

2024 Medical Practicum - Ríbaco, Guatemala



Students

Clara Bultman	Biology-Chemistry Junior
Kyla Drake	Biology-Chemistry Senior
Vianey Lucio	Biology-Chemistry Senior
Rebekah Milburn	Biology-Chemistry Senior
Lauren O'Neil	Pre-Pharmacy First-Year
Ben Reichenbach	Post-Baccalaureate
Jisaly Romano	Biology-Chemistry Junior
Macaria Tierney	Biology-Chemistry First-Year
Bradley Walling	Biology-Chemistry Second-Year
Layla Jenson	Biology-Chemistry Senior
Pallavi Kaushal	Post-Baccalaureate

Acknowledgements

Providers

Manchester Family
Dentistry

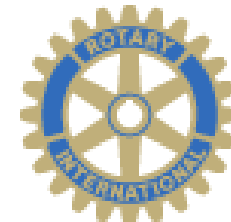
26 Individual Donors

Dr. Matthew & Janel
Sprunger

Medicines and Supplies
Med. Pract. Endowment

Donald B. Miller Estate

FUNDENOR



Host Communities

2024 Medical Practicum

A Short-Term Experience in Global Health

- I. Background
- II. Guatemala
- III. Clinic
- IV. Outcomes
 - I. Consultations
 - II. Participants
- V. Future

January Session 2024

GUATEMALA

NASC-310 Medical Practicum



Manchester
University



Apply at medicalpracticum.manchester.edu by March 6, 2023

Learning Goals

1. Serve the host communities with **cultural humility**.
2. Assist physicians, dentists, and pharmacists on our team, in providing **health care**.
3. Interact with **patients** of all ages and with great variety of health needs.
4. Live for a few weeks without some of the **luxuries** often considered to be **necessities**.
5. Experience being a **minority**, and **outsider**, and feel the frustration of **insufficient language ability**.
6. Immerse in the culture of a **developing country**.

U.S. Participants

452 Students

147 Different U.S. Healthcare Providers

34 Former Students

72 Other staff

58% Entered Healthcare

102 Physicians

28 Dentists

32 Pharmacists

18 Physicians Assistants

22 Nurses

7 MPH



MEXICO

BELIZE

1, 7

GUATEMALA

Guatemala

HONDURAS

3

Tegucigalpa

San Salvador

EL SALVADOR

NICARAGUA

6

Managua

5

San José

COSTA RICA

2

PANAMA

Panamá

Medical Practicum Locations

1981-2024

38 Trips

24 Nicaragua

5 Guatemala

Location Requirements

Permission for working in country

Support and facilities at locale

High health care need

Cultural experience for students

Local Partners

Churches 1981-1990

Social/Political Organizations 1993-2003

Federal Government 2004-2018

University 2018

Non-Governmental Organization 2019-2024

Community Governments 2023-2024





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Guatemala Family Development
Changing Lives. Nurturing Hope.

