



Resurgence of Syphilis in China: A Biosocial Introduction

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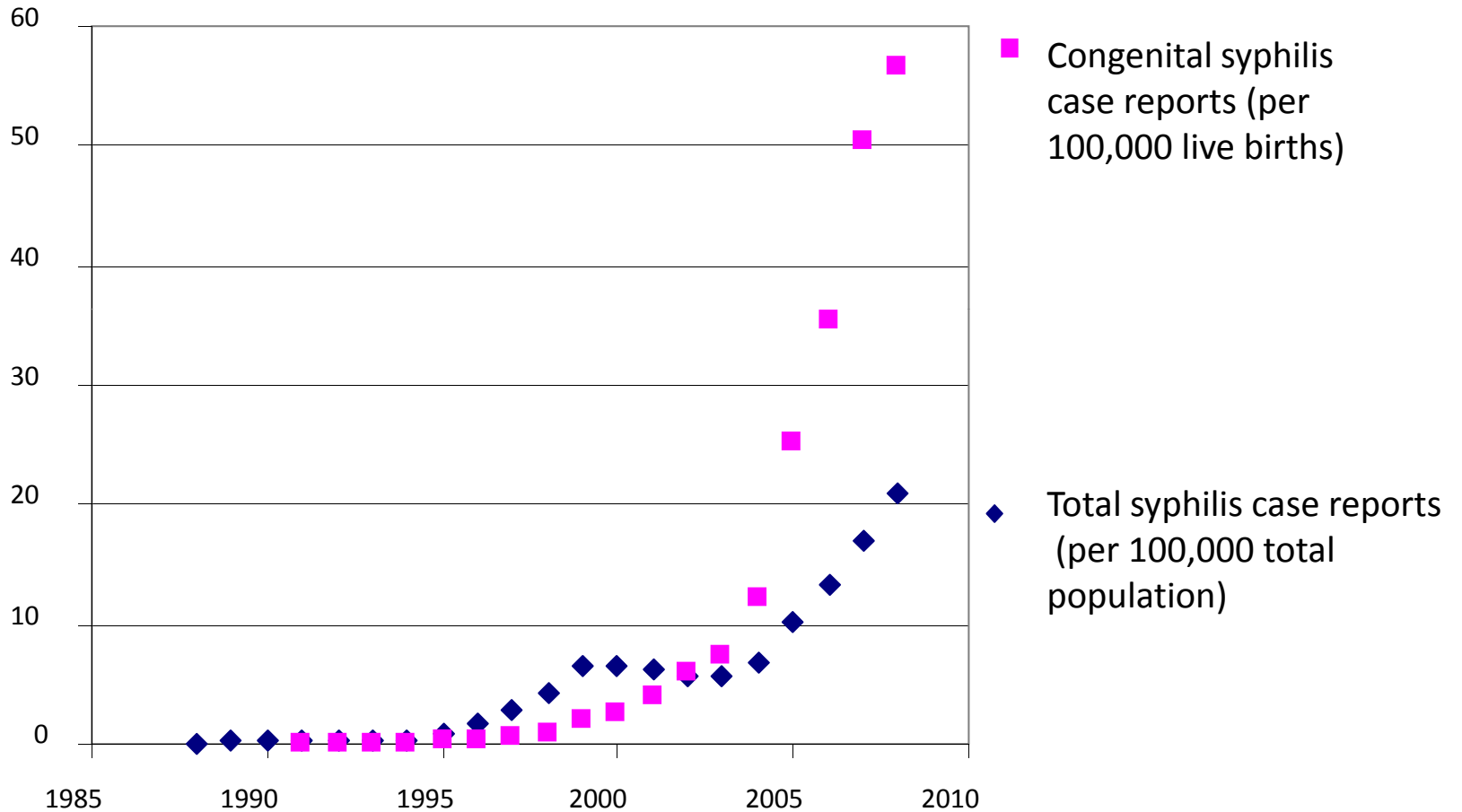
PART 1: SYPHILIS ROOTS

