# Cornell ABROAD

## Pre-Med & Public Health

### RECOMMENDED STUDY ABROAD OPTIONS

- **Location:** Universities and Field-Based Programs in Africa, Asia, Europe, and Latin America
- **Eligibility:** 3.0+ CUM GPA Minimum; Programs may require science background
- **Application:** Students are encouraged to apply by May of the preceding year for Spring Semester and Dec. of the preceding year for Fall Semester or Year study
- **2012/13 Costs:**
  - $3,200 Cornell Intl. Program Tuition PLUS Individual University/Program Tuition + Fees
  - $3,600 Cornell Intl. Program Tuition FOR Direct Enrollment in the UK or Israeli Universities; PLUS Individual University Tuition + Fees

**Please note:** 2012/13 study abroad tuition and associated charges are set pending approval by the Board of Trustees; Cornell University reserves the right to change tuition and other charges.

### Walk-In Advising

**Mon-Fri 1:30pm-3:00pm**
300 Caldwell Hall

### Facebook

Cornell Abroad Fan Page

### Website

[www.cuabroad.cornell.edu](http://www.cuabroad.cornell.edu)

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**Planning for Study Abroad**

Health Career advisors familiar with medical schools admissions report that study abroad is neither an automatic benefit nor detriment for students planning to enter medical schools. As with a number of challenging experiences, a stimulating abroad experience that is related to your academic or professional interests can be quite valuable in the context of interviews and medical school applications.

Health-related options include taking university courses with local students abroad (“Direct Enrollment”), conducting an independent study on a field-based program, participating in a service-learning program, doing an internship for academic credit, or engaging in comparative international study. Note: study in multiple countries and internships are not approved by Arts & Sciences.

It is important to bear in mind that delivery of medical services is regulated, so internships cannot allow students to provide direct medical care. Please note that while it is possible to gain hands-on experience, it is challenging to arrange to conduct lab research when abroad.

If possible, complete the science course prerequisites for medical school (introductory biology, introductory chemistry, organic chemistry, and introductory physics) before going abroad. These courses should be taken at U.S. institutions to ensure you have covered topics you will encounter on the MCAT and/or have the appropriate prerequisite course(s) for any upper division courses you plan to take. [www.career.cornell.edu/HealthCareer](http://www.career.cornell.edu/HealthCareer)

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**Global Health Minor**

The Cornell University Global Health Program has created a new minor in Global Health. The Global Health minor is intended to complement any academic major offered at the University, providing students with basic knowledge about global health as well as the necessary skills and experience to begin to build their own unique career pathway in global health. The minor is open to all undergraduate students in all colleges.

The Global Health Minor is designed around three specific objectives: to learn more about the problems of global health in a classroom setting; to experience the issues in global health first hand in a field-setting; and to see the full career pathway to work in global health.

Students are required to take Intro to Global Health (NS 206), one course from a set of approved courses, two electives, an approved overseas experience of eight weeks or more in a resource-poor setting, and a “capstone” seminar.

[www.human.cornell.edu/che/DNS/globalhealth](http://www.human.cornell.edu/che/DNS/globalhealth)

Jeanne Moseley, jmm298, Program Coordinator

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**In This Flyer**

Only study abroad programs with specific health-related options are discussed below. Pre-Med students need not pursue health-related issues while abroad. Premeds who study abroad may opt for language-oriented programs or pursue another area of interest. Please refer to our region, country or subject flyers for more information on these options. There is also a special flyer focusing on Biology & Environmental studies.

I. Direct Enrollment University Options
II. Specialized Programs
   - inc. Field-based & Internship Programs
III. Summer Programs
IV. Study Abroad & HCEC
V. Timeline Options for Pre-Meds
DIRECT ENROLLMENT OPTIONS
Some universities offer courses that you might not encounter in the U.S. until you hit medical school. Eligibility requirements include a 3.0 GPA and relevant coursework, unless otherwise noted.

AUSTRALIA
University of Melbourne
- **Location:** There are 38,000 students on this campus-based university near the center of cosmopolitan Melbourne.
- **Academic Curriculum:** Melbourne’s Faculty of Medicine, Dentistry, and Health Sciences is the leading program in Australia. Study abroad students can take classes in Medicine & Society; Medicine, Health, & Illness; Aboriginal Health; Physiotherapy; and Health promotion.

University of Queensland
- **Location:** The main campus is located fifteen minutes from the Brisbane central business district, Australia’s third largest and fastest growing city with 1.5 million residents.
- **Academic Curriculum:** “UQ” offers a strong program in biomedical sciences drawing upon their Faculty of Biological and Chemical Sciences in the disciplines of physiology, developmental biology, pharmacology, gross anatomy and toxicology. UQ is one of the Group of Eight research universities in Australia and has a top biomedical teaching and research groups in the country. The university has 33,000 students with 4,700 international students.