FUNDENOR

Solidarity

Sustainable solutions

Improving quality of life

<https://www.guatemalafamilydevelopment.com/>

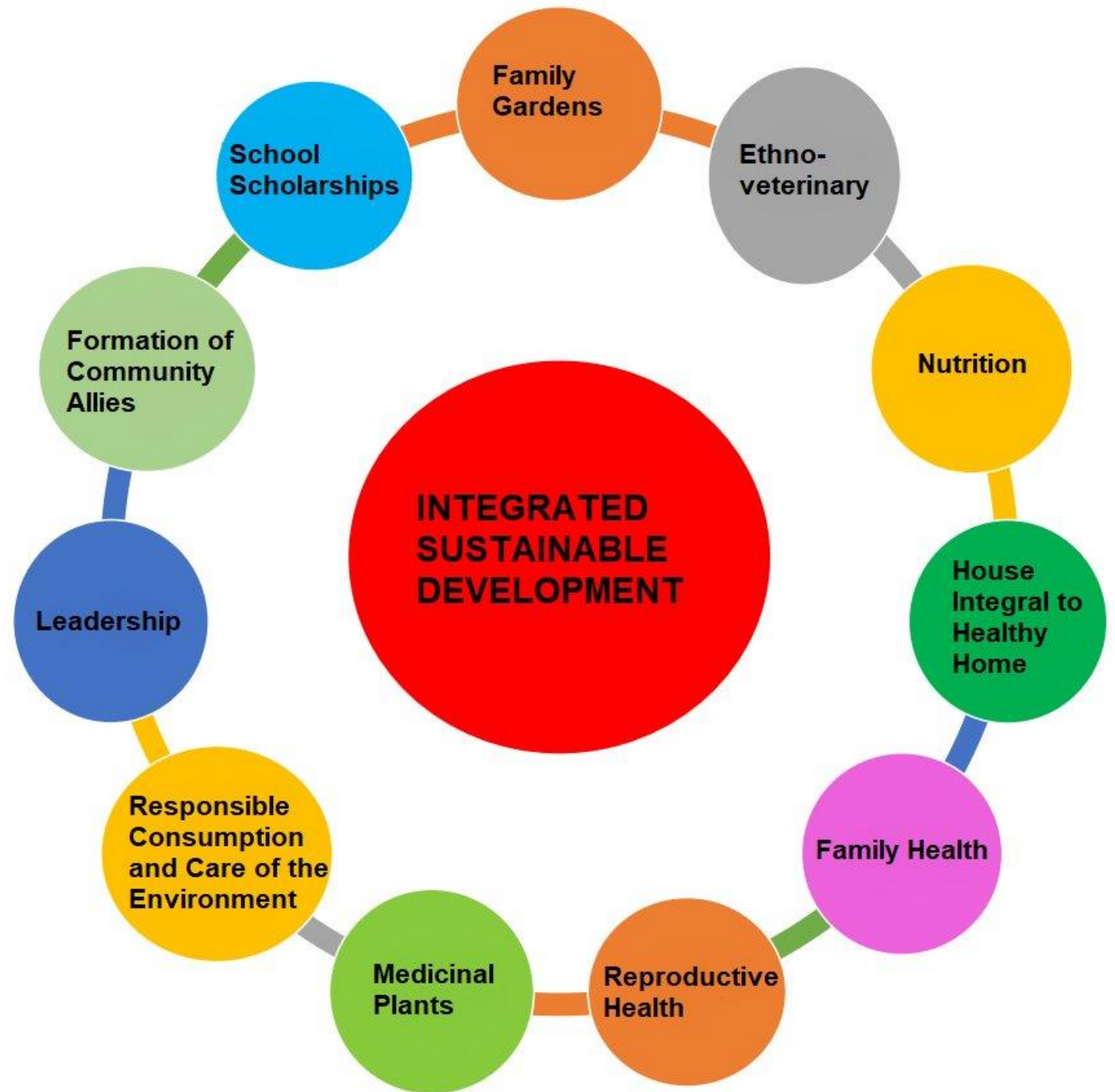


COCODE

Consejo de Comunitarios de Desarrollo
Urbano y Rural de Guatemala

Community Councils of Urban and Rural
Development of Guatemala

Social Determinants of Health



Packed Clinic Supplies











Ríbaco



Ríbaco



Ríbaco

Guatemala, and the Maya



Periods of History in Guatemala

Innovative & Intelligent
Ancient Civilization

Spanish Conquest &
Encomienda System

Reclaiming and
Redefining a Nation

~1500 BC – ~1000AD

1524

Present Day



**Deciphering
Histories
of Robbery,
Subjugation, and
Erasure**



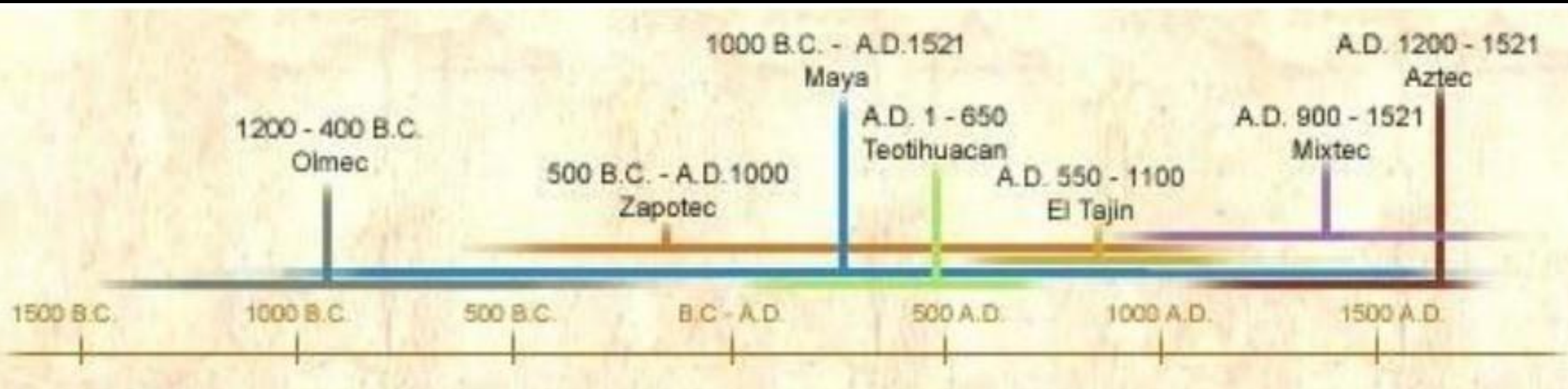
Timeline of Civilization

Developed: ~1000 B.C.

"Golden Age": 400 B.C. — 250 A.D.

Collapse and Restructuring: 250 A.D. — 800 A.D.

Second Collapse: 800 A.D. — 1000 A.D.



Collapse of Civilization



Age of the Aztec
~1000 A.D. —
1541 A.D.

Where did the Maya
go?

