

PAUL L. STOFFA
GRADUATE SUPERVISION

Supervised the following PhD candidates:

Armando Sena	Modeling and Imaging of Ground Penetrating Radar Data December 2004
Imtiaz Ahmed	Prestack Imaging and Velocity Analysis Offshore Nicaragua – December 2003
Abdulaziz Al-Aslani	3D Seismic Surface Multiple Attenuation: Algorithms and Analysis – Fall 2001
Junru Jiao	Residual Migration Velocity Analysis in the Plane Wave Domain: Theory and Applications – May 2001
Jean-Paul van Gestel	Structure and Tectonics of the Puerto Rico-Virgin Islands Platform and Multi-configuration Ground Penetrating Radar Data – May 2000
Vikramaditya Sen	A Seismic Survey in Antarctica, Parallel Schemes for Seismic Migration and Target Oriented Velocity Analysis – December 1998
Mehmet Tanis	Prestack Split-step Fourier Depth Migration Algorithms and Parallel Implementations on T2E – December 1998
Carlos Varela	Automated Background Velocity Estimation in 2D Laterally Varying Media – May 1996
Michael Jervis	Optimization methods for 2-D pre-stack migration velocity estimation – August 1993
Eduardo Lopes de Faria	Modeling, migration and focusing analysis in transversely isotropic media – August 1993
Jinyong Oh	A Deep-Penetration Seismic Study and Structural Interpretation of the Southeastern United States Continental Margin – August 1993
Livia J. Squires	Reducing Artifacts in Tomographic Velocity Reconstruction – May 1993
Warren T. Wood	Least Squares Inversion of Field Seismic Data for an Elastic 1- D Earth – May 1993

Guillaume Cambois Surface Consistent Deconvolution in the Log/Fourier Domain
–
May 1991

Co-supervised the following PhD candidates:

Dhananjay Kumar Analysis of Multicomponent Seismic Data from the Hydrate
Ridge, Offshore Oregon - May 2005

Anubрати Mukherjee Seismic Waveform Inversion in Anisotropic Media – May
2002

Georgios Tsoflias Characterization of Near-Surface Hydrogeologic Properties
Through High Frequency Electromagnetic Surveying – Fall
1999

Faqi Liu Free Surface Multiple Elimination Operators and their
Applications – August 1999

Faruq Akbar Pre-stack 2-D and 3-D Depth Migration in the τ -p Domain –
August 1997

Carlos Calderon-Macias Artificial Neural Systems for Interpretation and Inversion of
Seismic Data – August 1997

Ganyuan Xia Prestack Migration and AVO Inversion – August 1997

Raghu Chunduru Global and Hybrid Optimization in Geophysical Inversion –
May 1996

Served on the following PhD committees:

Rishidev Bansal	Seismic Characterization of Fractured Reservoirs – May 2007
Jason E. Gumble	Complete Anisotropic Analysis of Three Component Seismic Data Related to the Marine Environment and Comparison to Nine Component Land Seismic Data – December 2006
Chandan Kumar	Parameter Inversion for Seismic Anisotropy – December 2006
Celso A.M. Neto	Migração Pre-Empilhamento em Profundidade Utilizando Ondas Planas – August 2004 (Universidade Federal da Bahia, Salvador, Bahia, Brazil)
Chengshu Wang	Joint Inversion of P- and S-waves: Estimation of Seismic Velocity Structure and Density of Gas Hydrate-bearing Sediments, Offshore Oregon – June 2003
Eric M. Matzel	Seismic Structure of the Upper Mantle Beneath Crotons – April 2002
J.W. Schoolmeesters	Three-Dimensional Processing of Marine Seismic Data by Spectral Decomposition, Delft University of Technology – Spring 2001
Salem G. Al Juhani	Data Integration for Reservoir Characterization: A Central Arabian Oil Field – May 1999
Rafael E. Banks	Time Harmonic Field Electric Logging – August 1998
Barker, Daniel H.N.	Geophysical Investigation of an Extending Marginal Basin in a Convergent Plate Margin Setting – Bransfield Strait/Antarctic Peninsula: it's Crustal Structure, Tectonic Evolution, and Implications for Andean Orogenesis – May 1997
Duk Kee Lee	The Upper Mantle Structure Beneath the Colorado Rocky Mountains and the East Pacific Rise – May 1996
Ran Zhou	High Velocity Zone Beneath the Southern Tibetan Plateau and Fast Global Optimization of Earthquake Source Parameters – May 1996
Xiao-Yang Ding	Seismic Structure of the Deep Kurile Subduction Zone – May 1995

