineers. pp. 1269-1288. *
- Sherman, D.J., K.F. Nordstrom, N.P. Psuty and P.A. Gares, 1979. The geomorphological basis for assessing alternative coastal resource management strategies for the Gateway National Recreation Area. Research in Contemporary and Applied Geography. iii(2). Department of Geography, State University of New York at Binghamton. 39pp.
- Psuty, N.P., K.F. Nordstrom and P.A. Gares, 1979. Principles of establishing a dune management district. Proceedings of the Symposium on Measurement, Mapping, Management in the Coastal Zone from Virginia to Maine. Falls Church, VA: American Congress on Surveying and Mapping. pp. 160-177. *
- Nordstrom, K.F., J.R. Allen and P.A. Gares, 1979. The effect of groin removal on shoreline stability. Proceedings Coastal Structures '79. New York: American Society of Civil Engineers. pp. 904-920. *
- Gares, P.A., 1978. A spatial analysis of urban vegetation. Proceedings, Middle States Division, Association of American Geographers. 7: 42-45. *
- Sherman, D.J. and P.A. Gares, 1978. A conceptual model for the evaluation of beach protection alternatives. Proceedings, Committee on Marine Geography, Association of American Geographers. pp. 57-64. *

* Paper also presented at the Conference.

Technical Reports

Gares, P.A., 2002. Shoreline Changes at Fort Raleigh National Historic Site. East Carolina University Project Report to The National Park Service. 45pp.

Nordstrom, K.F., J.R. Allen, D.J. Sherman, L.D. Nakashima and P.A. Gares, 1982. Applied Coastal Geomorphology at Sandy Hook, New Jersey. Rutgers University, Center for Coastal and Environmental Studies Project Report to National Park Service North Atlantic Region. 88pp.

Gares, P.A., K.F. Nordstrom and N.P. Psuty, 1981. Dune Migration on a Developed Shoreline. Rutgers University, Center for Coastal and Environmental Studies Project Report to New Jersey Department of Environmental Protection, Division of Coastal Resources. 115pp.

Gares, P.A., K.F. Nordstrom and N.P. Psuty, 1979. Coastal Dunes: Their Function, Delineation and Management. Technical Report published by Rutgers University, Center for Coastal and Environmental Studies and New Jersey Dept. of Environmental Protection, Div. of Coastal Resources. 112pp.

Merrill, L.G., P.A. Gares, R. Walker, E.W.B. Russell, P.A. Buckley, N.P. Psuty, B. Liggett, R. Regensburg, C. Mizobe, F.P. McManamon, M. Bartlett and S.P. Berg, 1978. A Plan for the Pinelands National Preserve. Rutgers University, Center for Coastal and Environmental Studies and National Park Service North Atlantic Region. 105pp.

Sherman, D.J., J.J. Andrea, A.B. Campbell, P.A. Gares, G.A. Kucma, C. Mizobe, D. W. Morris, K.F. Nordstrom, N.P. Psuty and G.A. Rojek, 1978. Assesment of Alternatives for Beach Nourishment at Southern Recreation Beaches, Sandy Hook Unit, Gateway National Recreation Area. Rutgers University, Center for Coastal and Environmental Studies Project Report to National Park Service North Atlantic Region. 206pp.

Book Reviews

Gares, P.A., 2003. Review of *Risques et Catastrophes*, by Andre Dauphine for Area 35(3): 331-332.

Gares, P.A., 1994. Review of *Contested Lands* by Robert Mason for The Geographical Review. 84(1): 128-129.

Gares, P.A., 1988. Review of *Coast Dune Management Guide* by D.S. Ranwell and R. Boar, in Journal of Coastal Research. 4(3): 526-527.

Gares, P.A., 1985. Review of *Introduction to Coastal Geomorphology* by J. Pethick in The Professional Geographer. 37(2): 245-246.