GHANA
University of Ghana
- **Location:** The Legon campus, just outside Accra, is the oldest and largest Ghanaian university. Enroll via CIEE.
- **Academic Curriculum:** Students take all courses at the university, unless they choose an Internship or Independent Study option. Students can pursue Community Health and/or Development Studies in addition to Humanities & Sci Sci.

IRELAND
University College Dublin
- **Location:** UCD is a campus-based university about 2 miles from the city center of Dublin
- **Academic Curriculum:** Students accepted onto the “Pre-Med Programme” can take selected courses from UCD’s medical school as well as courses in the sciences, humanities, and business.

ISRAEL
Ben Gurion University
- **Location:** Ben Gurion University of the Negev is in Beer-Sheva, a multi-ethnic city and region.
- **Academic Curriculum:** NOTE: The Global Health Program is SPRING ONLY. The Ginsberg-Ingerman Overseas Student Program at Ben Gurion University offers a Global Health track with a selection of courses on health care issues. There are internship opportunities and a research project option enabling students to participate in ongoing epidemiological or sociological research. (Research may extend into summer months).

Tel Aviv University (TAU)
- **Location:** Located in a suburb of Tel Aviv, the largest city in Israel.
- **Academic Curriculum:** “A Voyage to Medicine”: TAU courses in health & psychology, contemporary medicine, adolescent medicine, genetics and more. Includes practical experiences in the medical field.

SOUTH AFRICA
University of Cape Town (UCT)
- **Programs:** Students can take all their courses at UCT through CIEE or InterStudy. CIEE also offers a service-Learning program. IES offers a program a course on Health & Community Development that involves fieldwork, and 3 UCT electives. See CU Abroad.
- **Location:** UCT is South Africa’s oldest University, and a leading teaching and research institution. Located in the beautiful Cape Peninsula, it has many study abroad students.
- **Academic Curriculum:** There are six faculties within the University, one of which is health sciences. This faculty is internationally recognized for its medical programs. The undergraduate programs involve significant time at local hospitals and clinics in Cape Town. The University actively seeks a balanced student population to accurately reflect the ethnic and cultural diversity of South Africa.

University of Natal in Durban:
- **Location:** The city of Durban is recognized for its golden beaches, unique jazz, cultural richness, and perfect weather. Out of 26,000 students, there are 1,500 international students in this multi-disciplinary university. See CUAbroad.
- **Academic Curriculum:** The University is recognized for its research activities and advanced information technology.

UNITED KINGDOM
King’s College with the Health & Society Module
- **Location:** King’s undergraduate population is around 12,400 students on three campuses all in central London.
- **Academic Curriculum:** King’s College offers a “Health & Society” course or “module” that integrates a “clinical rotation” where students “shadow” doctors, while also taking regular science courses.
- **Eligibility:** 3.3 GPA, typically above 3.5 with relevant coursework and strong essay for students who want the Health & Society module.

University College London (UCL):
- **Location:** There are 19,400 students enrolled at UCL’s central downtown (Bloomsbury) campus
- **Academic Curriculum:** Study Abroad students can take courses focusing on Infection and Immunity in the Medical School. UCL also offers Pediatrics and Child Health. UCL offers strong coursework in Anatomy and Developmental Biology, Biochemistry and Molecular Biology, Biology and
Genetics, Immunology and Molecular Pathology, Pharmacology, and Physiology and a program in International Health and Medical Education (IHME) that encompasses the political, economic, social and cultural factors affecting health and healthcare worldwide. IHME primarily fills with full year abroad students.

Eligibility: 3.3 GPA, higher for Child Health and IHME.

University of Glasgow
- **Location**: Glasgow, largest city in Scotland with the largest student population (on Lonely Planet's top 10 cities list)
- **Academic Curriculum**: The Faculty of Biomedical Sciences offers a special anatomy course designed for Pre-Med students focusing on clinical applications and skills development. Other courses available along with the anatomy museum as a reference & study space.

University of Nottingham:
- **Location**: A campus-based university outside the city of Nottingham, 1-1/2 hours from London.
- **Academic Curriculum**: Strong program in Nutrition, Dietetics, and Public Health.

