



BRAVE

BRAZILIAN VIRTUAL
EXCHANGE
PROGRAM

UFPE



UNIVERSIDADE
FEDERAL
DE PERNAMBUCO

BRaVE
Brazilian Virtual Exchange

The **BRaVE** initiative [*Brazilian Virtual Exchange*] was launched at the Universidade Federal de Pernambuco [*UFPE*] in 2018 as part of the Internationalization at Home strategy. It is one of the paths to improve the global learning, the intercultural and the international perspectives of UFPE's students.

The global and the local issues are connected through interdisciplinary contents based on the United Nations 17' Sustainable Developing Goals [*SDGs*].

This portfolio is a compilation of BRaVE - UFPE courses offered both in 2018 and 2019 as a result of the collaboration between the State University of New York [*SUNY*] COIL Center and the Universidade Federal de Pernambuco [*UFPE*].

VIRTUAL PROJECT DEVELOPMENT

2018.2 - 2019.1

DESCRIPTION: This course provides the students with the skills to ensure their projects are completed on time and on budget while giving the user the product they expect

PARTNERS: 2018.2 - UFPE [BRA] and BREDA University of Applied Sciences [NLD]. 2019.1 - UFPE [BRA] and AVANS University of Applied Sciences [NLD]

PROFESSORS: 2018.2 - Anderson Gomes de Souza and Marcel Bastiaansen. 2019.1 - Anderson Gomes de Souza and Linda Waller

HOST COURSE: Tourism Management

INVOLVED COURSES: Business Management, Actuarial Science, Accounting, Economics, Hotel Management, Executive Secretariat, Social Work and Tourism Management



VIRTUAL PROJECT DEVELOPMENT

Strategy/Methodology

- 3 weeks
- Icebreaking
- Case study presentations
- Online meeting (discussion)
- Preliminary report (Students' draft proposals)
- Data collection in Recife (UFPE students, supported by the partner's ones)
- Analysis and preparation of the final report
- Online presentation (final discussion)



GOVERNANCE FOR SUSTAINABILITY

2018.4 - 2019.2

DESCRIPTION: Raising food security awareness while discussing 17 UN's SDO is the main goal of this 60 hour BRaVE module. Comparing Brazil and USA contexts facilitates deeper understandings for food security governance

PARTNERS: 2018.4 - UFPE [BRA] and SUNY Tompkins Cortland Community College [USA]. 2019.2 – UFPE [BRA], Centro Acadêmico do Agreste [CAA- UFPE, BRA] and SUNY Brockport College [USA]

PROFESSORS/LECTURERS: 2018.4 - Lilian Outtes Wanderley and Patrick Sewell. 2019.2 - Lilian Outtes Wanderley, Cristiane Costa, and Ann Pearlman

HOST COURSE: Business Administration

STUDENTS COURSES: Business Administration



GOVERNANCE FOR SUSTAINABILITY

Strategy/Methodology

- 10 weeks
- Icebreaking
- Videos - TED Talks - Eating Habits, Consumption, Food Waste
- Online meetings (planning and discussion)
- Short reports: FS Resources, Access and Consumption
- Ten Steps for Healthy Eating Comparison
- Lecturers virtual exchange
- Final assignment

TEACHING METHODOLOGY IN EFL

2018.2 - 2019.1 - 2019.2

DESCRIPTION: Development of speeches for non-English speakers and reflection about how to give/use feedback to create more effective speeches in English. The Brazilian students create a rubric (performance criteria) to evaluate the speeches and give feedback to the American students using the performance criteria that they have created

PARTNERS: UFPE [BRA] and SUNY University at Albany [USA]

PROFESSORS: Eva Cunha and Virginia Yonkers

HOST COURSE: Communication

INVOLVED COURSES: Languages, Communication



TEACHING METHODOLOGY IN EFL

Strategy/Methodology

- 8 weeks
- Icebreaking
- Production and implementation of an assessment plan
- Asynchronous meetings
- Watching US students videos
- Assess the success of the assessment plan considering the reviewed theory