Papers Presented at Professional Meetings (unpublished)

- Gares, P.A. and P. Pease, 2006. Air flow and sediment transport through a blowout at Jockey's Ridge State Park, North Carolina, USA. Vith International Conference on Aeolian Research, Guelph, ONT. Canada.
- Gares, P.A. and P. Pease, 2006. Influence of topography on wind flow and sediment transport over a blowout at Jockey's Ridge State Park, North Carolina, USA. Association of American Geographers Annual Meeting, Chicago, Il.
- Pease, P. and P.A. Gares, 2006. The influence of topography and approach angles on local deflections of the wind field in a coastal blowout, Jockey's Ridge State Park, North Carolina, USA. Association of American Geographers Annual Meeting, Chicago, Il.
- Gares, P.A. and N. Ernst, 2005. Evaluating Hatteras Island Sediment Budget using LIDAR. Association of American Geographers Annual Meeting, Philadelphia, PA.
- Gares, P.A. and D. Hanak, 2004. Assessing Hurricane Vulnerability in Four North Carolina Counties, Association of American Geographers Annual Meeting, Philadelphia, PA.
- Gares, P.A., Y. Wang and S. White, 2003. Using LIDAR to Monitor a Beach Nourishment Project at Wrightsville Beach, NC. Association of American Geographers Annual Meeting, New Orleans, LA.
- Gares, P.A. and S. White, 2001. Distribution and Volume of Overwash Sedimentation along the North Carolina Outer Banks resulting from Hurricanes Dennis, Floyd, Gert and Irene, 1999. American Geophysical Union Spring Meeting, Boston, MA.
- Gares, P.A. and S. White, 2001. Analysis of tropical storm overwash along the Outer Banks of North Carolina. Association of American Geographers Annual Meeting, New York, NY.
- Slattery, M.C., P.A. Gares, and J.P. Phillips, 2001. Linking the field to the river: Runoff and sediment delivery in a North Carolina coastal plain drainage basin. Soil Erosion for the 21st Century. International Symposium, American Society of Agricultural Engineers. Honolulu, Hawaii.
- Slattery, M.C., P.A. Gares, and J.P. Phillips, 2000. Scale linkage in fluvial systems. Invited paper, European Commission's COST action working group, Soil Erosion and Global Change. Almeria, Spain.
- P.A. Gares, 2000. Dune Recovery following a Hurricane: Pensacola Beach, FL., Association of American Geographers Annual Meeting, Pittsburgh PA.
- Norbert P. Psuty and P.A. Gares, 2000. Variations in Dune Topographies along the New Jersey Shoreline. Association of American Geographers Annual Meeting, Pittsburgh PA.

- M.C. Slattery, P.A. Gares, and J.P. Phillips, 2000. Linking the Field to the River: Runoff and Sediment Delivery in Two Coastal Plain Drainage Basins, North Carolina. Association of American Geographers Annual Meeting, Pittsburgh PA.
- White, S. and P.A. Gares, 2000. Volumetric Analysis of Overwash Fans Resulting from Tropical Cyclonic Storms On the Outer Banks of North Carolina. Southeastern Division - Association of American Geographers Regional Meeting, Chapel Hill, NC.
- N.P. Psuty and P.A. Gares, 1999. Spatial Variation in Dune Response to a Coastal Storm. Association of American Geographers Annual Meeting, Honolulu, HI.
- M.C. Slattery, P.A. Gares, and J.P. Phillips, 1999. Soil Erosion and Sediment Delivery in a Coastal Plain Drainage Basin. Association of American Geographers Annual Meeting, Honolulu, HI.
- P.A. Gares, M.C. Slattery and J.P. Phillips, 1999. Aeolian Sediment Transport on North Carolina Coastal Plain Croplands. Association of American Geographers Annual Meeting, Honolulu, HI.
- P.A. Gares, M.C. Slattery and J.P. Phillips, 1998. Aeolian Sediment Transport on the Coastal Plain of Eastern North Carolina. 3rd International Conference on Aeolian Research, Oxford, UK.
- Gares, P.A. and N.P. Psuty, 1998. Spatial Variation in Dune Response to a Coastal Storm. Association of American Geographers Annual Meeting, Boston, MA.
- Slattery, M.C., P.A. Gares and J.P. Phillips, 1998. Erosion and Sediment Delivery in a Coastal Plain Drainage. Association of American Geographers Annual Meeting, Boston, MA.
- Psuty, N.P., J.R. Allen, P.A. Gares, W. Svekla and A. Diener, 1997. Dimensional Analyses of Coastal Fore-dune Change. Fourth International Conference on Geomorphology at Bologna, Italy, on August 28-Sept.3, 1997
- Slattery, M.C., P.A. Gares and J.P. Phillips, 1997. Runoff and sediment production in a small coastal plain watershed during tropical rainfall. Fourth International Conference on Geomorphology at Bologna, Italy, on August 28-Sept.3, 1997
- Gares, P.A., D.J. Sherman and D. Jackson, 1996. Ripple morphology on variable beach topography. Association of American Geographers Annual Meeting, Charlotte, NC.
- Sherman, D.J., B.O. Bauer, P.A. Gares and D. Jackson, 1996. Aeolian sand transport, Castroville, California. Association of American Geographers Annual Meeting, Charlotte, NC.
- Lampe, M. and P.A. Gares, 1996. Turbulent air flow over coastal dunes. Association of American Geographers Annual Meeting, Charlotte, NC.
- Gares, P.A., R.G.D. Davidson-Arnott, B.O. Bauer, D.J. Sherman, R.W.G. Carter, D.W.T. Jackson and K.F. Nordstrom, 1994. Alongshore Variations in Aeolian Sediment