PART 2: SYPHILIS RESPONSE

PART 1: SYPHILIS ROOTS

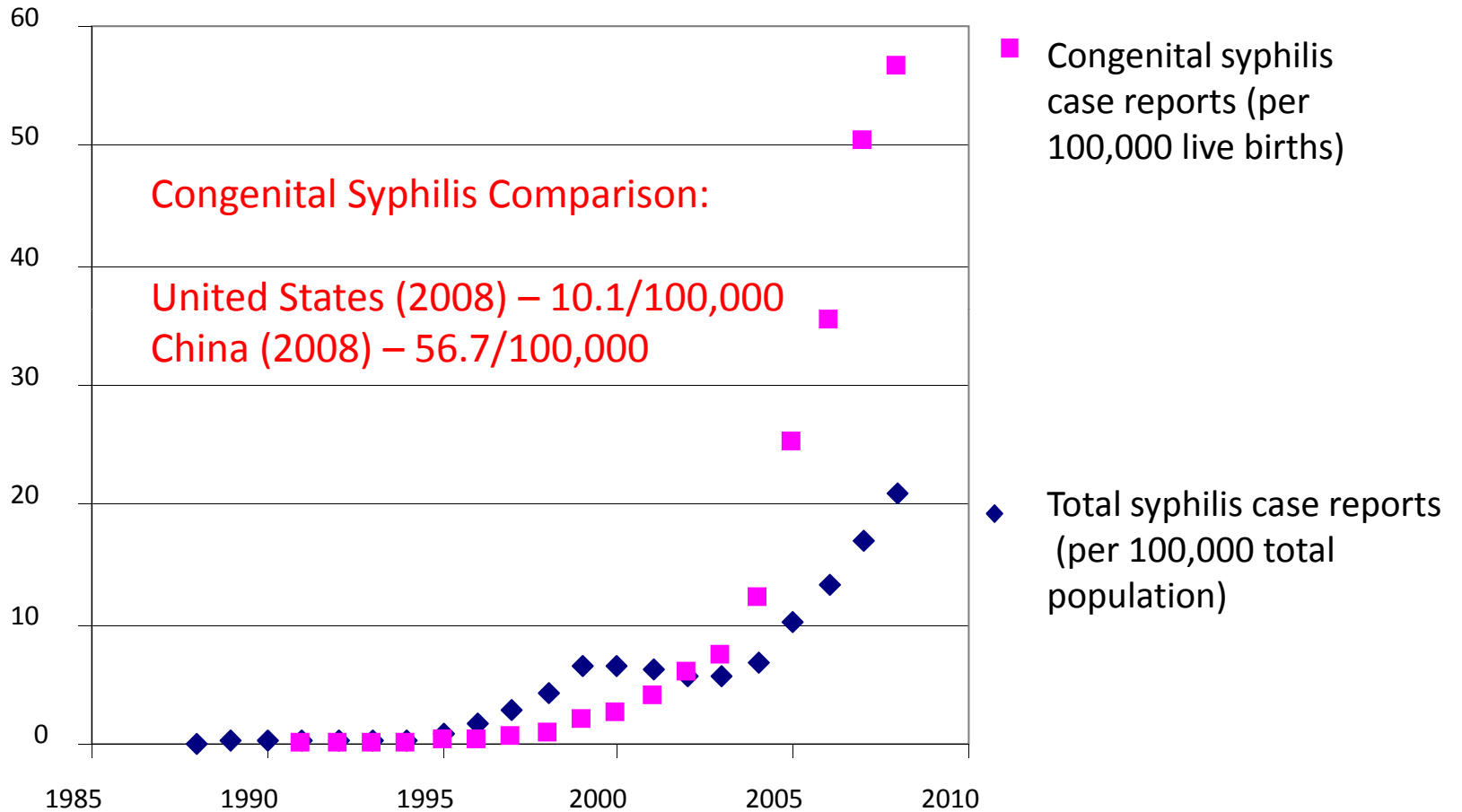
PART 2: SYPHILIS RESPONSE

Increasing Reported Adult & Congenital Syphilis in China



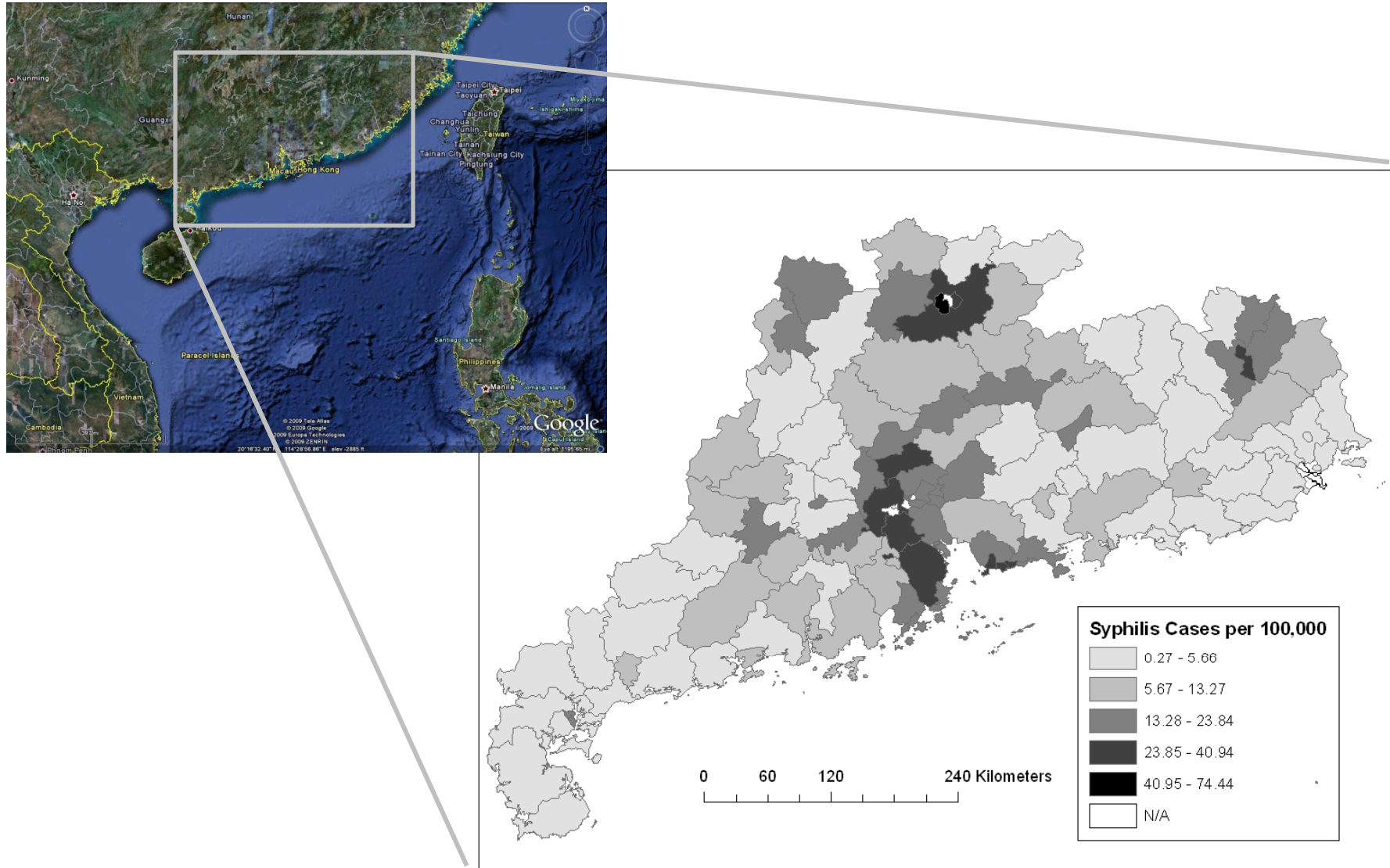
Reported overall syphilis and congenital syphilis reported cases per 100,000 population and per 100,000 live births respectively. Data are from the National Center for STD Control and Prevention in Nanjing, China (Chen et al., *Lancet*, 2007; Tucker et al., *NEJM*, 2010).