MANAGING HEALTH CONTEXTS

Using Mobile Communication - 2019.1 -2019.2

DESCRIPTION: Discuss the use of mobile devices to face health crises. The module takes into account the local contexts of Brooklyn/ NY and Recife/PE during 2015 Zika outbreak

PARTNERS: UFPE [BRA] and SUNY Downstate Health Sciences University [USA]

PROFESSORS: Rosalie Belian and Laura Geer

HOST COURSE: Medicine

STUDENTS COURSES: Psychology, Nutrition, Medicine, Social Sciences, Biomedicine, Nursing, Science of information



MANAGING HEALTH CONTEXTS

Strategy / Methodology

- 3 weeks
- Icebreaking
- Videos about 2015 zika outbreak (Brooklyn and Recife)
- Online meeting (discussion about 2015 zika outbreak, differences and similarities about Recife and Brooklyn)
- Report (synthesis about the two contexts)
- Survey in Recife and Brooklyn (mobile tech, messages, health crises)
- Analysis and report
- Online meeting (final discussion)



SOCIAL BUSINESS

2019.1 - 2019-2

DESCRIPTION: Developing a proposal for a Social Business based on the United Nations Sustainable Development Goal

PARTNERS: UFPE [BRA] and SUNY Nassau Community College [USA]

PROFESSORS: Carla Pasa Gómez and Nicole Simon

HOST COURSE: Business Administration

INVOLVED COURSES: Accounting Science, Energy Engineering, Actuarial Science, Geography, Business Administration

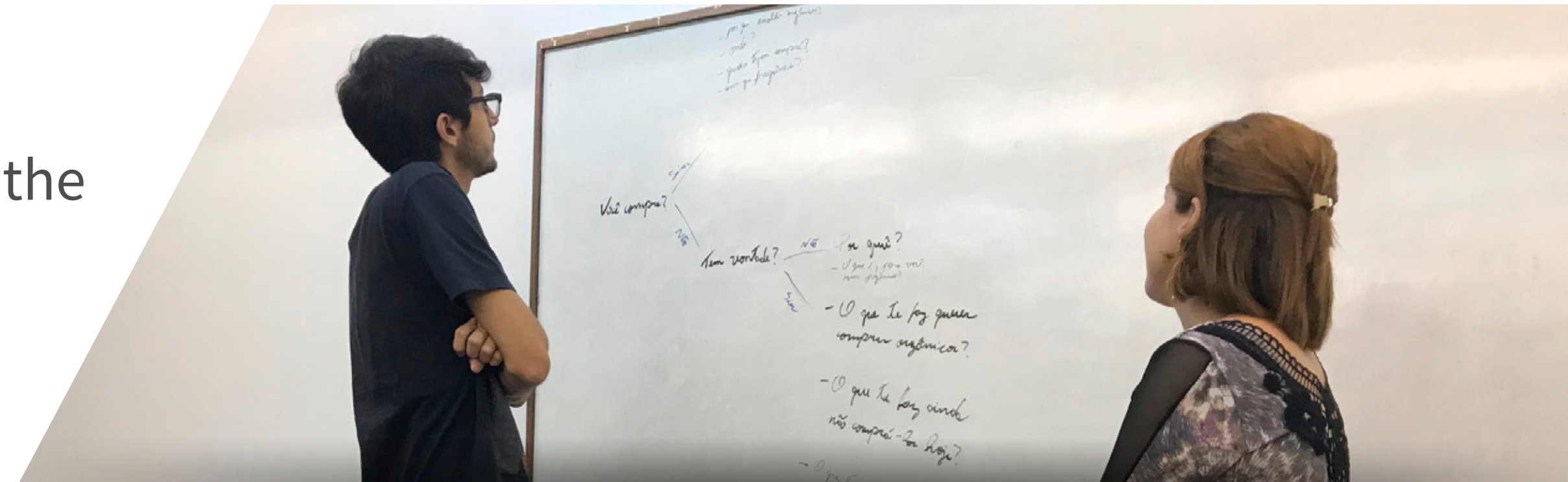
METHODOLOGY: Problem-based learning



SOCIAL BUSINESS

Strategy / Methodology

- 9 weeks
- Icebreaking using video posted in private channel in the YouTube
- 03 online meeting
- Field trip to clothing cluster
- Use of padlet to share opinions
- Use of *slack.com* platform to discuss and to develop the social business project
- Pitch about the phases of the project