- Transport: Carrick Finn Strand, Republic of Ireland. Association of American Geographers Annual Meeting, San Francisco, CA.
- Gares, Paul A., K.F. Nordstrom, D.J. Sherman, B.O. Bauer, B. Carter, and R.G.D. Davidson-Arnott, 1993. Comparative Topographic Changes on Foredunes at U.S., Canadian and Irish Sites. Third International Geomorphological Conference, Hamilton, Ont. Canada.
- Gares, P.A., D.J. Sherman, B.O. Bauer, K.F. Nordstrom, R.W.G. Carter, R.G.D. Davidson-Arnott, The Aeolus Program - Monitoring Wind Dynamics in Coastal Systems, 1993. Association of American Geographers Annual Meeting, Atlanta GA.
- Gares, P.A., D.J. Sherman, K.F. Nordstrom, and B.O. Bauer, 1992. Comparative topographic changes on foredunes at US east and west coast sites. International Geographical Congress, Washington, DC.
- Gares, P.A., 1992. A model of foredune blowout development. Association of American Geographers Annual Meeting, San Diego, CA.
- Carter, R.W.G., B.O. Bauer, D.J. Sherman, R.G.D. Davidson-Arnott, P.A. Gares, K.F. Nordstrom and J.D. Orford, 1991. Dune development in the aftermath of stream closure: Examples from Ireland and California. Third European Coastal Dune Congress, Galway, Rep. of Ireland.
- Gares, P.A., 1991. Participant on Panel "Author meets critics: Risa Palm's Natural Hazards - An Integrative Framework for Research and Planning." Association of American Geographers Annual Meeting, Miami, FL.
- Gares, P.A., 1990. Predicting erosion along the east coast of the United States. Association of American Geographers Annual Meeting, Toronto, Canada.
- Gares, P.A., 1989. Wind flow and sediment transport over coastal foredunes. Association of American Geographers Annual Meeting, Baltimore, MD.
- Gares, P.A., 1988. Spatial and temporal variations in calculated wave runup. Association of American Geographers Annual Meeting, Phoenix, AZ.
- Gares, P.A., 1987. Factors affecting eolian sediment transport in beach and dune environments. Association of American Geographers Annual Meeting, Portland, OR.
- Gares, P.A., 1986. Blowout dynamics at Island Beach State Park, NJ. Association of American Geographers Annual Meeting, Minneapolis, MN.
- Gares, P.A., 1985. Dune management recommendations for developed coastlines. Cities on the Beach - Conference on the Management of Developed Coastal Barriers. Virginia Beach, VA.

