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Full detail at www.doronnof.net

CURRICULUM VITAE

Doron Nof
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Distinguished Research Professor
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I. PROFESSIONAL AND PERSONAL HISTORY

A. Degrees

Ph.D., University of Wisconsin, Madison (Residency: Atmospheric and Oceanic Sciences), M.S., Technion, Israel Institute of Technology (Hydrodynamics), B.S., Technion, Israel Institute of Technology (Hydraulic Engineering)

B. Honors and awards, professional societies

1. External

Nansen Medal, European Geosciences Union, 2005
Fellow, Royal Meteorological Society; elected 1998
Fellow, Japan Society for the Promotion of Science (JSPS); 1995
Fellow, American Meteorological Society; elected 1993

2. Internal

Florida State University Superior Honors Teacher Award 1999-2000
Florida State University Professorial Excellence Program award 1998
Florida State University Teaching Incentive Program award 1998
Florida State University Named Professorship 2002
Florida State University Distinguished Research Professor 2003

C. University and scientific positions

Professor, Department of Oceanography, Florida State University, Tallahassee, Florida (1986-present); Associate Professor, Department of Oceanography, Florida State University (1981-1986); Research Assistant Professor, Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, Florida (1979-1981); Research Associate, Rosenstiel School of Marine and Atmospheric Science, University of Miami (1978); Post-Doctoral Fellow, Institute of Ocean Sciences, British Columbia, Canada (1977)

D. Other affiliations

Associate, Geophysical Fluid Dynamics Institute, Florida State University (1981-present); Guest investigator and lecturer, Summer Program in Geophysical Fluid Dynamics Woods Hole Oceanographic Institution, Woods Hole, Massachusetts.

E. Professional associations

American Association for the Advancement of Science (member)
American Geophysical Union (member)
American Meteorological Society (Fellow)
European Geophysical Society (member)
Japan Society for the Promotion of Science (Fellow)
Royal Meteorological Society (Fellow)
Sigma Xi (member)

F. Other forms of professional recognition

Research on parting of the Red Sea (see articles 46 and 56, below) discussed in articles in *Science*, New York *Times*, Los Angeles *Times*, the Britannica *1994 Yearbook of Science and the Future*, and on the Public Broadcast Service (PBS). Research on "walking on water" (see articles 97, 98, and 99) discussed in the New York time and numerous branches of the media.

II. RESEARCH ACTIVITIES

A. Publications

Refereed publications in conventional oceanographic literature

1. Nof, D., 1978a: On geostrophic adjustment in sea straits and wide estuaries: Theory and laboratory experiments. Part I: One-layer system. *J. Phys. Oceanogr.,* **8**, 690-702.
2. Nof, D., 1978b: On geostrophic adjustment in sea straits and wide estuaries: Theory and laboratory experiments. Part II: Two-layer system. *J. Phys. Oceanogr.,* **8**, 861-872.
3. Nof, D., 1979: Generation of fronts by mixing and mutual intrusion. *J. Phys. Oceanogr.,* **9**, 298-310.
4. Nof, D., 1979: On man-induced variations in the circulation of the Mediterranean Sea. *Tellus,* **31**, 558-564.
5. Nof, D., 1980: The influence of varying bathymetry on inertial boundary currents. *Tellus,* **32**, 284-295.
6. Nof, D., 1981: On the dynamics of equatorial outflows with application to the Amazon's basin. *J. Mar. Res.,* **39**, 1-29.
7. Nof, D., 1981: On the beta-induced movement of isolated baroclinic eddies. *J. Phys. Oceanogr.,* **11**, 1662-1672.
8. Nof, D., 1982: On the movements of deep mesoscale eddies in the North Atlantic. *J. Mar. Res.,* **40**, 57-74.