DECISIONS FOR SUSTAINABLE BEHAVIOR

2019.1

DESCRIPTION: Discuss about sustainable issues and propose a potential solution to a local community sustainable problems

PARTNERS: Centro Acadêmico do Agreste [CAA- UFPE, BRA] and University of Texas Rio Grande Valley [USA]

PROFESSORS: Cristiane Costa and Teresa Patricia Feria

HOST COURSE: Business Administration

STUDENTS COURSES: Social Communication, Business Administration, Civil Engineering, Production Engineering, Design



DECISIONS FOR SUSTAINABLE BEHAVIOR

Strategy/Methodology

- 6 weeks
- Icebreaking
- Online meeting (synchronous classroom)
- Off-line meeting (asynchronous classroom)
- Students virtual meeting
- Community engagement projects
- Writing assignments
- Reflective Journal
- Students final projects presentation



DECISIONS FOR SUSTAINABLE BEHAVIOR

2019.2

DESCRIPTION: Discuss about sustainable issues, focused on food security, and propose a potential solution to a local community sustainable problems

PARTNERS: Centro Acadêmico do Agreste [CAA- UFPE, BRA], UFPE [BRA], and SUNY Brockport College [USA]

PROFESSORS: Cristiane Costa, Lilian Outtes Wanderley, and Ann Pearlman

HOST COURSE: Business Administration

STUDENTS COURSES: Social Communication, Business Administration, Mathematics, Economics, Design



DECISIONS FOR SUSTAINABLE BEHAVIOR

Strategy/Methodology

- 10 weeks
- Icebreaking
- Online meeting (synchronous classroom)
- Off-line meeting (asynchronous classroom)
- Community engagement projects
- Writing assignments
- Students final projects presentantion



DESIGN THINKING AND INNOVATION

2019.1

DESCRIPTION: How to solve questions creatively

PARTNERS: UFPE [BRA], SUNY Cobleskill [USA], and BREDA University of Applied Sciences [NLD]

PROFESSORS: Fábio Campos, Adan Daily, and Rob Verhagen

HOST COURSE: Design

INVOLVED COURSES: Business Management, Computer Science, Design

STRATEGY / METHODOLOGY: Implementation of a practical design project



DESIGN THINKING AND INNOVATION

2019.2

DESCRIPTION: Practical application of design techniques to devise a solution or capture the perceptions about some issue or question

PARTNERS: UFPE [BRA] and BREDA University of Applied Sciences [NLD]

PROFESSORS: Fábio Campos and Rob Verhagen

HOST COURSE: Design

STUDENTS COURSES: Design, Business Management, Computer Science



DESIGN THINKING AND INNOVATION

Strategy/Methodology

- 8 weeks
- Icebreaking
- Continuous dialectic
- Synchronous meetings
- Asynchronous meetings
- Written Reports
- Publication of the reports in a related site (for example, on the instance of that semester, the theme is “plastic pollution” and the best reports will be published at *recycled.com*)



GREEN DENTISTRY

2019.1 - 2019.2

DESCRIPTION: Incorporation of sustainability and conservation concepts into clinical and laboratory dental practices

PARTNERS: UFPE [BRA], SUNY Monroe Community College [USA], and Durban University of Technology [ZAF]