- Gares, P.A. and K.F. Nordstrom, 1984. The role of the scientist in establishing a statewide dune management policy. Association of American Geographers Annual Meeting, Washington, DC.
- Gares, P.A., 1983. Effects of development on coastal dunes. Association of American Geographers Annual Meeting, Denver, CO.
- Gares, P.A. and J.M. McCluskey, 1982. An aeolian sediment budget for a northeastern barrier island. Association of American Geographers Annual Meeting, San Antonio, TX.
- Gares, P.A. and J.M. McCluskey, 1980. Regional differences in overwash patterns. Association of American Geographers Annual Meeting, Louisville, KY.
- Psuty, N.P., K.F. Nordstrom and P.A. Gares, 1979. The application of science in the establishment of a dune management district. Second Annual Applied Geography Conference, Binghamton, NY.
- Sherman, D.J. and P.A. Gares, 1979. Down drift effects of the seawall at Sandy Hook, NJ. International Geographical Union Regional meeting, Toronto, Ont.
- Sherman, D.J. and P.A. Gares, 1978. Management considerations for the assessment of alternate sources of beach fill. New Jersey Academy of Sciences, Trenton, NJ.

Theses Directed

- Melissa Tollinger, 1994. *Perception and Choice: Sea Level Rise in North Carolina's Future.*
- Mark Lampe, 1995. *Air Flow and Sediment Transport over a Low Coastal Fore-dune.*
- Richard Beachley, 1997. Aeolian sediment transport in the coastal barrier dunes of Cape Hatteras National Seashore.
- David Stein, 1997. *Hurricanes: Where does the Knowledge Begin?*
- Brian Andrews, 1998. *GIS Analysis of Volumetric Change in Coastal Dunes, Coquina Beach, North Carolina.*
- Mark D. Lange, 2000. *Beach and Bar Dynamics on a Low-Energy Micro-Tidal Coast, Cedar Island, North Carolina.*
- Stephen White, 2002. *Utilizing DEM's derived from LIDAR data to analyze topography: a case study of North Carolina barrier islands.*
- Derek Hanak, 2002. *Vulnerability of four North Carolina coastal counties to a hurricane stike.*
- Nicole Ernst, 2004. *Sediment Redistribution and Volumetric Changes in a Barrier Island Environment, Hatteras Island, North Carolina.*
- Brian Chambers, 2005. *Environmental Impact of Development in Tidal Creek Watersheds*
- Ken Vafier, 2006. *Physical Vulnerability variations along a developed Barrier Island*

Jessica Cain 2006. *Temporal variation in vulnerability of coastal communities to hurricanes.*

Professional Societies

Association of American Geographers, 1977 to present.
Coastal Education and Research Foundation, 1990 to present.

Professional Service

Gares, P. A.. and Sherman, D.J., Nov. 2002. Guest Editor, Special Issue - 29th Binghamton Geomorphology Symposium: Coastal Geomorphology. 43(1-3):328 pp. 328

Co-Organizer and chair of sessions, 29th Binghamton Geomorphology Symposium, Woods Hole, MA., 1998.

Editorial Board, Coastal Management 1991 to 2000.

Book Review Editor, Coastal Management 1991 to 1994

Association of American Geographers Committee on International Research, Chair, 1994-1996; Member, 1994 to 1998.

Coastal and Marine Specialty Group, Association of American Geographers, Chair, 1997-1999; Vice-Chair, 1995-1997; Secretary/Treasurer, 1989 to 1995; Board of Directors, 1987-1989

Co-Organizer and Chair of sessions sponsored by the Coastal and Marine Specialty Group at annual meetings of The Association of American Geographers, 1988-1991, 1994, 1996, 2000, 2001, 2005, 2006.

Reviewer of Articles or Books for:

Annals Association of American Geographers

Coastal Management

Environmental Management

Geomorphology

Journal of Coastal Conservation

Journal of Coastal Research

John Wiley and Sons

Natural Hazards Review

North Carolina Geographer

The Professional Geographer

Saunders College Publishing

Southeastern Geographer

Reviewer of Grant Proposals for:

American Chemical society

US Dept. of Agriculture

The Royal Society, London U.K.
New Jersey Sea Grant Program
Oregon Sea Grant Program
National Science Foundation Geography and Regional Science Program
National Geographic Society Committee on Research and Exploration
National Aeronautics and Space Administration