

January Session 2009

# NICARAGUA

NASC 310 – Medical Practicum

3 credit hours, P/NP

**Applications due March 28**

(instructor's approval required)

For more information or application, contact Dr. Jeff Osborne





# Outline

- I. Background
- II. Preparation
- III. Clinic
- IV. Traveling Clinic
- V. People
- VI. Dentist
- VII. Future Work
- VIII. Acknowledgements



# 25<sup>th</sup> Medical Practicum January 2009







[http://encarta.msn.com/map\\_701713404/nicaragua.html](http://encarta.msn.com/map_701713404/nicaragua.html)  
(21 March 2009)





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COLOMBIA

San Andrés

Chirripó Grande 3819 m (12,530 ft)

San Isidro

PANAMA

Bocas del Toro

Limón

San José

Puntarenas

Volcán Irazú

COSTA RICA

Liberia

San Carlos

Rivas

Granada

Boaco

Juigalpa

NICARAGUA

Managua

León

Chinandega

Matagalpa

Jinotega

Ocotlán

Nacaome

Yuscarán

Comayagua

Juticalpa

Yoro

San Pedro Sula

La Ceiba

Roatán

Caribbean Sea

BELIZE

Flores

Poptún

Punta Gorda

Puerto Barrios

GUATEMALA

Cobán

Chiquimula

Jalapa

Jutiapa

Nueva

Ocoatepeque

Santa Ana

San Salvador

EL SALVADOR

Choluteca

Sensontepeque

La Paz

Gracias

Santa Rosa de Copán

Puerto Barrios

Punta Gorda

Flores

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Belmopan

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Juticalpa

Wampú

Suhi

Puerto Lempira

Puerto Cabezas

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# Ciudad Antigua

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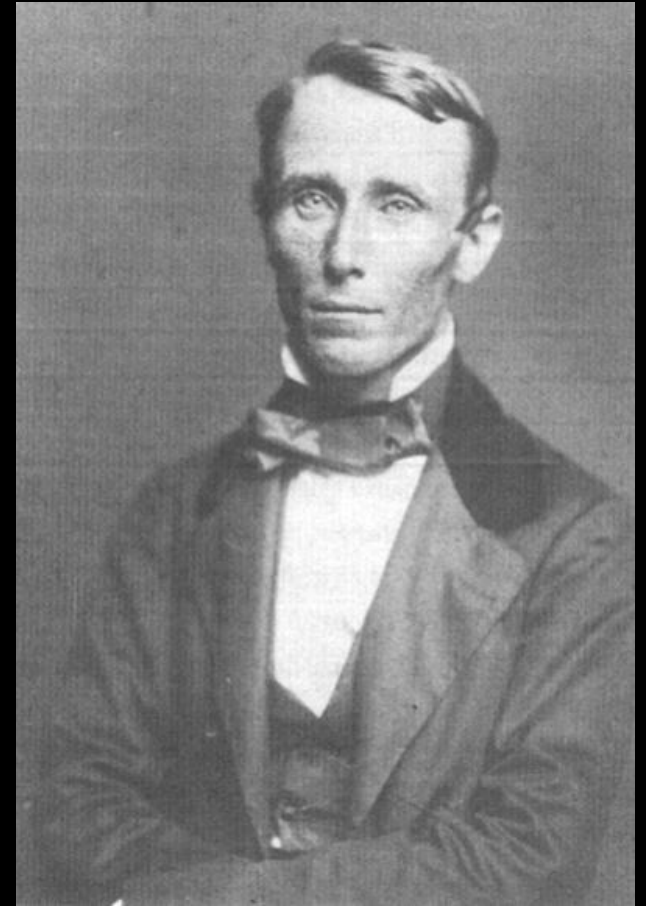