PROFESSORS: Fábio de Souza, Krista Rodriguez, and Anisa Vahed

HOST COURSE: Dentistry

INVOLVED COURSES: Dentistry

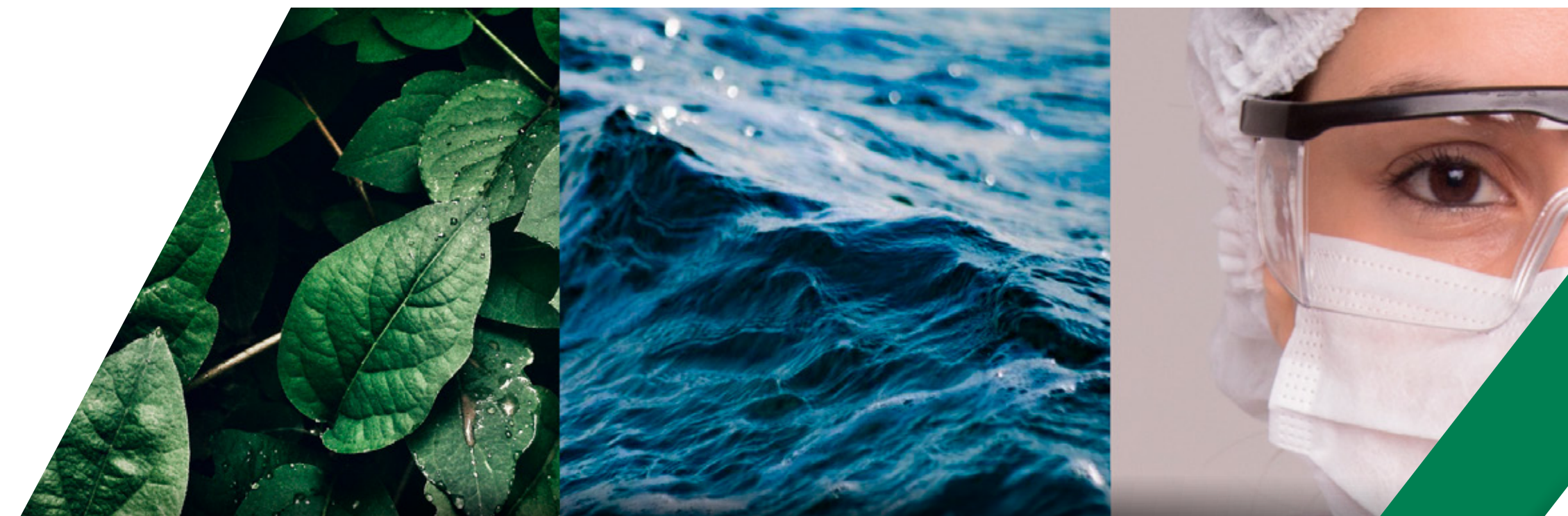
STRATEGY / METHODOLOGY: Design in cross-cultural teams a number of E-Posters, outlining an area of Green Dentistry



GREEN DENTISTRY

Strategy/Methodology

- 8 weeks
- Learning management system: Moodle UFPE
- Icebreaking
- Asynchronous meetings
- Modules: 1) Introduction & Cultural Identity; 2) Status Levels, Stereotyping and Effective Group Dynamics; 3) Green Dentistry
- Presentation of E-Posters online in cross-cultural teams, which gives the opportunity to demonstrate that each student have developed an intercultural communicative competence



INFECTION CONTROL AND PREVENTION

in Dentistry - 2019.2

DESCRIPTION: Clinical and Laboratorial Protocols of infection Control and Prevention in Dentistry

PARTNERS: UFPE [BRA] and Durban University of Technology [ZAF]

PROFESSORS: Fábio de Souza and Naeem Seeda

HOST COURSE: Dentistry

INVOLVED COURSES: Dentistry

STRATEGY / METHODOLOGY: Design in cross-cultural teams a number of protocols, outlining an area of Infection Control and Prevention in Dentistry



INFECTION CONTROL AND PREVENTION

in Dentistry - Strategy/Methodology

- 8 weeks.
- Learning management system: Moodle UFPE
- Icebreaking
- Asynchronous meetings
- Modules: 1) Introduction & Cultural Identity; 2) Differences, Privileges, and Teamwork; 3) Laboratory and Dental Clinical Activities: Infection Control
- Presentation of Protocols online in cross-cultural teams, which gives the opportunity to demonstrate that each student have developed an intercultural communicative competence

