BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>POSITION TITLE</th>
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<tbody>
<tr>
<td>Yorghos Apostolopoulos</td>
<td>Associate Professor of Public Health</td>
</tr>
</tbody>
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<tr>
<th>eRA COMMONS USER NAME</th>
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<td>Y_APOSTO</td>
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**EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)**

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<tr>
<th>INSTITUTION AND LOCATION</th>
<th>DEGREE</th>
<th>YEAR(s)</th>
<th>FIELD OF STUDY</th>
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<tbody>
<tr>
<td>University of Athens, Athens, Greece</td>
<td>BSc</td>
<td>1987</td>
<td>Exercise Science</td>
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<tr>
<td>University of Connecticut, Storrs, Connecticut</td>
<td>MA</td>
<td>1990</td>
<td>Kinesiology</td>
</tr>
<tr>
<td>University of Connecticut, Storrs, Connecticut</td>
<td>PhD</td>
<td>1994</td>
<td>Sociology</td>
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**A. Personal Statement:** My research delves into the nexus of occupational health and social epidemiology, focusing over the past decade on commercial drivers, examining links between their work environment and (a) cardiometabolic, cancer, and psychiatric comorbidities, and other adverse outcomes such as fatigue, sleep apnea, accidents, and diminished productivity and (b) substance misuse and infectious disease acquisition and dissemination. The ultimate goal of this twofold research agenda is the delineation of the role of the commercial driving work environment in driver health, and the eventual implementation of health-promotion programs via multilevel, multistakeholder interventions that simultaneously consider driver health, productivity, and wellbeing, as well as highway safety. This work has been supported with extramural and intramural funding and has been the focus of my peer-reviewed publications. My extensive preliminary work and the failure of conventional epidemiology to provide sufficient explanations to commercial drivers’ complex health afflictions have laid the groundwork for the application of system-dynamics modeling in our proposed investigation. My long-standing success in this line of work, my experience in administering projects of relevance to this proposal, along with my collaboration with scholars of high caliber attest to my commitment, passion, leadership, and expertise necessary to successfully carry out the proposed work. Grounded in systems-science methodologies, the goal of the proposed investigation is to uncover the dynamic and complex pathways among interacting multilevel components and underlying mechanisms of truck drivers’ cardiometabolic disease. To accomplish this goal, we will: (a) collect multimarker data from truck drivers to fill gaps in the understanding of the work environment’s role in drivers’ cardiometabolic disease and (b) triangulate these primary data with secondary data on trucking organization and trucker health and expert input from trucking and occupational health specialists to conduct system-dynamics modeling to deconstruct the dynamic complexity of truckers’ cardiometabolic disease.

**B. Positions and Honors**

**Positions and Employment (selected)**

- **2002-2006**  Associate Professor of Social Epidemiology, Founding Director, Mobility and Population Health Unit, Division of Infectious Diseases, Emory University School of Medicine, Atlanta, Georgia
- **2006-**     Clinical Associate Professor of Medicine, Division of Infectious Diseases, Emory University School of Medicine, Atlanta, Georgia
- **2006-2007** Associate Professor of Medical Sociology (Adjunct), Department of Nursing, University of Athens School of Health Sciences, Athens, Greece
- **2006-2007**  Professor of Public Health Sciences (Adjunct), Division of Public Health Administration, Hellenic Open University, Patra, Greece
- **2006-2007**  Professor of Social Epidemiology (Visiting), Cyprus International Institute for the Environment & Public Health (with Harvard School of Public Health), Nicosia, Cyprus
- **2007-2008**  Associate Professor of Social Epidemiology, Program of Health Sciences, Zayed University, Abu Dhabi, UAE
- **2009-**     Associate Professor of Public Health, Department of Public Health Education, University of North Carolina, Greensboro, North Carolina
C. Peer-Reviewed Publications (selected/relevant to commercial drivers and proposed investigation)


D. Research Support

Active (selected)

- **Sleep disorders and associated comorbidities/hazards among truck drivers**
  
  **PI:** Yorghos Apostolopoulos
  
  **Objectives:** Grounded in ecosocial and occupational stress theories, we will assess the complex pathways among the multilevel trucking occupational context, sleep disorders, and associated comorbidities and occupational hazards among truck drivers.
  