9. Nof, D., 1983: On the response of ocean currents to atmospheric cooling. *Tellus,* **35**, 60-72.
10. Nof, D., 1983: The translation of isolated cold eddies on a sloping bottom. *Deep-Sea Res.,* **30**, 171-182.
11. Nof, D., 1983: On the migration of isolated eddies with application to Gulf Stream rings. *J. Mar. Res.,* **41**, 399-425.
12. Nof, D. and D. Olson, 1983: On the flow through broad gaps with application to the Windward Passage. *J. Phys. Oceanogr.,* **13**, 1940-1956.
13. Nof, D., 1984: On the interaction between thin isolated eddies and long-shore currents. *J. Phys. Oceanogr.,* **14**, 125-137.
14. Nof, D., 1984: Oscillatory drift of deep cold eddies. *Deep-Sea Res.,* **31**, 1395-1414.
15. Nof, D., 1984: Shock waves in currents and outflows. *J. Phys. Oceanogr.,* **14**, 1683-1702.
16. Nof, D., 1984: On the ellipticity of isolated anticyclonic eddies. *Tellus,* **37**, 77-86.
17. Cushman-Roisin, B., W. H. Heil and D. Nof, 1985: Oscillations and rotations of elliptical warm-core rings. *J. Geophys. Res.,* **90**, 11,756-11,764.
18. Nof, D., 1985: Joint vortices, eastward propagating eddies and migratory Taylor columns. *J. Phys. Oceanogr.,* **15**, 1114-1137.
19. Nof, D. and S. Im, 1985: Suction through broad oceanic gaps. *J. Phys. Oceanogr.,* **15**, 1721-1732.
20. Nof, D., 1986: The collision between the Gulf Stream and warm-core rings. *Deep-Sea Res.,* **33**, 359-378.
21. Nof, D., 1986: Geostrophic shock waves. *J. Phys. Oceanogr.,* **16**, 886-901.
22. Nof, D., 1986); Comments on 'The response of intense ocean current systems entering regions of strong cooling.' *J. Phys. Oceanogr.,* **16**, 996-999.
23. Nof, D., 1987: The bifurcation of outflows. *J. Phys. Oceanogr.,* **17**, 37-52.
24. Nof, D., 1987: Penetrating outflows and the dam-breaking problem. *J. Mar. Res.,* **45**, 557-577.
25. Nof, D., 1987: Vorticity control. *J. Phys. Oceanogr.,* **17**, 1758-1771.
26. Nof, D. and L. Simon, 1987: Laboratory experiments on the merging of anticyclonic eddies. *J. Phys. Oceanogr.,* **17**, 343-357.
27. Nof, D., 1988: The fusion of isolated nonlinear eddies. *J. Phys. Oceanogr.,* **18**, 887-905.
28. Nof, D., 1988: Outflows dynamics. *Geophys. Astrophys. Fluid Dyn.,* **40**, 165-193.
29. Nof, D., 1988: Draining vortices. *Geophys. Astrophys. Fluid Dyn.*, **42**, 187-208.
30. Nof, D. and S. Van Gorder, 1988: The propagation of gravity currents along continental shelves. *J. Phys. Oceanogr.,* **18**, 481-491.
31. Chapman, R. and D. Nof, 1988: The sinking of warm-core rings. *J. Phys. Oceanogr.,* **18**, 565-583.
32. Nof, D., 1988: Eddy- wall interactions. *J. Mar. Res.*, **46**, 527-555.

33. Nof, D., 1988: The propagation of 'streamers' along the periphery of warm-core rings. *Deep-Sea Res.,* **35**, 1483-1498.

34. Nof, D. and J. Middleton, 1989: Geostrophic pumping, inflows and upwelling in barrier reefs. *J. Phys. Oceanogr.*, **19**, 874-889.

35. Nof, D. and C. Shi, 1989: Interactions of cold- and warm-core rings with environmental shear. *J. Phys. Oceanogr.*, **19**, 890-900.

36. Nof, D., 1990: Why are some boundary currents blocked by the equator? *Deep-Sea Res.*, **37**, 853-874.

37. Nof, D., 1990: Modons and monopoles on a □amma-plane. *Geophys. Astrophys. Fluid Dyn.*, **52**, 71-87.

38. Nof, D., 1990: The role of angular momentum in the splitting of isolated eddies. *Tellus*, **42**, 469-481.

39. Nof, D., 1990: The breakup of dense filaments. *J. Phys. Oceanogr.,* **20**, 880-889.

40. Paldor, N. and D. Nof, 1990: Linear instability of an anticyclonic vortex in a finite depth ocean. *J. Geophys. Res.*, **95**, 18,075-18,080.