Queen Mary College, University of London:
- **Location**: Located in the “East End,” Queen Mary has the only residential campus in London. One of London’s oldest areas and originally home to the “cockney” working class, the East End now has a diverse population with open air markets, museums, pubs, and ethnic restaurants. A short ride on the tube from popular downtown tourist destinations.
- **Academic Curriculum**: Queen Mary offers a number of biomedical courses through the Biology Department.

Specialized Programs (Inc. Field-Based & Internship)

Note: Internship programs offer internships for academic credit. Internships are guaranteed, customized, project-based, and academically directed.

The Alliance for Global Education

Public Health & Indian Studies at Manipal University
- **Location**: A university town, Manipal is located in the heart of the coastal belt of Karnataka, and offers stunning views of the Arabian Sea.
- **Academic Curriculum**: The Public Health program offers a comprehensive overview of public health in India along with health-related courses at the university (from global health to epidemiology, maternal and child health, infectious diseases, and traditional Indian medicine). Courses include a field-based practicum in the university hospital and rural health clinics.

Contemporary India: Development, Environment, Public Health
- **Location**: Pune, A vibrant, bustling city of 3.5 million. It is only a short train ride from Mumbai.
- **Academic Curriculum**: In addition to the core course, Contemporary India, students select electives from Public Health, Political Economy/Development, Social Justice, and the Environment. Students complete a field-based experience via an internship, directed research, or a documentary film.

Arcadia University
Arcadia University offers internship programs in London and Sydney. Arrangements for Arcadia internships are made in advance so students can intern for nearly the entire semester (or summer) abroad while taking classes to enhance the internship experience. Internships in medical research facilities are possible. [www.arcadia.edu/abroad](http://www.arcadia.edu/abroad)

Boston University (BU)

**BU Science Programs with Pre-Med core courses:**
BU offers a science program for *first semester sophomores & beyond* in Dresden, Germany, in Grenoble, France and Madrid, Spain. Students in chemistry, biology, biochemistry/molecular biology and pre-med tracks can work toward their degrees while studying abroad. Science courses (Organic Chemistry I, Cell Biology, Basic Statistics & Probability) are taught in English by BU-affiliated faculty. No previous study of German or French necessary. *Note, the MCAT-related course (“Orgo”) appears on the transcript in an acceptable format for application to medical school.

**BU Internship Programs**
BU offers the widest range of study abroad internships for students pursuing health careers. Typically, students take two courses during an intensive period and then begin an 8-week internship (4 days/week) while taking one course. BU offers Health and Human Service internships in Dublin, Geneva, London, Madrid, and Sydney. BU also provides summer study abroad internship programs. [www.bu.edu/abroad](http://www.bu.edu/abroad)

Council on International Educational Exchange (CIEE)
CIEE runs many study abroad programs around the world. The Community Public Health Program in Khon Kaen, Thailand is designed to provide students with a broad overview of public health management and community public health issues in Thailand and Southeast Asia. Students apply theoretical frameworks covered in the classroom to competently carry out community health assessments, develop and implement a public health project, and assess its impact. [www.ciee.org/study](http://www.ciee.org/study)

Danish Institute for Study Abroad (DIS):
- **Location**: Copenhagen, the capital city, was founded in 1167. The largest of the Scandinavian capitals, this thriving metropolis is the center of Danish politics and culture. The open airy atmosphere of Copenhagen is characterized by several large parks, lakes, canals, and the seacoast, as well as significant achievements in architecture and design.
- **Academic Curriculum**: DIS runs three health-oriented study abroad programs in English.
  - The *Biomedicine* program offers a core course in Medical Biotechnology and Drug Development. Denmark is known for its bio-tech development.
  - The *Medical Practice and Policy* program is run in conjunction with the National University and Copenhagen University Hospitals. It features a clinical approach to human health and disease with some courses taught by senior doctors at hospitals.
  - The *Neuroscience* track offers a core course in Psychopharmacology – Substances and the Brain and is aimed at students interested in careers in health,
Institute for the International Education of Students (IES)

At its Santiago, Chile site, IES offers a Clinical Internship along with a course in Comparative Health Care Policy and an Advanced Spanish course for Health Practitioners. Designed for students interested in health-related professions who have the equivalent of 4 or more college semesters of Spanish. IES offers other program courses, all in Spanish, and the opportunity to take classes at the Universidad de Chile and the Pontificia Universidad Catolica de Chile. A shortened version of this program is available in summer.

IES’s program in Cape Town, South Africa, offers a course on Health and Community Development that has a field component. Students take half of their courses at the University of Cape Town, one core course on South Africa, and an elective with a field component from the IES Center.

