# BIOGRAPHICAL SKETCH

| NAME | POSITION TITLE |
|---|---|
| Paula Mendes Luz | PhD Candidate<br>Epidemiology of Microbial Diseases<br>Yale University |

EDUCATION/TRAINING

| INSTITUTION AND LOCATION | DEGREE *(if applicable)* | YEAR(s) | FIELD OF STUDY |
|---|---|---|---|
| Fluminense Federal University (UFF) | MD | 2002 | Medicine |
| Rio de Janeiro State University (UERJ) | MSc | 2005 | Epidemiology |

**A. Positions and Honors.**

Previous Employment/Professional experience

2001-02 Internship, Infectious Diseases, Hospital Antonio Pedro, UFF
2003-05 Research Assistant, Pertussis Epidemiology, Brazilian Research Council

Honors

2002 Best Junior Research Fellow, Oswaldo Cruz Foundation (FIOCRUZ)
2004 Honors Student Scholarship, State of Rio de Janeiro Research Funding Agency

**B. Selected peer-reviewed publications (in chronological order).**

Research

Epidemiology of infectious diseases
Modeling of infectious diseases

Publications

Codeço CT; Luz PM. Is pertussis actually re-emerging? Insights from an individual-based model. Reports in Public Health, 17(3): 491-500, 2001.

Luz PM; Codeço CT; Werneck GL. The resurgence of pertussis in developed countries: a problem for Brazil as well? Reports in Public Health, 19(4): 1209-1213, 2003.

Luz PM; Codeço CT; Massad E; Struchiner CJ. Uncertainties Regarding Dengue Modeling in Rio de Janeiro, Brazil. Memórias do Instituto Oswaldo Cruz, 98(7): 871-878, 2003.

Codeço CT; Luz PM; Struchiner CJ. Risk assessment of yellow fever urbanization in Rio de Janeiro, Brazil. Transactions of the Royal Society of Tropical Medicine and Hygiene, 98(12): 702-710, 2004.

Struchiner CJ; Luz PM; Dourado I; Sato HK; Aguiar SG; Ribeiro JGL; Soares RCR; Codeço CT. Risk of fatal adverse events associated with 17DD yellow fever vaccine. Epidemiology and Infection, 132(5): 939-946, 2004.

Luz PM; Codeço CT; Werneck GL; Struchiner CJ. A modelling analysis of pertussis transmission and vaccination in Rio de Janeiro, Brazil. Epidemiology and Infection, 134(4): 850-862, 2006.

Struchiner CJ; Luz PM; Codeço CT; Coelho FC; Massad E. Current research issues in mosquito-borne diseases modeling. Contemporary Mathematics, 410:349-366, 2006.

Codeco CT; Luz PM; Coelho F; Galvani A; Struchiner CJ. Vaccinating in disease-free regions: a vaccine model with application to yellow fever. Journal of the Royal Society Interface, in press, 2007.