Increasing Reported Adult & Congenital Syphilis in China

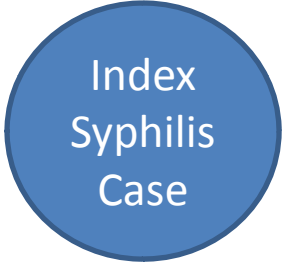


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“Guangdong Boils”



Reported syphilis cases per 100,000 population by county/district in 2008
PLoS ONE, 2011, PMID: 21573127

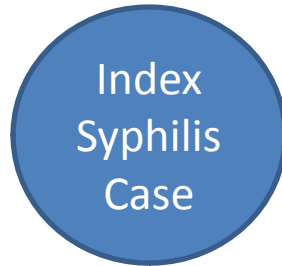


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Syphilis
Case

Biological Dilemmas

Protean clinical manifestations

Lesions naturally disappear

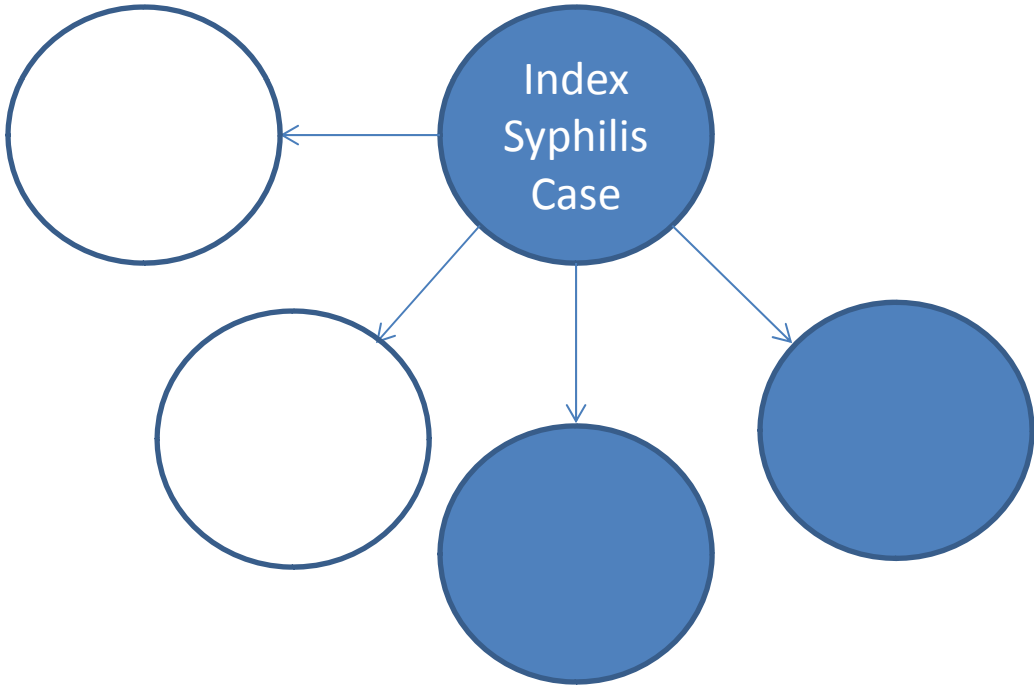


Biological Dilemmas

Protean clinical manifestations

Lesions naturally disappear

50-60% transmission rate

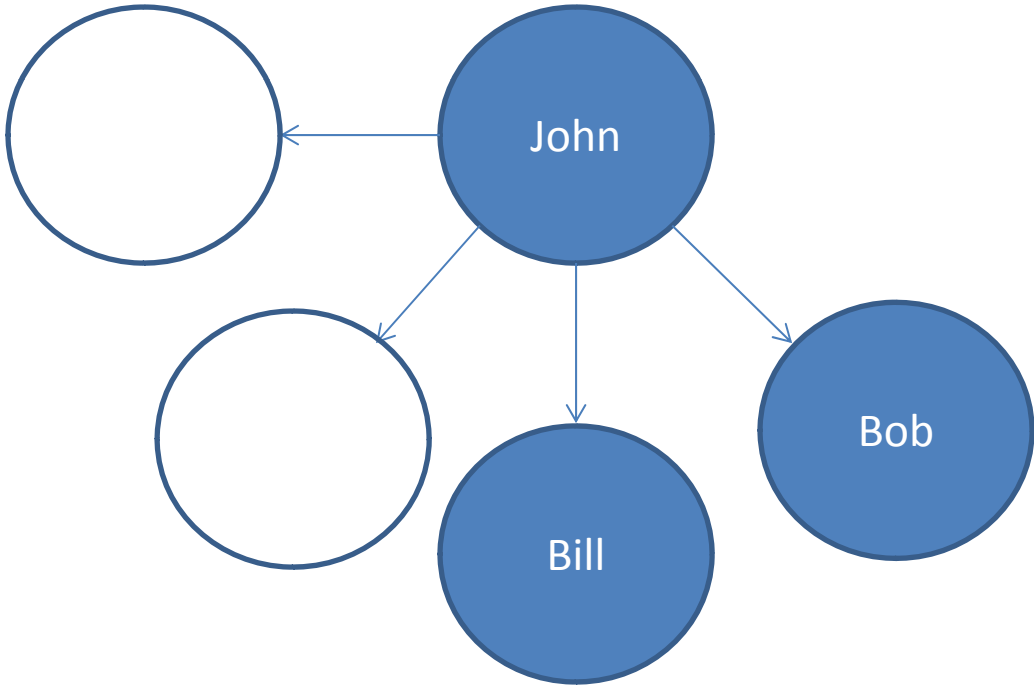


Biological Dilemmas

Protean clinical manifestations
Lesions naturally disappear
50-60% transmission rate