International Honors Program (IHP) administered by SIT

IHP offers comparative international study programs on Health and Community. Focused on Health, Globalization and Care, students take four courses and study those topics in depth in three different countries* (IHP programs have worked in Argentina, Brazil, China, India, South Africa and Switzerland).

International Partnership for Service-Learning (IPSL)

The Partnership for Service Learning has a strong reputation as a non-profit educational organization which designs and coordinates academic studies with volunteer service. IPSL runs programs with healthcare service placements in Guayaquil, Ecuador, Kolkata, India; Siena, Italy; and Kingston, Jamaica, and Chiang Mai, Thailand. Students do not administer direct medical care, but they are directly involved with patients for intake and support. Returned IPSL students speak highly about their integration into the community and have powerful experiences to reflect upon in their medical school applications and interviews.

Minnesota Studies in International Development (MSID)

The MSID curriculum explores the theoretical and practical implications of international development and intercultural issues in Ecuador, Kenya, Senegal, and India. Field experience is an integral part of all courses. All MSID programs include an internship at a local, national or international organization addressing development-related issues, including health. Through classes, field trips, internships, and research, MSID strives to establish a continual dialogue linking experience with theory and critical analysis. Advanced language skills are required in Ecuador and Senegal.

School for International Training (SIT)

All SIT programs include language study, offer rural and urban homestays, and focus on a main topic of study culminating in a 4-week independent study.

Argentina: Public Health in Urban Environments
Brazil: Public Health, Race, and Human Rights
Chile: Public Health, Traditional Medicine, and Community Empowerment
India: Health and Human Rights
Kenya: Health and Community Development
Malaysia: Health, Gender, and Community Empowerment
South Africa: Community Health and Social Policy
Switzerland: Global Health and Development Policy

Summer Programs

Cornell Abroad has resources that students can consult for summer study in our library. Cornell Abroad does not administer summer programs and no financial aid is available. Students should check with their college for appropriate paperwork prior to summer study to assure ease in credit transfer after their return. Note: Students from the College of Arts & Sciences do not have language requirements for summer programs. See the CUAbroad Summer Flyer.

In general, foreign universities do not run programs in the summer, but internship, service-learning, and independent study providers do.

BU: Internship Programs, Dublin, London, Madrid, Sydney
CIEE: Community Public Health, Buenos Aires, Argentina
CIEE: Community Public Health, Gabarone, Botswana
CIEE: Community Public Health, Santiago, Dominican Republic
DIS: European Clinical Psychology, Copenhagen
DIS: Health Delivery and Prioritization in Northern Europe
DIS: Human Health & Disease: A Clinical Approach
DIS: Medical Practice & Policy
DIS: The Social Brain: The Neuropsychology of Social Behaviors
DIS: Medical Biotechnology and Drug Development

IES: Health Studies Program, Santiago, Chile

IPSL: Community Health Program, Guayaquil, Ecuador

SIT: Public Health & Trad’l Chinese Medicine, Yunnan Province
SIT: Traditional Medicine and Health Care Systems, Madagascar
SIT: China: Community Health and Traditional Chinese Medicine
SIT: India: Traditional Medicine and Healthcare Practices
SIT: Jordan: Public Health in Amman

Note: The Center for Cross-Cultural Studies (CCCS) in Seville is now offering a course in “Advanced Spanish for the Health Professional.” Similar programs may also exist in other places.
Students apply to medical school more than one year before they plan to matriculate. About two-thirds of our students apply in the summer between their junior and senior year; one-third apply the summer after their senior year. Study abroad is an option in all colleges, but this might result in taking a year off between graduation and medical school. This later time may be particularly suitable for students who are not on campus their junior year, who want to improve their academic or experiential credentials, or who believe that a year between Cornell and professional school will benefit their personal and professional goals. Study away students should consult with their college's premed advisor to determine timing of their medical school application, given their major and these other factors.

The Health Careers Evaluation Committee (HCEC) prepares the letter of evaluation most medical/dental schools request of applicants. Candidates are urged to register with the HCEC early in the spring semester of the year they plan to begin the application process. [www.career.cornell.edu/HealthCareers/HCEC](http://www.career.cornell.edu/HealthCareers/HCEC)

Course Credit, the Medical School Application & Medical College Admission Test (MCAT)

The American Medical College Application Service (AMCAS) is used to apply to most American medical schools. All grades recorded in a foreign grading system (used by a French or Spanish university, for example) will not be recorded in your AMCAS GPA; these foreign grades will be recorded within your accumulated Pass/Fail semester hours. AMCAS is available online in April/May and accepts applications beginning in June. It is best to apply early in the summer.

For complete details on the AMCAS policies contact AMCAS directly at 202/828-0600 or amcas@aamc.org.