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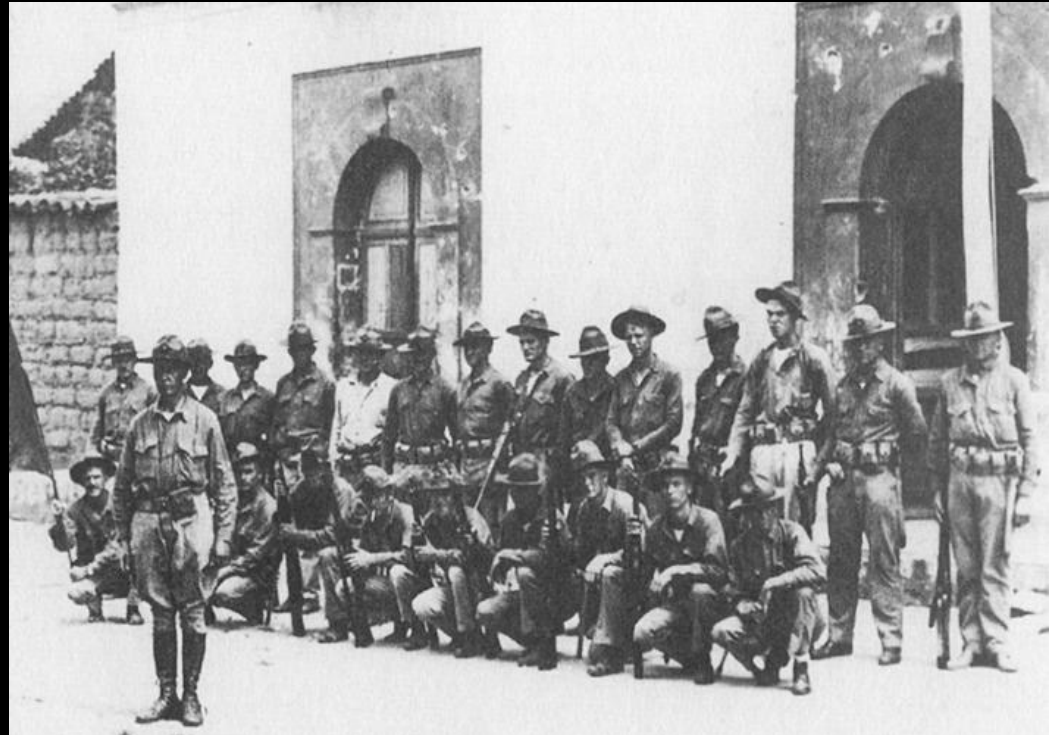


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[http://upload.wikimedia.org/wikipedia/commons/3/3f/Colonel\\_Anastasio\\_Somoza,\\_Jr..jpg](http://upload.wikimedia.org/wikipedia/commons/3/3f/Colonel_Anastasio_Somoza,_Jr..jpg) (22Mar09)

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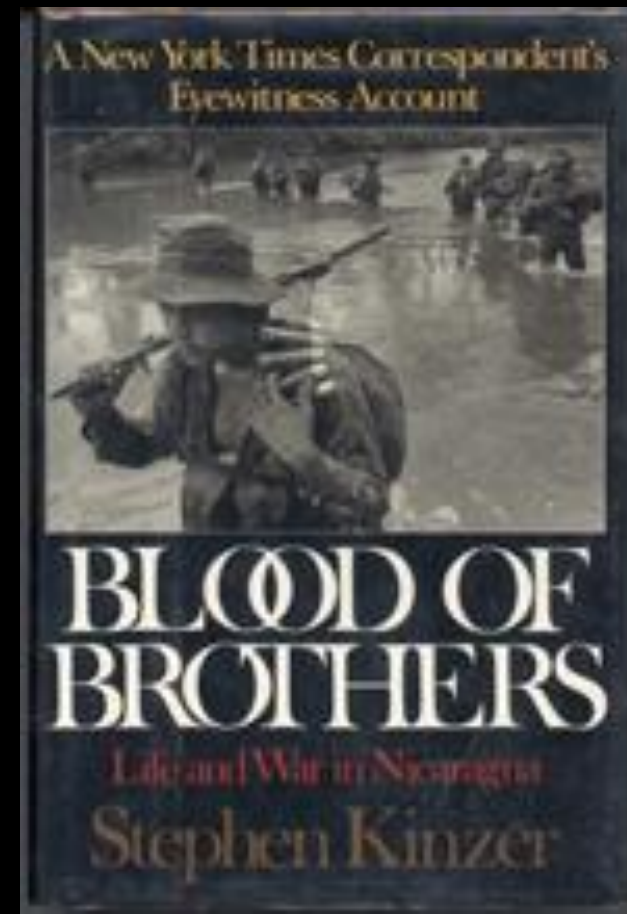