**Infection Control and
Prevention in Dentistry**



APPLIED ENVIRONMENTAL SUSTAINABILITY

2019.1 - 2019.2

DESCRIPTION: Elaboration and implementation of an Environmental Sustainability Project in a Caruaru Public School: Maria do Socorro

PARTNERS: Centro Acadêmico do Agreste [CAA- UFPE, BRA] and SUNY Rockland Community College [USA]

PROFESSORS: Gilson Lima and Katherine Brown

HOST COURSE: Civil Engineering

INVOLVED COURSES: Civil Engineering, Industrial Engineering, Chemistry, Business Administration

STRATEGY / METHODOLOGY: G5 Environmental Methodology and 17 UN SDG.



APPLIED ENVIRONMENTAL SUSTAINABILITY

Strategy/Methodology

- 6 weeks
- Icebreaking
- Visit to the School
- Brainstorm of Environmental Problems
- (4) Face to face meetings (discussion)
- Elaboration of Environmental Projects
- Implementation of Environmental Projects
- Brave's Day at School (Presentation of Projects to the Comunity)
- Final Report



CREATING A FILM LOCATION PORTFOLIO FOR

For the rochester film commission 2019.1 - 2019.2

DESCRIPTION: Create a film location portfolio - a source of information about locations and local services for film makers and producers. It's a way to promote a place for the audiovisual industry and film tourism

PARTNERS: UFPE [BRA] and SUNY Monroe Community College [USA]

PROFESSORS: Nathália Körössy and Jasna Bogdanovska

HOST COURSE: Tourism

STUDENTS COURSES: Tourism, Hospitality Management, Photography, Marketing



CREATING A FILM LOCATION PORTFOLIO FOR

Strategy/ Methodology

- 5 weeks
- Icebreaking
- Synchronous and asynchronous meetings
- Reports
- Shooting
- Presentation of the document “Rochester Film Location Portfolio”



POLYMERS & PHOTOGRAPHY

2019.1 - 2019.2

DESCRIPTION: To develop an understanding of what a polymer is and how to take good photos of polymers in the environment

PARTNERS: UFPE [BRA] and SUNY Genesee Community College [USA]

PROFESSORS: Rosa Souto Maior and Joe Ziolkowski

HOST COURSE: Chemistry

STUDENTS COURSES: Chemistry, Chemical Engineering, Materials Engineering, Biomedicine

STRATEGY / METHODOLOGY: Produce in cross-cultural teams artists books of photography and text of polymers in our environment



POLYMERS & PHOTOGRAPHY

Strategy/Methodology

- 6 weeks
- Learning management system: Google Drive
- Modules: 1) Icebreaking; 2) Contents; 3) Photographs and text production; 4) Reflection assessment
- Members of teams interact to produce photographs and text which will compose an artists book developing an intercultural communicative competence



COMPLEMENTARY TOPICS ON ANTHROPOLOGY

and physiology of nutrition - 2019.1 - 2019.2

DESCRIPTION: How to think nutrition in terms of culture, food behavior and alimentar preference

PARTNERS: Centro Acadêmico de Vitória [CAV- UFPE, BRA] and SUNY Broome Community College [USA]

PROFESSORS: Carol Leandro and Linda Carroll

HOST COURSE: Nutrition

INVOLVED COURSES: Nutrition, physical education and nurse

STRATEGY / METHODOLOGY: Discussion, Survey on food habits and alimentar preferences of students from CAV-UFPE and SUNY-Broome – publication of three commentary papers



COMPLEMENTARY TOPICS ON ANTHROPOLOGY

and physiology of nutrition - Strategy/Methodology

- 15 weeks
- Icebreaking
- Introduction to the course: main goal – program – seminar
- Different types of diet and the evolution of human being: interaction between behavioral and physiological aspects
- Anthropology and physiology of Nutrition
- Data collection
- Data analysis
- Discussion about the data from students. Descriptive analysis of food preferences and nutritional habits
- Preparation of three commentary articles to be published



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