  **Funding source:** Regular Faculty Research Grants, Office of Research and Economic Development, University of North Carolina, Greensboro, North Carolina, 2011-13
• **Work conditions and the occupational health and wellbeing of hotel housekeepers**
  Consultant: Yorghos Apostolopoulos (PI: Jerrie Hsieh, Bryan School of Business and Economics, University of North Carolina, Greensboro, North Carolina)
  Objectives: To examine connections between the work conditions of hotel housekeepers and their physical and psychological health and well-being. Study will identify buffering factors that may alleviate work-related injuries and illnesses and offer recommendations for improving the occupational health of hotel housekeepers and enhancing the quality of their work and overall lives.
  Funding source: Regular Faculty Research Grant, Office of Research and Economic Development, University of North Carolina, Greensboro, North Carolina, 2011-13

• **Safer nightlife settings for young adults: Development of an online risk assessment instrument**
  Consultant: Yorghos Apostolopoulos (PI: Sevil Sönmez, Bryan School of Business and Economics, University of North Carolina, Greensboro, North Carolina)
  Objectives: Predicated on the hypothesis that young adults’ elevated nightlife risk is attributable to the overall environment that nightlife and tourism sectors create for revenue maximization, this project will develop and construct validate an online survey that measures the multilevel safety and health risks for young adults in urban and resort nightlife settings.
  Funding source: Regular Faculty Research Grant, Office of Research and Economic Development, University of North Carolina, Greensboro, North Carolina, 2010-12

**Completed (selected)**

• **Trucking work settings as obesogenic environments**
  PI: Yorghos Apostolopoulos
  Objectives: To ascertain how governmental, corporate, institutional, trucking, and built-environment influences hinder truckers’ healthful dietary and physical activity patterns.
  Funding source: School of Health and Human Performance, University of North Carolina, Greensboro, North Carolina, 2009-11

• **Geography, networks, and risk in disease transmission**
  Consultant: Yorghos Apostolopoulos (PI: Richard Rothenberg, Emory University School of Medicine and Georgia State University, Atlanta, Georgia)
  Objectives: To describe the interaction of geographic and network characteristics of communities whose drug use and injection as well as sexual activity place them at high risk for transmission of sexually transmitted and bloodborne infections.
  Funding source: NIDA, 2005-10 [R01-DA019393-01A1]

• **Trucker networks, drug use, and disease transmission**
  PI: Yorghos Apostolopoulos
  Objectives: To study the sexual and drug exchanges among social and risk networks of American long-haul truck drivers and their potential role in the acquisition and dissemination of sexually transmitted and bloodborne infections.
  Funding source: NICHD, 2002-06 [R01-HD042972]

• **Modeling HIV and STDs in drug users and social networks**
  Co-I: Yorghos Apostolopoulos (PI: Martina Morris, University of Washington, Seattle, Washington)
  Objectives: To explore relationships of network factors to disease dissemination, diverse empirical and theoretical approaches are utilized that involve the systematic analysis of completed studies that contain network data.
  Funding source: NIDA, 2001-06 [5R01-DA012831-03]

• **The social organization of high-risk sexual behaviors at truckstops: Evaluation and intervention strategies**
  PI: Yorghos Apostolopoulos
  Objectives: (1) To investigate the social organization of sexual and substance misuse patterns among risk populations of trucker networks in the southwest; (2) to explore their sociocultural and physical contexts and potential role in disease dissemination; and (3) to develop preventive intervention programs for truckstops and inner-city areas for the reduction of risk for HIV infection and other STIs.
  Funding source: Arizona State University, Tempe, Arizona, 2000-02