

BOOK OF ABSTRACTS

**YOUNG
RESEARCHERS
MEETING**



IJUP
4.5.6 MAIO 2022

**ONLINE
REITORIA
DA U.PORTO**

15.ª EDIÇÃO

U.PORTO



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 **Santander**
Universidades

TÍTULO | TITLE

Livro de Resumos do 15.º Encontro de Investigação Jovem da U.Porto

Universidade do Porto

Vice-reitor para a investigação, inovação e internacionalização

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ISBN

978-989-746-329-7

Design

Serviço de Comunicação e Imagem da U.Porto

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PROGRAMA PROGRAM



ONLINE EVENT LINK (CLICK HERE)

RECTORATE OF THE UNIVERSITY OF PORTO

MAY, 4TH

MAY, 5TH

MAY, 6TH

08:00 – 18:00

PARALLEL ORAL SESSIONS I

A1 – Mathematics
A2 – Architecture I
A3 – Chemistry I
A4 – Environment I
A5 – AgroFood I
A6 – Health Sciences I

09:00 – 10:30

Break

PARALLEL ORAL SESSIONS II

A1 – Health Sciences II
A2 – Architecture II
A3 – AgroFood II
A4 – Environment II
A5 – Physics I

10:40 – 12:00

Break

PARALLEL ORAL SESSIONS III

A1 – Economics & Management
A2 – Biological Sciences I
A3 – Architecture III
A4 – Chemistry III
A5 – Sport Sciences I
A6 – Health Sciences III

12:20 – 13:40

Lunch Break

PARALLEL ORAL SESSIONS IV

A1 – Arts I
A2 – Biological Sciences II
A3 – Sport Sciences II
A4 – Chemistry IV
A5 – Architecture IV
A6 – Health Sciences IV

14:30 – 16:00

Break

PARALLEL ORAL SESSIONS V

A1 – Astronomy & Physics
A2 – Arts II
A3 – Sport Sciences III
A4 – Biological Sciences III
A5 – Health Sciences V

16:10 – 17:40

PARALLEL ORAL SESSIONS VI

A1 – Biological Sciences IV
A2 – Engineering I
A3 – Physics II
A4 – Language & Communication
A5 – Health Sciences VI
A6 – Psychology & Sciences of Education I

PARALLEL ORAL SESSIONS VII

A1 – Biological Sciences V
A2 – Engineering II
A3 – Chemistry II
A4 – Geo-Politics I
A5 – Health Sciences VII
A6 – Psychology & Sciences of Education II

PARALLEL ORAL SESSIONS VIII

A1 – Biological Sciences VI
A2 – Engineering III
A3 – Geo-Politics II
A4 – Health Sciences VIII
A5 – Health Sciences IX
A6 – Psychology & Sciences of Education III

PARALLEL ORAL SESSIONS IX

A1 – Biological Sciences VII
A2 – Engineering IV
A3 – Law and Criminology I
A4 – Health Sciences X
A5 – Heritage & History I
A6 – Psychology & Sciences of Education IV

PARALLEL ORAL SESSIONS X

A1 – Law and Criminology II
A2 – Health Sciences XI
A3 – Psychology & Sciences of Education V
A4 – Heritage & History II

08:30 – 09:00

Opening of the secretariat for all participants

09:00 – 10:00

POSTER SESSION I

10 min

Coffee-break

10:10 – 11:00

POSTER SESSION I

11:00 – 11:15

Break

11:15 – 12:00

POSTER SESSION II

10 min

Coffee-break

12:10 – 13:15

POSTER SESSION II

13:15 – 15:00

Lunch Break

15:00 – 18:00

CLOSING SESSION AND CELEBRATION
OF THE 15-YEARS ANNIVERSARY OF IJUP



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15.ª EDIÇÃO

Alcohol consumption during pregnancy in Sao Tome and Principe

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Abstract

Introduction: Alcohol consumption is the most common teratogen in pregnancy, leading to a range of lifelong conditions.

Aim: To characterize the intake of alcoholic beverages during pregnancy in Sao Tome and Principe, according to socio-demographic characteristics and comparing adolescents and adults.

Methods: A sample of 354 Santomean pregnant women was evaluated in a cross-sectional observational study. Participants were asked about the frequency and quantity of alcoholic beverages consumption and binge drinking habits. Women who reported to have consumed alcohol in the previous month were classified as current drinkers. The Chi-square test was used to compare proportions between adolescents and adults. A binary logistic regression model was used to estimate the association between current drinking and socio-demographics. Odds Ratios (OR) and respective 95% Confidence Intervals (95%CI) were calculated.

Results: The prevalence of current drinking was 21% in adolescents and 37% in adults ($p=0.118$), and 10.3% of adolescents and 24.7% of adults reported a consumption of ≥ 1 standard drink/week. After adjusting for confounders, adolescents with children were more likely to be current drinkers than those without children (OR=78.8, 95% CI: 2.3-2742.5; $p=0.017$) and adults with college education were less frequently current drinkers than those without schooling (OR=0.2, 95% CI: 0.05-0.7; p trend=0.007). The most frequently consumed drink was the sweet palm wine. Binge drinking was reported by 5.6% of adults.

Conclusion: The prevalence of current drinking during pregnancy is high in Sao Tome and Principe. Implementing public health measures that promote the restriction of alcohol consumption during pregnancy is crucial.