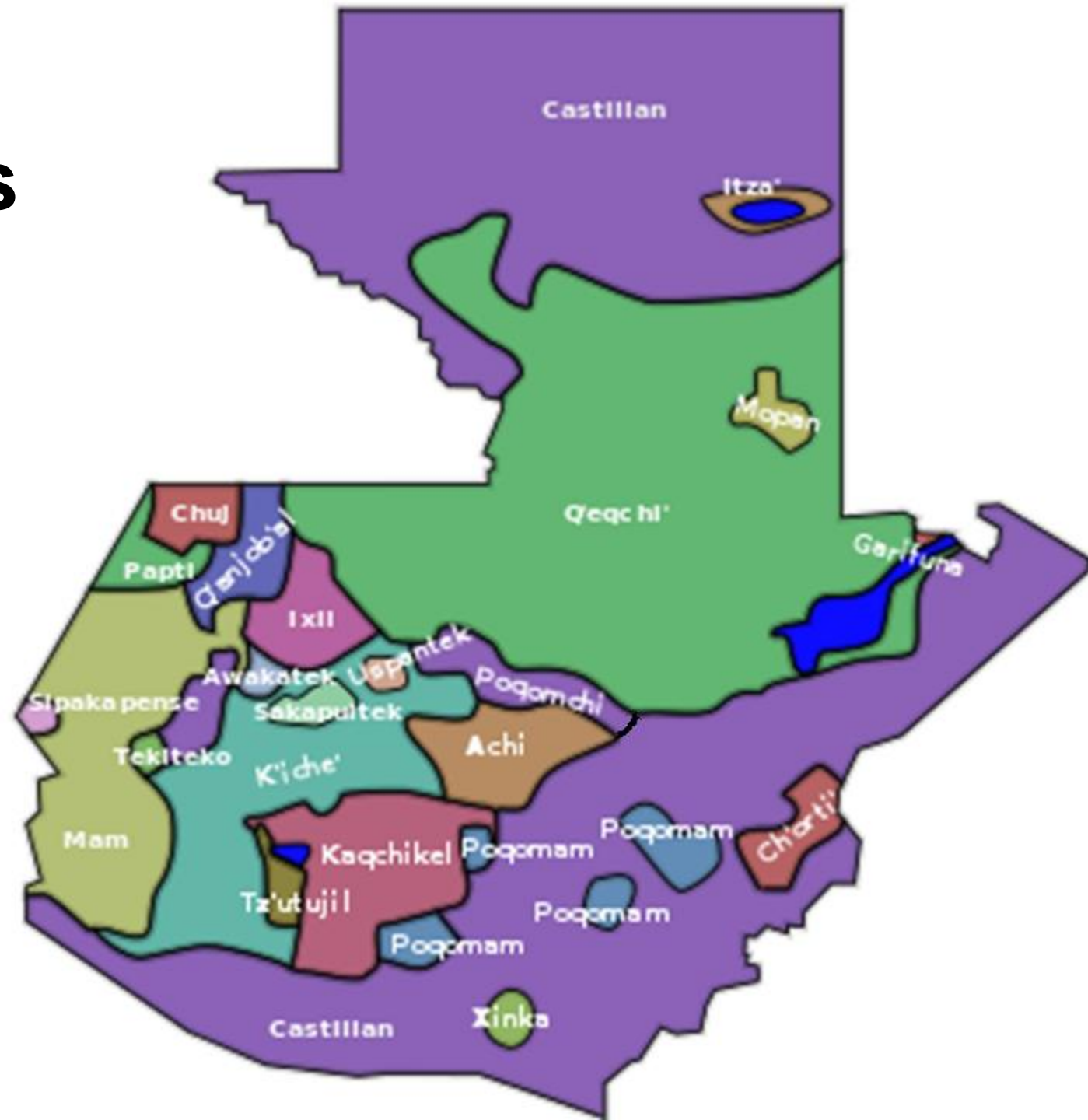


Guatemala Indigenous

Maya

Q'eqchi'

Poqomchi'