41. Nof, D., 1991: Orbiting eddies. *Tellus*, **43**, 64-67.

42. Nof, D., 1991: Fission of single and multiple eddies. *J. Phys. Oceanogr.*, **21**, 40-52.

43. Spitz, Y. and D. Nof, 1991: Separation of boundary currents due to bottom topography. *Deep-Sea Res.,* **38**, 1-20.

44. Nof, D., 1991: Lenses generated by intermittent currents. *Deep-Sea Res.*, **38**, 325-345.

45. Nof, D., N. Paldor, and S. VanGorder, 1991: Abyssal gyres. *Geophys. Astrophys. Fluid Dyn.*, **58**, 173-196.

46. Nof, D. and N. Paldor, 1992: Are there oceanographic explanations for the Israelites' crossing of the Red Sea? *Bull. Amer. Meteorol. Soc.*, **73**, 305-314.

47. Nof, D. and D. Olson, 1993: How do western abyssal currents cross the equator? *Deep-Sea Res.*, **40**, 235-255.

48. Nof, D., 1993: The penetration of Kuroshio water into the Sea of Japan. *J. Phys. Oceanogr.*, **23**, 797-807.

49. Nof, D. and W. Dewar, 1993: The drift of mid-ocean jets. *J. Phys. Oceanogr.*, **23**, 2313-2325.

50. Agra, C. and D. Nof, 1993: Collision and separation of boundary currents. *Deep-Sea Res.*, **40**, 2259-2282.

51. Nof, D., 1993: The □eta-induced drift of separated boundary currents. *Deep-Sea Res.*, **40**, 2243-2257.

52. Nof, D., 1993: Generation of ringlets. *Tellus*, **45**, 299-310.

53. Shi, C. and D. Nof, 1993: The splitting of eddies along boundaries. *J. Mar. Res.*, **51**, 771-795.

54. Shi, C. and D. Nof, 1994: The destruction of lenses and generation of wodons. *J. Phys. Oceanogr.,* **24**, 1120-1136.

55. Nof, D. and W. Dewar, 1994: Alignment of lenses: Laboratory and numerical experiments. *Deep-Sea Res.*, **41**, 1207-1229.

56. Nof, D. and N. Paldor, 1994: Statistics of Wind over the Red Sea with application to the Exodus question. *J. Applied Meteorol.,* **33**, 1017-1025.

57. Nof, D., 1995: Choked flows and wind-driven interbasin exchange. *J. Mar. Res.,* **53**, 23-48.

58. Nof, D., 1995: Choked flows from the Pacific to the Indian Ocean. *J. Phys. Oceanogr.*, **25**, 1369-1383.

59. Nof, D., 1996: What controls the origin of the Indonesian throughflow? *J. Geophys. Res.*, **101**, 12,301-12,314.

60. Nof, D. and T. Pichevin, 1996: The retroflection paradox. *J. Phys. Oceanogr.*, **26**, 2344-2358.

61. Lebedev, I. and D. Nof, 1996: The drifting confluence zone. *J. Phys. Oceanogr.*, **26**, 2429-2448.

62. Pichevin, T. and D. Nof, 1996: The eddy cannon. *Deep-Sea Res.*, **43**, 1475-1507.

63. Nof, D., 1996: Rotational turbidity flows and the 1929 Grand Banks earthquake. *Deep-Sea Res.*, **43**, 1143-1163.

64. Nof, D., 1996: Why are rings regularly shed in the western equatorial Atlantic but not in the western Pacific? *Prog. Oceanogr.,* **38**, 417-451.

65. Pichevin, T. and D. Nof, 1997: The momentum imbalance paradox. *Tellus*, **49**, 298-319.

66. Lebedev, I. and D. Nof, 1997: Collision of boundary currents: Beyond a steady state. *Deep-Sea Res.*, **44**, 771-791.

67. Borisov, S. and D. Nof, 1998: Deep, cross-equatorial eddies. *Geophys. Astrophys. Fluid Dyn.*, **87**, 273-310.

68. Nof, D., 1998: The 'separation formula' and its application to the Pacific Ocean. *Deep-Sea Res. I,* **45**, 2011-2033.

69. Nof, D. and S. Borisov, 1998: Inter-hemispheric oceanic exchange. *Q. J. Royal Meteorol. Soc.*, **124**, 2829-2866.

70. Nof, D. and S. Van Gorder, 1998: Intense nonlinear migrations of the Pacific warm pool. *Deep-Sea Res.*, **46**, 1705-1731.

71. Nof, D. and T. Pichevin, 1999: The establishment of the Tsugaru and the Alboran gyres. *J. Phys. Oceanogr.*, **29**, 39-54.