Social Issues

Sex partner contact tracing incomplete
Homophobia in some contexts

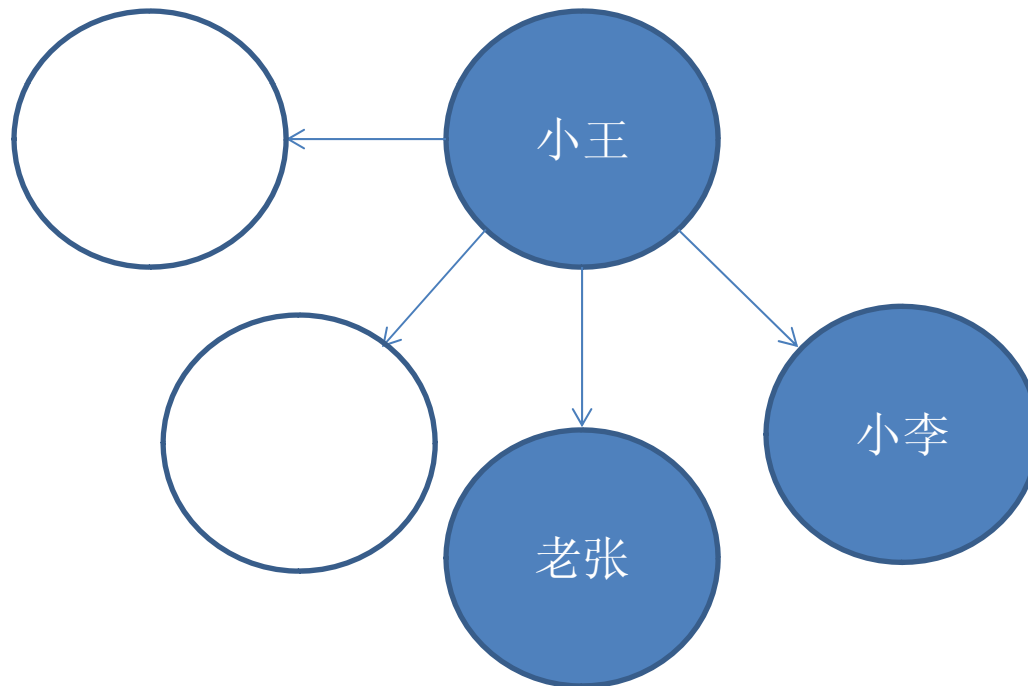


Biological Dilemmas

Protean clinical manifestations
Lesions naturally disappear
50-60% transmission rate
Possible lack of immunity in China
Heterosexual and homosexual cases

Social Devastation

Sex partner contact tracing largely absent
Widespread homophobia
Break up families, relationships, loss of face
Large commercial sex sector
High-risk businessmen and surplus men



PART 1: SYPHILIS ROOTS

PART 2: SYPHILIS RESPONSE

Nascent China-US cooperation



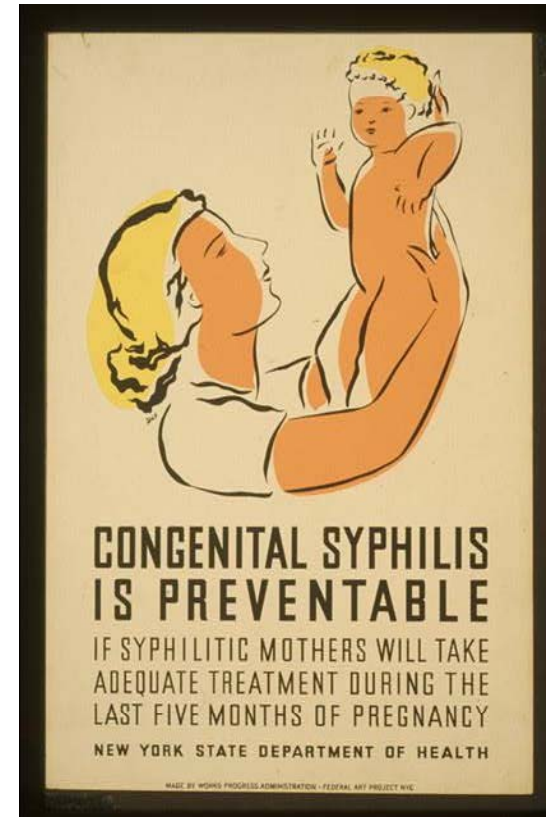
George Hatem (马海德)

Left: Porter, *The People's Doctor: George Hatem and China's Revolution*. 1997. University of Hawaii Press.

Right: Courtesy B. Bloom.

New Syphilis Policies: Momentum for Change

- National 2010-2020 Syphilis Prevention and Control Program
- Explicit benchmarks for decreasing adult and congenital syphilis
- Integration with other prenatal screening (HIV and HBV)



China Ministry of Health. Notice of the Ministry of Health on Issuing National Program for Prevention and Control of Syphilis in China (2010-2020).

[http://www.gov.cn/gzdt/2010-06/21/content_1632301.htm]

“Compass for Action”



Social entrepreneurship for sexual health

- Sustained, multi-sectoral responses¹
- Horizontal organizational links emphasized¹
- Decentralization of testing, resources, and capacities
- Culturally appropriate and tailored responses

¹Tucker et al., *PLoS Medicine*, In Press

Sexual Health 2.0



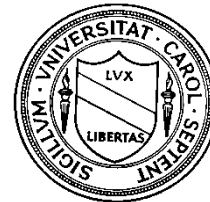
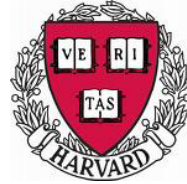
Population Development and Community Association, Thailand

Multisectoral & Multilateral

- Cultivate local networks that bring together physicians, public health, entrepreneurs, and social entrepreneurs
- Health diplomacy framework



Thank you



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