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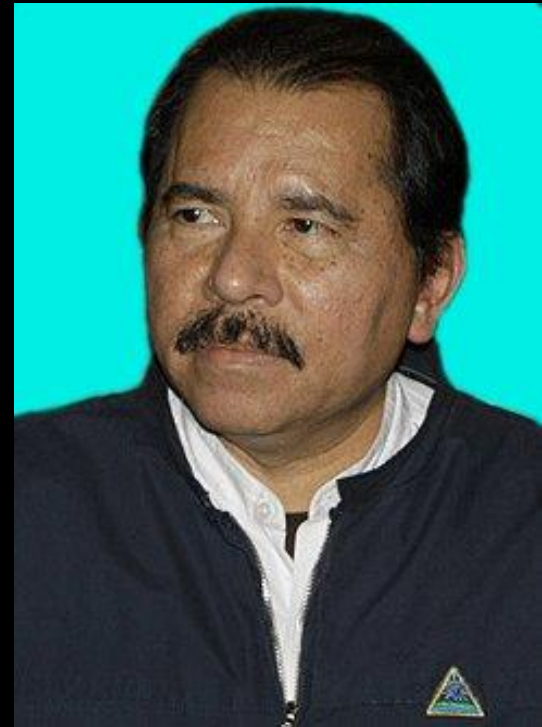


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***2006 Election won by FSLN***