72. Pichevin, T., D. Nof and J. Lutjeharms, 1999: Why are there Agulhas rings? *J. Phys. Oceanogr.*, **29**, 693-707.

73. Nof, D. and S. Van Gorder, 1999: A different perspective on the export of water from the South Atlantic. *J. Phys. Oceanogr.*, **29**, 2285-2302.

74. Nof, D., 1999: Strange encounters of eddies with walls. *J. Mar. Res.,* **57**, 1-24.

75. Nof, D., 2000: Why much of the circulation in the Atlantic enters the Caribbean Sea and very little of the Pacific circulation enters the Sea of Japan. *Prog. in Oceanogr.,* **45**, 39-67.

76. Nof, D., 2000: Does the wind control the import and export of the South Atlantic? *J. Phys. Oceanogr.*, **30**, 2650-2667.

77. Nof, D. and S. Van Gorder, 2000: Upwelling into the thermocline in the Pacific Ocean. *Deep-Sea Res. I*, **47**, 2317-2340.

78. Simmons, H. and D. Nof, 2000: Islands as eddy splitters. *J. Mar. Res.*, **58**, 919-956.

79. Nof, D., 2001: China's development could lead to Bottom Water formation in the Japan/East Sea. *Bull. Am. Met. Soc.*, **82**, 609-618.

80. Nof, D. and T. Pichevin, 2001: The ballooning of outflows. *J. Phys. Oceanogr.*, **31**, 3045-3058.

81. Simmons, H. and D. Nof, 2002: The squeezing of eddies through gaps. *J. Phys. Oceanogr.*, **32**, 314-335.

82. Nof, D., 2002: Is there a meridional overturning cell in the Pacific and Indian Oceans? *J. Phys. Oceanogr.*, **32**, 1947-1959.

83. Nof, D., T. Pichevin and J. Sprintall, 2002: Teddies and the origin of the Leeuwin Current. *J. Phys. Oceanogr.,* **32** (9), 2571-2588.

84. Nof, D., N. Paldor and S. Van Gorder, 2002: The Reddy maker. *Deep-Sea Res. I*, **49**(9), 1531-1549.

85. Nof, D., 2003: The Southern Ocean's grip on the northward meridional flow. *Prog. Oceanogr.*, **56**(2), 223-247.

86. Nof, D. and S. Van Gorder, 2003: Did an open Panama Isthmus correspond to an invasion of Pacific water into the Atlantic? *J. Phys. Oceanogr.*, **33**(7), 1324-1336.

87. Paldor, N., A. Sigalov and D. Nof, 2003: The mechanics of eddy transport from one hemisphere to the other. *Q. J. Royal Met. Soc.*, **129**(591), 2011-2026.

88. Arruda, W. and D. Nof, 2003: The Mindanao and Halmahera eddies – twin eddies induced by nonlinearities. *J. Phys. Oceanogr.*, **33**, No. 12, pp. 2815–2830.

89. Nof, D. and A. M. De Boer, 2003: From the Southern Ocean to the North Atlantic in the Ekman layer? *Bull. Am. Met. Soc.* **85**, No.1, pp 79-88.

90. Nof, D., S. Van Gorder and T. Pichevin, 2004: A different outflow length scale? *J. Phys. Oceanogr.*, **34**, pp. 793-804.

91. Arruda, W., D. Nof and J. J. O'Brien, 2004: Does the Ulleung eddy owe its existence to beta and nonlinearities? *Deep-Sea Res*. I, **51**, 2073-2090.

92. De Boer, A. M. and D. Nof, 2004a: The exhaust valve of the North Atlantic. *J. Climate*, **17**, No. 3, pp. 417-422.

93. De Boer, A. M. and D. Nof, 2004b: The Bering Strait's grip on the northern hemisphere climate. *Deep-Sea Res*. I, **51**, 147-1366.

94. De Boer, A. M. and D. Nof, 2005: The island wind-buoyancy connection. *Tellus*, **57A**, 783-797.

95. Nof, D., 2005: The momentum imbalance paradox revisited. *J. Phys. Oceanogr.*, **35** (10), 1928-1939.

96. Huber, M and D. Nof, 2006: The ocean circulation in the southern hemisphere and its climatic impacts in the Eocene. *Paeogeography, paleoclimatology, and paleoecology* **231**, 9-28.