György Marton Jurassic Evolution of the Southeastern Gulf of Mexico – May 1995

James Layton Simmons Practical Seismic Inversion – May 1993

Steven J. Cardimona Studies in Seismic Scattering – May 1992

Mark James Graebner Generalized Linear Inversion in a Transversely Isotropic Solid – May 1991

Nikolaos Bernitsas Traveltime Inversion, Modeling and Interpretation of Fault Surface Reflections – December 1990

Christopher Jude Finn Travel Time Inversion in Three-Dimensional, Inhomogeneous Media – December 1990

William Corso Seismic Stratigraphy of Lower Cretaceous Carbonate Platforms, Florida and Campeche Banks – December 1987

Tracy Joseph Stark Information from Deep Water Seismic Reflection Data: LASE Line 2 – August 1986

Currently Supervisor of the following PhD candidate:

Chunlei Chu Application of Variable Grid Finite Difference to Seismic Imaging and Modeling

Currently Co-supervisor of the following PhD candidates:

Alireza Shahin Pending (new student 2006 co-supervisor with Robert Tatham)

Chaoshun Hu OBS and MCS data acquisition, processing and interpretation for TAIGER project (co-supervisor with Kirk McIntosh)

Currently serving on the following PhD committees:

Irina Filina Aerogeophysical Studies in Antarctica

Supervised the following MA candidates:

Hao Xun A 3-D Seismic Investigation of the Distribution of Gas Hydrate and Free Gas and Their Relationship to the Structure and Stratigraphy of Hydrate Ridge – Summer 2007

Saleh Al-Saleh	Processing and imaging of multi-component ocean bottom cable data in plane wave domain – Summer 2001
John Stachowiak	The Nature and Causes of Backstop Deformation in the Northern Lesser Antilles Subduction Zone – May 2000
Stefan Paul Muszala	Magnetics of the Puerto Rico Trench and Aeromagnetics of the North Slope of Alaska – December 1998
Matt Ralston	Analysis of the COCORP Texas Line – May 1994
Mehmet C. Tanis	A Comparison of Migration Methods in Laterally Varying Media – May 1993
Hugh W. Winkler	Some Strategies for Linear Inversion – May 1992
Walter P. Kessinger, III	2-D and 3-D Migration Comparisons from the Costa Rica 3-D Survey – May 1991
Paul S. Riherd	Seismic Investigations of Two Proposed Nuclear Waste Repositories – May 1990
Warren T. Wood	One and Two-Dimensional Velocity Inversion in the Domain of Intercept Time and Ray Parameter: An Example in the Nankai Trough – August, 1989

Co-supervised the following MA candidates:

Stephan Clark	Non-volcanic Rifted Margin, Offshore Portugal: An Integrated MCS and OBS Study – December 1999
Lis Könnecke	Early Development of the Southern Kerguelen Plateau (Indian Ocean) from Ocean Bottom Seismograph and Multichannel Seismic Reflection Data – December 1997
Eddy C. Luhurbudi	Processing a High Resolution 3D Survey of the Shallow Subsurface on the Continental Shelf of New Jersey – May 1997
Kriyanti Setiyono	A Comparative Study of Multiple Suppression Methods – May 1996

Served on the following MA committees:

Trevor J Aitken	Cenozoic Stratigraphic and Tectonic History of the Grenada and Tobago Basins as Determined From Marine Seismic Data, Wells, and Onland Geology - 2005
David L. Gorney	Chronology of Cenozoic Tectonic Events in Western Venezuela and the Dutch Antilles Based on Integration of Offshore Seismic Reflection Data and Onland Geology - 2005
Erick Leuro	GIS compilation of geologic, geophysical, and remote sensing data from St. Elias Mountains, southern Alaska - 2004
Paulo Ricardo Santos	Inversão Elástica 1-D Utilizando Algoritmos Genéticos Universidade Federal da Bahia – December 1997
Timothy J. Hoar	Altimetric Observations of Oceanic Response to Atmospheric Forcing – December 1993

Currently Supervisor of the following MS candidate:

Ali Mansour Aljadher

While at the Universidade Federal da Bahia, Salvador, Bahia, Brazil (July 1985–July 1986) as a Visiting Professor, I supervised 12 MSc. students and the following PhD Candidates:

Raimundo Mesquita de Luna Freire	Migração Por Mudança De Fase Em Duas Etapas (Defense – December, 1987)
Reynam Da Cruz Pestana	Deconvoluçã Na Presença De Ruído Coerente De Alta Amplitude ("Groundroll") (Defense – December, 1987)