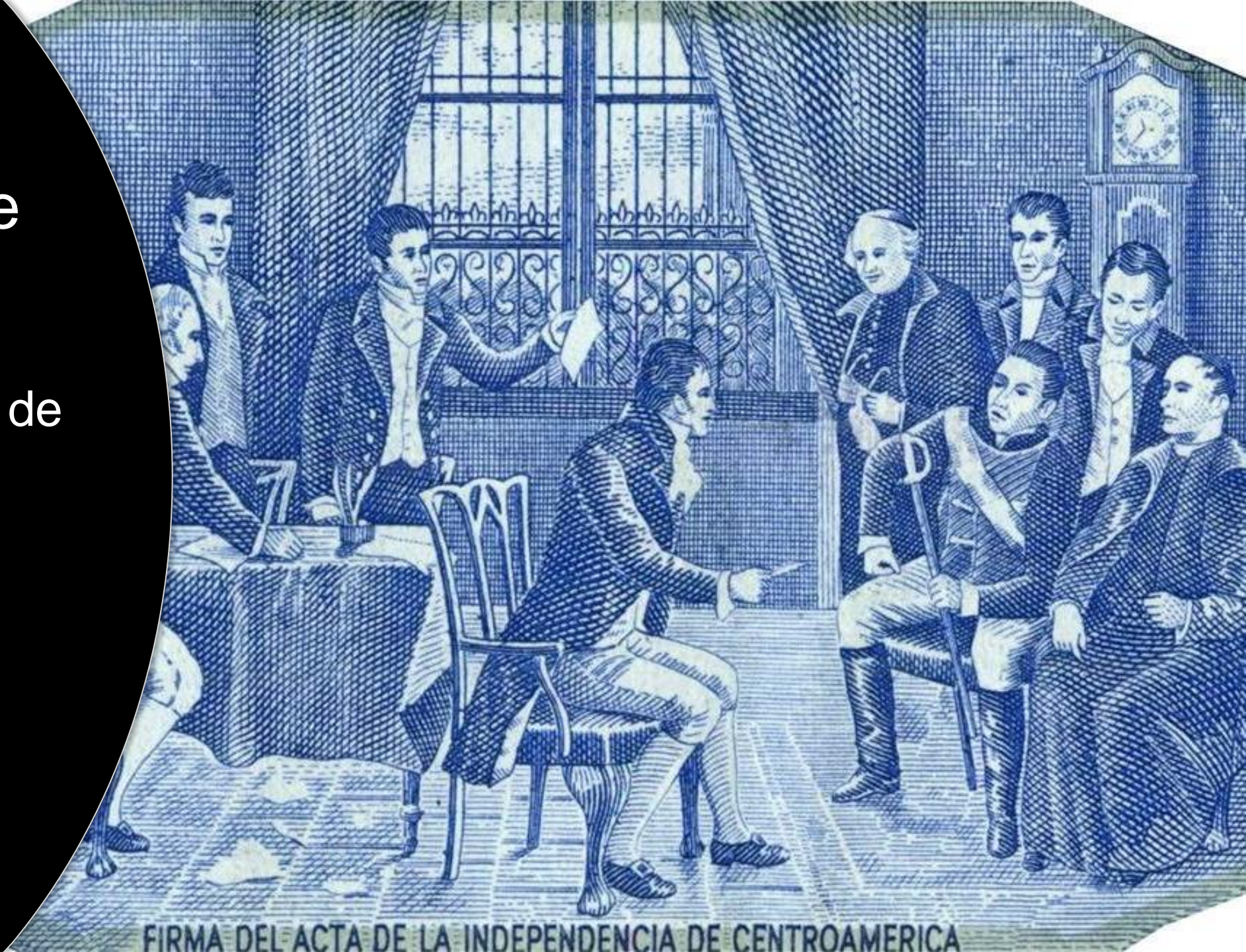
The Spanish and the Encomienda



Independence from Spain

República Federal de
Centroamérica:
1824 – 1841

Independent
Governance: **1841**



FIRMA DEL ACTA DE LA INDEPENDENCIA DE CENTROAMERICA



Recent History

U.S. Foreign Policy
Banana Republic
Exploitation
Civil War
Genocide



The Guatemalan Civil War

1960 – 1996



New Hope in the Modern Day



"GUATEMALA CITY, March 10 – President Clinton expressed regret today for the U.S. role in Guatemala's 36-year civil war..."

Charles Babington Washington Post, 1999

Trial of Dictator Efraín Ríos Montt, 2013

Convicted of Genocide
and Crimes against
Humanity

80-year sentence



New Leadership in Bernardo Arévalo

Promise for the Future:

Fighting Corruption

Building Rural
Economies

Promoting Health and
Equity



Tikal



Río Dulce River



The Beach



Antigua



Hospital in Purulhá



Transportation to Clinic in Ríbaco



Living Conditions



Mats



Beds



Evening



Charging



Laundry



Drying Laundry



Showers



Bathing



Water Purification



Food



Lunch / Dinner





Helping Cooks

Transportation During the Clinic



Trucks



Clinic



Intake Side of Clinic



Pediatrics and Adult Medicine



Patient Ticket

JORNADA MEDICA



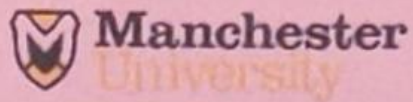
GINECOLOGÍA



Fecha: 16-01-2023

**COMUNIDAD SEDE:
VISTA HERMOSA**

JORNADA MEDICA



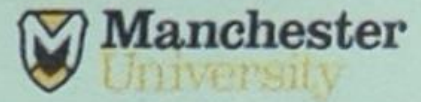
PEDIATRÍA



Fecha: 16-01-2023

**COMUNIDAD SEDE:
VISTA HERMOSA**

JORNADA MEDICA



MEDICINA ADULTOS