97. Nof, D., I. McKeague, and N. Paldor, 2006: Is there a paleolimnological explanation for "walking on water" in the Sea of Galilee? *J. Paleolimnology*, **35**, 417-439.

98. Nof, D. 2006: Walking on water and the Geoscientists Fear of Social Controversy. *EOS* **87**, (39), 404 and 409.

99. Nof, D., McKeague, I. and N. Paldor 2007 Was there ice along the shore of the Sea of Galilee during the last 12,000? Reply to a comment by Prange et al. (2007) and a comment by Friedman (2007). *J. of Paleolimnology*, **38**, 595-596.

100. Nof, D., S. Van Gorder and A.M. De Boer 2007 : Does the Atlantic meridional overturning cell really have more than one stable steady state? *Deep-Sea Res.* ***I,*** 54, 2005-2021.

101. Sandal, C**.** and D. Nof , 2008: A new analytical model for Heinrich events and climate instability. *J. Phys. Oceanogr.*, **38**, 451-466.

102. Nof, D. and S. VanGorder , 2008: "Explosive" meridional migration of cyclones and anticyclones. *Tellus*, **60** (A), 372-383.

103. Sandal, C. and D. Nof 2007 The collapse of the Bering Strait ice-dam and the abrupt temperature rise in the beginning of the Holocene J. Phys. Oceanogr., 38, (9), 1979-1991.

104. Sandal, C. and D. Nof, 2008: Laboratory experiments on the paleo-jamming of the Bering Strait . *Deep-Sea Res. I,* **55**, 1105-117

105. Zharkov, V. and D. Nof, 2008: Retroflection from slanted coastlines--circumventing the "vorticity paradox". *Ocean Sci.,* 4, 293-306.

106. Zharkov, V. and D. Nof , 2008: Agulhas ring injection into the South Atlantic during glacials and interglacials. *Ocean Sci*., 4, 1-15.

107. Nof. D. 2008: Simple versus complex climate modeling. *EOS*, *89* (52), 544,

108. Ortiz,J. D., Polyak,L., Grebmeier, J. M., Darby, D., Eberl, D. D., Naidu, S. and D. Nof, 2009: Provenance of Holocene sediment on the Chukchi-Alaskan margin based on combined diffused spectral reflectance and quantitative x-ray Diffraction analysis. doi: 10.1016/j.gloplacha.2009.03.020.

109. Zharkov, V. and D. Nof , 2010: The strong seasonality of the Agulhas retroflection and rings shedding. Submitted.

110. Nof, D. and N. Paldor, 2010: The cave resonator and the Parker Turner cave collapse problem. *Safety Sci.,* 48, 607-614.

111. Nof, D., S. Van Gorder and L. Yu, 2010: Thoughts on a variable meridional overturning cell and a variable heat-flux to the atmosphere *Geophys. Astrophys. Fluid Dyn*. 2010, 1-22.

112. Ortiz, J. D., D. Nof, L. Polyak, G. St-Onge, A. Lise-Pronovost, S. Naidu, D. Darby and S. Brachfeld, 2009: Inter-hemispheric control of the Atlantic Meridional Overturning during the last 12,000 years. Submitted.

113. Zharkov, V., D. Nof and W. Weijer, 2010: Retroflection from a double slanted coastline -a model for the Agulhas leakage variability Submitted.

114. Nof, D., Y. Jia, E. Chassignet and A. Bozec, 2010: Fast wind-induced migration of Leddies in the South China Sea. Submitted.

Publications in other refereed literature

Nof, D., 1990: The breakup of outflows and the formation of 'Meddies'. *The Physical Oceanography of Sea Straits*, L. J. Pratt, ed., Kluwer Academic Publishers, 559-566.

Nof, D., 1988: Nonlinear intrusions. *Mesoscale/Synoptic Coherent Structures in Geophysical Turbulence*, Nihoul & Jamart, eds., Elsevier Science Publishers B.V., Amsterdam, 113-134.

Nof, D., 2003: Nonlinear outflows on a □-plane. *Nonlinear Processes in Geophysical Fluid Dynamics: A Tribute to the Scientific Work of Pedro Ripa*. Ed. O. U. Velasco Fuentes, J. Sheinbaum and J. Ochoa. Kluwer Acad.

Nof, D., 2006: *"Walking on water" and the geoscientists' fear of social controversy*. Eos, Vol 87 (39), 404 and 409.

