

### Contrasting Biomedical Research and Behavioral and Social Sciences Studies: Global Trends and Regional Variations in Studies of HIV/AIDS

#### SEMINAR SESSION INFORMATION

**DATE:** Wednesday, Feb. 15

**TIME:** 12:15pm

**LOCATION:** Durham 260

**PROVIDED:** Pizza and Soda

#### SPEAKER INFORMATION

**Arash Baghaei Lakeh**  
PhD Candidate

Grado Department of Industrial  
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#### MEMBERSHIP INFORMATION

Fees are as follows and include all weekly seminars (12+) & workshops.

**FIRST MEETING: FREE**

**MEETING: \$5**

**SEMESTER: \$25**

While health problems are multi-disciplinary scientific challenges, it is often assumed that biomedical sciences are the leading disciplines addressing them. Our study focuses on thirty years of research on one example of a long-term global health problem, HIV/AIDS, and unpacks the behavioral and social sciences (BSS) studies from the biomedical research. Through textual analysis of more than 200,000 HIV/AIDS publications in the Scopus data set, we investigate shifts in the scientific community's focus on BSS aspects of HIV/AIDS. By employing Latent Dirichlet Allocation, we uncover the underlying topics of the publications and examine major trends of BSS studies at both the global and regional levels. Our analysis shows that 1) the overall share of BSS in annual publications on HIV/AIDS has been increasing worldwide, 2) there is a regional variation in the share of BSS in HIV/AIDS publications, and 3) controlling for the economy, research with a higher focus on BSS factors tends to be conducted in countries with higher levels of HIV/AIDS mortality.