Fecha: 16-01-2023

**COMUNIDAD SEDE:
VISTA HERMOSA**

Pharmacy



Pediatrician



Orthodontist

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ODONTOLOGÍA



DOCTORES:

Gynecologist

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GINECOLOGÍA



DOCTORES:

Adult Medicine



Interpreters





Interpreting in Women's Health

Christy Whitten-Amadon, R.N., M.S.N., 1st Trip



Intake





$$BMI = \frac{\text{weight (kg)}}{\text{height}^2(\text{m})}$$

Bill Fike, M.D., Internal Medicine, 16th Trip





Eric Reichenbach, M.D., Family Medicine, 5th Trip





Jessamine Hippensteel, D.O., Family Medicine, MC '04, 3rd Trip



Heidi Loomis, D.Midwifery, C.R.N.P., C.N.M., 1st Trip



Paul Fry-Miller, PA-C, MC '75, 14th Trip

Rhonda Whitten, M.S.N., C.N.M., 4th trip





Kierstan Hanson, Pharm.D., 2nd Trip



**Samantha
Alspaugh, 2nd Trip**

**Brionne Ferguson, 1st Trip
4th Year Pharm.D.
Students**



Robert Studebaker, D.D.S., MC'91, 8th Trip



Dr. Rosita

Dr. Marvin



Lauren Hedges, D.D.S., MU '17, 2nd Trip





JORNADA MEDICA
Humberto
Trinstructor

LAUREN
O'Neil
Estudiante

**Marila Escobar,
Psychologist**





Anna Bowling, 4th-Year M.D. Student, 1st Trip

Laboratory



**Dr. Jeff
Osborne,
Ph.D., 14th trip**



"It's not about the numbers.... but let's hear some numbers." -Jefe

1413 consultations

2424 prescriptions

422 tooth extractions

359 lab tests

\$28,948 medicines and medical/dental supplies

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<https://mygift.manchester.edu>