B. RESEARCH GRANTS

Dates	*Agency*	*Title*	*Amount*
1979-81	ONR	Role of Diabatic Heating and Cooling in Boundary Current Dynamics	$ 39,686
1981-82	ONR	Study of the Water Exchange between the Caribbean Sea and the Atlantic Ocean (through the Windward Passage)	30,054
1982-83	ONR	Mesoscale Processes in the Ocean	48,685
1983-85	ONR	Mesoscale Processes in the Ocean	134,001
1985-87	ONR	Mesoscale Processes in the Ocean	195,460
1987-88	ONR	Meso and Large-Scale Processes in the Ocean	178,190
1989-90	ONR	Mesoscale Processes in the Ocean	182,091
1987-90	NSF	Theoretical Studies of Eddy-Environment Interaction	147,658
1988	NOAA	Oceanic Current Model Development	9,950
1989	NOAA	Oceanic Current Model Development	9,950
1990-94	NSF	Non-linear Eddy-Environment Interactions	356,850

1991-92	ONR	Mesoscale Processes in the Ocean	161,571
1991-95	NSF	Nonlinear Processes in High Latitudes	240,000
1993	ONR	Nonlinear Supermesoscale Processes in the Ocean	34,445
1995-98	NSF	Flows through Multiple Gaps with Application to the Indonesian Throughflow	239,000
1995-96	NASA	Studies of Variable Climate Processes	122,400
1996-99	ONR	How Much Water Passes Through each of the Southern Indonesian Passages?	159,084
1996-99	NSF	Rings, Eddies and Retroflection as a Mechanism for Inter-basin Exchange	248,633
1997-98	NASA	Studies of Variable Climate Processes	76,867
1997-2000	BSF	Reddies as a means of exporting water from the Red Sea	76,450
1998-01	NASA	Zonal Propagation of Nonlinear Oceanic Anomalies	133,217
1998-01	NASA	Nonlinear Exchange Processes between the Pacific and the Indian Ocean	66,000
2000-03	NSF	The Role of Agulhas Rings in the Western South Atlantic	300,000
2001-02	ONR	The Tsushima Warm Current and Its Various Branches	115,864
2001-04	NASA	Variability of the Western Indian Ocean and Gulf of Aden	288,563
2003-07	NSF	The Agulhas-Brazil Current Domino	398,967
2003-06	NASA	The Role of the Bering Strait in the General Oceanic and Circulation Climate	72,000
2005-08	NSF	The Bering Strait as a Super Strait	269,872
2005-08	NSF	The Agulhas Current System: A Key Control of the Atlantic System	202,637
2007-08	NASA	Exploratory study of the MOC	63,945
2007-11	BSF	The Stability of Intrusion Eddies in the South Atlantic	52,764
2008-11	NSF	Agulhas Rings Pathways and the Resulting MOC Control	417,171
2009-12	NSF	The death of Agulhas Rings and the emergence of a modified Brazil Current	477,529
2009-13	NSF	Collaborative Research: Understanding the physics of the Bering Strait through paleoceaography and modeling	234,849
2010-13	NSF	Cave Ventilation and Dripwater Geochemistry: Modern Time Series Spleothem Paleoproxy Calibration.	726,955.00

Total	$6,511,358

C. Invited and contributed talks

Invited presentations

1997	SACC (South Atlantic Climate Change) Workshop	Guaruja, Brazil
1997	"The 'separation formula' and the Indonesian Throughflow"	IAMAS/IAPSO 1997 Joint Assembly, Melbourne, Australia
1998	SACC (South Atlantic Climate Change) Workshop	Miami, FL
1998	"Intense eastward migrations of the Pacific Warm Pool"	Japan Marine Sciences and Technology Center International Symposium, Kyoto, Japan
1999	"The export of upper water from the Southern Ocean and the associated upwelling,"	Slope Front Workshop, Lamont-Doherty, NY
2000	"The Southern Ocean's grip on the meridional circulation"	EGS XXV General Assembly, Nice, France
2001	"Teddies and their sources"	EGS XXVI General Assembly, Nice, France
2002	"Teddies and the origin of the Leeuwin Current"	The 2nd Meeting on the Physical Oceanography of Sea Straits, Villefrance, France
2002	"Teddies and the origin of the Leeuwin Current"	The Pedro Ripa Memorial Colloquium, CICESE, Ensenada, Mexico
2003	"The Reddy Maker"	EGS XXVII General Assembly, Nice, France
2003	"A new outflow length scale?"	IUGG2003 Meeting, Sapporo, Japan
2004	"Does the Oceanic Meridional Overturning Cell really have more than one stable state?	2004 AGU Fall Meeting, San Francisco
2005	"Does the Oceanic Meridional Overturning Cell Really have more than one stable	2005 Christian le Provost Colloquium, Toulouse, France

state??

