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Personal Information:

Date of Birth: 13 February, 1975
Place of Birth: Vitoria-Gasteiz, Spain

Education:

Ph.D.: 2005 Marine Sciences (Physical Oceanography), University of North Carolina at Chapel Hill
B.S.: 1998 Marine Sciences, Universidad de Las Palmas de Gran Canaria

Employment:

2006- Post-doctoral Investigator, AOPE, WHOI
2005- 2006 Post-doctoral Fellow, Department of Marine Sciences, UNC-CH
2000-2005 Research Assistant, Department of Marine Sciences, UNC-CH
1998-2000 Teaching Assistant, Department of Marine Sciences, UNC-CH

Dissertation:

Baroclinic Processes in Coastal Oceans: Observations and Modeling on Georges Bank and the South Atlantic Bight Continental Shelf (2005). UNC-CH, pp. 167.

Refereed Articles:

Aretxabaleta et al. (2005)

Aretxabaleta, A., J. Manning, F. E. Werner, K. Smith, B. Blanton, and D. R. Lynch, Data Assimilative Hindcasting on the Southern Flank of Georges Bank during May 1999: Frontal Circulation and Implications, *Cont. Shelf Res.*, 25 (7/8), 849-874, 2005.

Blanton et al. (2003)

Blanton, B. O., A. Aretxabaleta, F. Werner, and H. Seim, Monthly climatology of the continental shelf waters of the South Atlantic Bight, *J. Geophys. Res.*, 108(C8), 3264, doi:10.1029/2002JC001609, 2003.

Manuscripts in Revision:

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Lough, R. G., E. A. Broughton, L. J. Buckley, L. S. Incze, K. P. Edwards, R. Converse, A. Aretxabaleta, and F. E. Werner, Modelling growth of Atlantic cod larvae on the southern flank of Georges Bank in the tidal-front circulation during May 1999, *Deep-Sea Res. II*, Accepted.

Morales-Zarate et al. (2006)

Morales-Zarate, M. V., A. Aretxabaleta, F. E. Werner and S. E. Lluch-Cota, Modeling winter circulation and particle retention in the Bahia Magdalena-Almejas lagoon system (Baja California Sur, Mexico), *Ciencias Marinas*, Submitted.

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Aretxabaleta, A., H. E. Seim, J. O. Blanton, and J. L. Pelegri, Tidal and Wind Mixing versus Thermal Stratification in the South Atlantic Bight, In preparation, 2006.

Conference Presentations:

Aretxabaleta et al. (2004c)

Aretxabaleta, A. L., J. R. Nelson, H. E. Seim, B. O. Blanton, F. E. Werner, and E. P. Chassignet, Cold Event in the South Atlantic Bight During Summer of 2003: Model simulations and implications. *EOS, Trans. Am. Geophys. Union*, Ocean Sci. Meet. Suppl., 87, OS36J-07, 2006.

Aretxabaleta et al. (2005b)

A. Aretxabaleta, F. Werner, J. Nelson H. Seim and B. Blanton, Cold event in the South Atlantic Bight during summer of 2003: an anomalous event or the beginning of a shift?, *XXI Trobades Cientifiques de la Mediterrania*, Menorca, Spain, 2005.

Aretxabaleta et al. (2005a)

A. Aretxabaleta, C. Edwards, H. Seim and J. Nelson, Characterizing spring and summer Gulf Stream water intrusions in the mid-shelf of the South Atlantic Bight, *Gordon Research Conference, Coastal Ocean Circulation*, New London, NH, 2005.

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B. O. Blanton, A. Aretxabaleta, E. P. Chassignet and F. Werner, A Coastal Nowcast/Forecast Model of the South Atlantic Bight: Nesting with a basin-scale hybrid-coordinate model, *EOS, Trans. Am. Geophys. Union*, Joint Assembly, 85, OS43A-01, 2005.

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G. Lough, E. Broughton, J. Manning, L. Buckley, L. Incze, N. Wolf, F. Werner, K. P. Edwards, R. Converse, A. Aretxabaleta, Environmental Consequences of Tidal-Front Entrainment in Larval Fish Along the Southern Flank of Georges Bank, *EOS, Trans. Am. Geophys. Union*, 84, OS42K-09, 2004.

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Blanton, B. O., R. A. Luettich, E. Sills, A. Aretxabaleta, H. Seim, F. E. Werner, D. R. Lynch, K. Smith, D. McGillicuddy, and J. Nelson, Implementation of the South Atlantic Bight Limited-area Model, *Gordon Research Conference, Coastal Ocean Modeling*, New London, NH, 2003.

Luettich et al. (2002)

Luettich, R., B. Blanton, A. Aretxabaleta, F. E. Werner, H. Seim, C. Naimie, D. Lynch, E. Sills, D. McGillicuddy, P. Welsh, A Limited Area, Operational, Coastal Ocean Model of the South Atlantic Bight with Far Field Ocean Model Forcing and Data Assimilation, *EOS, Trans. Am. Geophys. Union*, 82, OS41M-08, 2002.

Aretxabaleta et al. (2001)

A. Aretxabaleta, B. O. Blanton, H. Seim, and F. E. Werner, Analisis Espacial De Datos Para Inicializacion De Modelos De Prediccion Costera En Tiempo Real *Taller y Tertulia en Oceanografia*, Vigo, Spain, 2001.

Book Chapter:

Werner et al. (2004)

Werner, F. E., A. Aretxabaleta, and K. P. Edwards, Modelling marine ecosystems and their environmental forcing, in *Marine Ecosystems and Climate Variation*, edited by N. C. Stenseth, G. Ottersen, J. W. Hurrell and A. Belgrano, pp. 33–45, Oxford University Press, 2004.

Field Experience:

2006 Gulf of Maine Harmful Algal Bloom - *R/V Oceanus 425* - June 2006

Massachusetts Bay Harmful Algal Bloom - *R/V Tioga 184-185* - May-June 2006

Cartagena-Las Palmas - *R/V Hesperides* - September 1997

Transect Lisbon-Madeira-Las Palmas - March and June 1997

Other Merits and Awards:

Spanish National Award for Undergraduate Degree 1998 (Premio Nacional de Fin de Carrera de Educacion Universitaria). 2nd prize.

Member of American Geophysical Union, American Society of Limnology and Oceanography, and Society of Industrial and Applied Mathematics.