See the MCAT website for foreign test centers, testing date options and online registration. [http://www.aamc.org/students/mcat/](http://www.aamc.org/students/mcat/)

Contact Information

Health Careers Advisor
Address: 103 Barnes Hall
Phone: 607/255-0542
Fax: 607/255-7946

Health Careers Evaluation Committee
Address: 203 Barnes Hall
Phone: 607/255-5045
Fax: 607/255-3060

[www.career.cornell.edu/HealthCareers/HCEC](http://www.career.cornell.edu/HealthCareers/HCEC)

AAMC GUIDELINES

The Association of American Medical Colleges, AAMC, has prepared guidelines for premedical students providing patient care during clinical experiences abroad.


For understandable reasons, the AAMC is concerned about potential harm to the patient, possible physical harm to yourself, legal issues with local authorities, the appearance of being unethical which may jeopardize admission to med school, and the potential for being involved with a fraudulent company.

While it is Cornell Abroad’s expectation that study abroad programs and foreign universities uphold the following guidelines, it is up to the student to act in accordance with these guidelines:

Below is an unofficial summary. For the full guidelines, see: [www.aamc.org/download/181690/data/guidelinesforstudentsprovidingpatientcare.pdf](http://www.aamc.org/download/181690/data/guidelinesforstudentsprovidingpatientcare.pdf)

The primary purpose of a student clinical experience is observation, not hands-on treatment. You are there to learn, not to treat.

Always keep the welfare of the patient foremost in your mind, recognizing patient autonomy and the patient’s right not to have trainees involved in their care.

Every act of service involves the building of a cultural bridge.

Never engage in unsupervised activities or tasks that are generally reserved for trained health professionals.

Understand and perform within your limitations (ie: students who are trained EMTs may be able to provide more assistance than their peers without such training).

Be aware that it is not necessary to travel abroad to serve those in need.
# PRE-MED* STUDY AWAY RECOMMENDED TIMELINE

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<thead>
<tr>
<th>Sophomore</th>
<th><strong>OPTION 1</strong></th>
<th><strong>OPTION 2</strong></th>
<th><strong>OPTION 3</strong></th>
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<tbody>
<tr>
<td></td>
<td>Study Away</td>
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<td>Study Away</td>
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<td></td>
<td>During Junior Fall</td>
<td>During Junior Spring</td>
<td>(Take a Gap Year)</td>
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<td>(No Gap Year)</td>
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<td>Try to complete the science course prerequisites (introductory biology, introductory chemistry, organic chemistry, and introductory physics) before going abroad. You may opt to take the MCAT after soph year if pre-reqs are complete.</td>
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<td><strong>Junior Fall</strong></td>
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<td>● Access the HCEC Orientation Video (available by mid-Nov)</td>
<td>● Attend HCEC Orientation in November or watch the HCEC Orientation Video on the web</td>
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<td>● Register with HCEC</td>
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<td>● Give HCEC study abroad address/ check e-mail</td>
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<td><strong>Junior Spring</strong></td>
<td>ABROAD</td>
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<td>ABROAD and/or</td>
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<td>● Register with HCEC in Jan/ early Feb</td>
<td>● Use online HCEC file check</td>
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<td>● Follow the regular Timeline</td>
<td>● Take MCAT abroad (optional timing)</td>
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<tr>
<td>● Take MCAT</td>
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<td><strong>Junior Summer</strong></td>
<td>● Apply to medical Schools</td>
<td>● Obtain name of interviewer (once your HCEC file is complete)</td>
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<tr>
<td>● Take MCAT (if not yet taken)</td>
<td>● Schedule an interview with the HCEC Office</td>
<td>● Apply to Medical Schools</td>
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<td>● Take MCAT (if not yet taken)</td>
<td>● Take MCAT</td>
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<td><strong>Senior Year</strong></td>
<td>● Interview at Medical Schools</td>
<td>● Interview at Medical Schools</td>
<td>● Follow the non-study away timeline</td>
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<td>● Complete prerequisites</td>
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<td>● Take MCAT (optional timing)</td>
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<td><strong>Senior Summer</strong></td>
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<td>● Apply to Medical Schools</td>
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<td>● Take MCAT (if not yet taken)</td>
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<td><strong>Post Grad Year</strong></td>
<td>● Attend Medical School</td>
<td>● Attend Medical School</td>
<td>● Interview at Medical School</td>
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Note: MCAT is offered 20+ times a year, in January and from March to September. Scores are available in approximately 4 weeks.

* This timeline is also appropriate for Pre-Dents, but the DAT is available year round.

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