# Poverty in Nicaragua

Fuente: Alcaldías Municipales y PNUD

## ■ NIVELES DE POBREZA EN NICARAGUA



Fuente: Instituto Nacional de Información de Desarrollo, Inide

# Ciudad Antigua









# Lodging





# Latrines





# Sleeping Arrangements



# Children





# Showers





Showers





# Typical Meal





# Food Preparation







Washing Clothes



# Over 1,000 lbs Supplies





# Unpacking Pharmacy









# Pharmacist Greg Donaldson '00



# Counting Pills

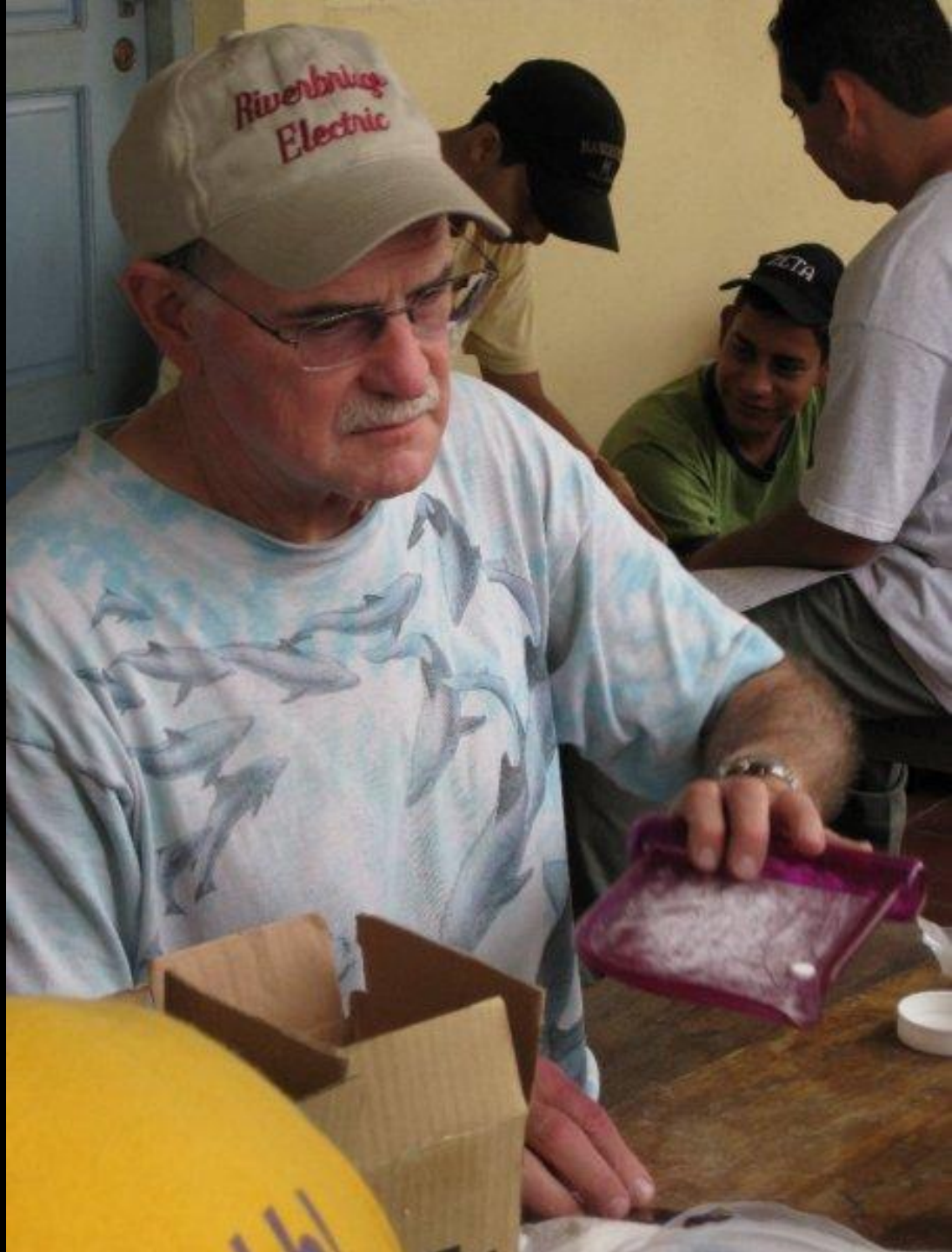




# The Pharmacy



Physician  
Joel  
Eikenberry  
'68





Physician  
Kathy  
Long '71





Physician  
Dean  
Strycker '61





# Physician Bill Fike





# Lara Hall Blosser, Physician Assist.





# Physician Eric Reichenbach









# Intake













# Common Complaints and Diagnoses

Gastritis

Gripe (cold)

Parasites

Headache

Muscle & Joint  
Pains

1,420 patients









# Travel Clinics

























# Travel Challenges









# Traveling Pharmacy







# Nurse and Pharmacist















Doctors











# Music





# Eric's Birthday





# Chicken Hypnotist





# Physical Therapist Maria Osborne











CONDICIONES RECOMENDADAS PARA EL ALMACENAMIENTO  
TEMPERATURA  
15° - 25°C  
HUMEDAD RELATIVA  
35% - 65%

MANEJAR Y ALMACENAR CON CUIDADO

MANEJAR CON CUIDADO Y ALMACENAR EN UN LUGAR SECO Y FRESCO. EVITAR LA EXPOSICIÓN A LA LUZ DIRECTA DEL SOL Y A LA HUMEDAD. EVITAR EL CONTACTO CON SUSTANCIAS CORROSIVAS Y FUEGO. EVITAR EL CONTACTO CON SUSTANCIAS VOLÁTILES Y LÍQUIDOS. EVITAR EL CONTACTO CON SUSTANCIAS SÓLIDAS Y GASEOSAS. EVITAR EL CONTACTO CON SUSTANCIAS SÓLIDAS Y GASEOSAS. EVITAR EL CONTACTO CON SUSTANCIAS SÓLIDAS Y GASEOSAS.

























# Children





























# Fiesta del Señor de los Milagros













Dentist  
Mark  
Shafer  
'88





# Dentistry





115  
Patients

362  
Extractions





# Translators





# Organization





# Minister of Health





A dramatic landscape photograph featuring a sunset or sunrise. The sky is filled with large, dark clouds that are illuminated from below by a bright orange and yellow light, creating a fiery effect. The sun is positioned low on the horizon, partially obscured by the silhouettes of trees and mountains. The foreground consists of a body of water, likely a lake or a wide river, which reflects the intense colors of the sky. The water's surface is covered in small, dark ripples. The overall mood is serene yet powerful, capturing a moment of natural beauty. The text "Future Work" is centered in the lower half of the image, written in a bold, yellow, sans-serif font.

# Future Work



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## ■ NIVELES DE POBREZA EN NICARAGUA



Fuente: Instituto Nacional de Información de Desarrollo, Inide



# Acknowledgments

The Medical Professionals

Ed and Martha Miller

Julie Garber

Manchester Church of the Brethren

H.C. Gemmer Family Christian  
Foundation

26 Individual Donors



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