2005	"Abrupt Climate Change and the Oceanic Meridional Overturning Cell"	2005 EGU Congress, Vienna, Austria, Nansen Medal Lecture
2007	South Atlantic Workshop (SAW)	Buenos Aires, Argentina
2007	URBINO Summer School/Paleoclimatology	Urbino, Italy
2007	Hebrew University	Jerusalem, Israel
2008	New York University	New York, New York
2008	URBINO Summer School/Paleoclimatology	Urbino, Italy
2008	Walin -70 Symposium	Stockholm, Sweden
2009	MOCA	Montreal, Canada
2010	Meeting on the Americas	Foz do Iguacu, Brazil

III. TEACHING ACTIVITIES

A. Students for whom I have been the major professor

S. Im (M.S., 1985)
L. Simon (M.S., 1986)
R. Chapman (Ph.D., 1987)
Y. Spitz (M.S., 1989)
C. Agra (M.S., 1992)
C. Shi (M.S. 1988, Ph.D., 1992)
C. Sandal (Ph.D., 2006)
J. Azevedo (Ph.D., 2009)
I. Lebedev (Ph.D., 1995)
S. Borisov (Ph.D., 1996)
T. Pichevin (Ph.D., 1996)
H. Simmons (Ph.D., 2000)
W. Arruda (Ph.D., 2002)
A. M. De Boer (Ph.D., 2003)
V. Zharkov (Ph.D., 2007)

B. Students for whom I am currently the major professor

M. Behl (currently a Ph.D. student)

L. Girihagama (currently a Ph.D. student)

J. Canfield (currently a Ph.D. student)

J. Sauer (currently a Ph.D. student)

C. Student committees on which I have served other than as major professor

Florida State University:

N. Romano (Ph.D., 1999) S. Morey (Ph.D., 1999)

K. Mizoguchi (Ph.D., 2002)	A. Leonardi (Ph.D., 2002)
L. Zamudio (Ph.D., 2002)	L. Zhong (Ph.D., 2002)
A. Montenegro (Ph.D., 2003)	B. Kara (Ph.D., 2003)
H. Huang (Ph.D., 2003)	E. Kvaleberg (Ph.D., 2003)
J. Li (Ph.D., 2004)	D. Leonov (Ph.D., 2005)
S. Bigorre (Ph.D., 2005)	D. Carlson (Ph.D., 2007)
M. Dottori (Ph.D., 2007)	A. Kowalczk (Ph.D., 2009)

Ekaterina Maksimova (current Ph.D.)

Other universities:

Examiner for J. Waworunto (Ph.D., University of Miami, 1999) and for P. Choboter (currently Ph.D., University of Alberta)

"Opponent" for A. Wahlin (Ph.D., Göteborg University, Sweden, 2001)

Advisor for J. Azevedo (Federal University of Rio Grande, Brazil, 2009)

D. Courses I have taught at Florida State University (during the past five years)

OCE 1001	Elementary Oceanography Spring 05, Fall 07, Spring 10	3 credits
OCE 1001	Elementary Oceanography - Honors Spring 04, Fall 06	3 credits
OCP 5253	Introduction to Geophysical Fluid Dynamics Fall 04, Fall 05, Spring 07, Fall 09	3 credits
OCP 5256	Fluid Mechanics: Geophysical Applications Spring 08, Fall 09	3 credits
OCE 5930	Introduction To Geophysical Fluid Dynamics /New and Old Frontiers in Dynamic Oceanography Spring 06, Spring 08, Fall 08, Spring 09	3 credits

E. Other forms of teaching and teaching recognition

An instrument developed by me to demonstrate physical oceanic processes to nonscientists was featured on the PBS educational television program "Scientific American Frontiers" (1994).

Dr. Nof and his research on the parting of the Red Sea were featured on the Discovery Channel in December 2008.