Internship "Structuring data on non-violent actions"

CYBIS - Université Grenoble Alpes & IRNC

(Note : Ce document est aussi disponible en français, sur http://cybis.univ-grenoble-alpes.fr).

Presentation of the internship

The CYBIS project and IRNC are offering a paid internship in Grenoble, France, mainly in the first half of 2019. The internship will contribute to the compilation of political science data on non-violent actions. In particular, it will facilitate access to this data for researchers and the general public, contributing inter alia to the interoperability and documentation of this data. One of the objectives is to visualize this data on a platform derived from various tools developed by or with the CYBIS project, including PeacePRISM (http://cybis.univ-grenoble-alpes.fr/fr/PeacePRISM) and the NMC Dashboard (http://cybis.univ-grenoble-alpes.fr/fr/NMC). The table in the Appendix gives an overview of the data currently available, which are the subject of this work.

Supervision: Mayeul Kauffmann (mainly); other CESICE academics and other IRNC members.
Geographical location: University Grenoble Alpes, campus of Saint-Martin-d'Hères, France.
Duration: 3 to 6 months
Beginning of the internship: February, March or April 2019.
Indemnity: Approximately 600 euros net per month; flat-rate indemnity for 2 round-trip train tickets in metropolitan France (other countries: to be discussed). Cf. https://www.service-public.fr/simulateur/calcul/gratification-stagiaire and https://www.univ-grenoble-alpes.fr/la-reglementation-des-stages-en-france/la-reglementation-des-stages-en-france-78175.kjsp
Financing:
- University of Grenoble Alpes - CYBIS Project
- IRNC

Scientific framework of the internship

The CYBIS (Cyber & International Security) project aims to make available to the general public and researchers indicators and tools to analyse recent and current conflicts (in a broad sense including cybersecurity), in order to facilitate the understanding and analysis of cyber attacks, terrorism and armed conflicts. The project closely combines various types of media, such as databases, an interactive website, software, training, conferences and seminars and, in the near future, articles and reports in publications. The project is carried out by the CESICE research laboratory at the Université Grenoble Alpes (in the French Alps); it is mainly funded by the

Ministry of the Armed Forces of the French Republic under the Higher Education Pact, and by the Université Grenoble Alpes.
For more information:
http://cybis.univ-grenoble-alpes.fr/
https://cesice.univ-grenoble-alpes.fr/actualites/2018-11-28/communique-presse-labex
https://www.defense.gouv.fr/actualites/articles/lancement-des-labels-centres-d-excellence-du-ministere-des-armees

The Research Institute for Non-Violent Conflict Resolution (IRNC), established in 1984, is an independent body, based in Montreuil (near Paris, France). The main objective of IRNC is to conduct multidisciplinary research (anthropology, history, philosophy, sociology, political science, economics, etc.) on the contribution of non-violence to conflict resolution and to give a status to this approach, which is often poorly known in France and throughout the world. The IRNC works with French universities and with similar institutes around the world.
For more information: http://irnc.org

Potential missions

(Suggested list, to be defined with the candidate)

Data search
Identification and analysis of available databases on non-violent actions and civil resistance (see Appendix below)
Creation of a database on Civil Peace Intervention
Contribution to the creation of a multilingual glossary of non-violence, using in particular the typologies and ontologies of non-violent actions

Data management
Metadata collection and data structuring
Conversion of data between different formats
Data quality control (formal and substantial controls)
Comparison of data between different datasets
Contribution to the development of data processing and visualization procedures
Tests of the application tools and web platforms developed to manage these data
Writing documentation
Translation (textual data, data presentation, metadata...)

Project management and organization
Development of partnerships with institutions conducting quantitative research on non-violence
Contribution to the organization of an international seminar on quantitative research on non-violent actions
Contribution to the development of training courses

Competencies

Essential criteria
- Language skills: English (C1/C2), French (A1/A2) (CEFR levels)
- Basic knowledge of spreadsheet and word processing software
- Interest in research in political science or international relations, in particular on non-violence
- Rigorousness
- Master 1 or 2 in progress or completed (for an exceptional candidate: experience deemed equivalent). Training in data processing *or* in social sciences (e.g. international relations,

economics, sociology, law, anthropology, communication, history, geography, etc.), with a demonstrated interest in the other discipline and basic knowledge in it.
- Eligible for an internship agreement (in general, requires a minimum of 200 hours of study in the academic year). See: http://www.enseignementsup-recherche.gouv.fr/cid88693/guide-des-stages-etudiants-informations-pratiques.html

Non-essential but desirable skills
- Statistics and data processing (R, databases, SQL, GIS...)
- Other IT skills (Linux administration, virtualization, web development, Drupal CMS; other FLOSS...)
- In-depth knowledge of social sciences
- Skills in other languages

Application

By e-mail before February 10, 2019 at 11:59 pm to the following address:

 mayeul.kauffmann@univ-grenoble-alpes.fr

Consult the CYBIS website before applying (possible update of this offer). Write imperatively as the subject of the email "Candidature stage CYBIS-IRNC - (your last name and first name)". Provide as attachments in PDF format a CV (file entitled "name_first-name_CV.pdf") and a letter of application (file entitled "name_first-name_LC.pdf").

Appendix - Table of some sources of structured data on non-violent actions

ID	Nom	Site web	Period
1	198 Methods of Nonviolent Action	https://www.aeinstein.org/nonviolentaction/198-methods-of-nonviolent-action/	
2	300 non-violent resistance methods	http://nonviolenceinternational.net/wp/collection-categories-nonviolent-methods/	
3	CREV - Countries at Risk of Electoral Violence	http://www.electoralviolenceproject.com/datasetviolence/countries-risk-electoral-violence-dataset/	1995-2013
4	Election Laws on Election Crimes Database (ELECD)	*www.academia.edu/Documents/in/Election_laws* Form : https://sites.lsa.umich.edu/polisci-cpw/wp-content/uploads/sites/223/2015/02/reifch2appi.pdf	
5	Election Violence Incidents Database	https://gu-se.academia.edu/MeganReif/Datasets	1954-
6	Global Database of Events, Language, and Tone (GDELT)	https://www.gdeltproject.org/	1979-
7	Global Digital Activism Data Set	https://data.world/jordanageorge/global-digital-activism-data-set/ https://www.icpsr.umich.edu/icpsrweb/ICPSR/studies/34625/version/2	1982-2012
8	Global Nonviolent Action Database	https://nvdatabase.swarthmore.edu/	12th century BCE-
9	Iraq body count	https://www.iraqbodycount.org/	2003-
10	Minorities at Risk Organizational Behavior (MAROB)	http://www.mar.umd.edu/mar_data.asp	1980-2004
11	MV&R / Violence de masse et Résistance	http://www.sciencespo.fr/mass-violence-war-massacre-resistance/	1900-
12	Nonviolent and Violent Campaigns and Outcomes (NAVCO) Data Project	https://www.du.edu/korbel/sie/research/chenow_navco_data.html	1991-2012 (v3)
13	NVCNews	https://nvcnews.org/	2014-
14	Outcomes of Regime Violence against Unarmed Protests	https://journals.sagepub.com/doi/abs/10.1177/0022343314531004?journalCode=jpra	
15	Parliamentary Deployment Vote Database	http://deploymentvotewatch.eu	1991 - 2016