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Call for Abstracts

We are excited to announce a new Methods Collection at the Journal of Visualized Research (JoVE), the leading peer-reviewed, PubMed-indexed video methods journal (<https://www.jove.com/about>):

Topic: “Innovative methods of dietary assessment and analysis”

Guest editors: Sabri Bromage, Teresa T. Fung, Sharon Kirkpatrick, Walter C. Willett

Background: Methods for assessing and analyzing human diets are often costly, laborious, and require special training. As a result, most countries do not regularly conduct diet surveys, only 36% of surveys are nationally-representative, and only 38% include pregnant and nursing women. Furthermore, fewer than half of countries have national food composition data, much of which are outdated. Dietary risks are the leading contributor to mortality globally, and a sparsity of high quality diet data poses a serious challenge to developing evidence-based efforts for improving diets, particularly in low- and middle-income countries where research infrastructure is often limited and where 84% of diet-related deaths occur.

Scope: This collection will serve as a seminal video record of novel methods, tools, and datasets that facilitate assessment and analysis of human diet and food consumption, and aims to set the standard for reproducibility within the community for years to come. Articles may describe quantitative or qualitative methods geared toward a range of applications, including clinical, epidemiologic, programmatic, and policy ones. Methods geared toward limited-resource settings are encouraged. Articles may describe:

1. How innovative dietary assessment methods, instruments, or technologies may be developed, validated, taught, collected, or integrated in existing platforms, or;
2. Application of novel software or statistical methods for: e.g. compilation or use of food composition data, analysis of diet quality or diet patterns, prediction of food or nutrient intake, the translation of dietary data to the formulation of empirical strategies, or guidance for improving diet and nutrition, or;
3. Methods for applying nonconventional datasets (e.g. household consumption and expenditure, food balance, commercial datasets, geospatial data, or agriculture and other food systems data) to the analysis of diet, diet quality, and food security.

How to submit an abstract: Please go to the following link and click “Submit Abstract”:
<https://www.jove.com/methods-collections/284/innovative-methods-of-dietary-assessment-and-analysis>. Guest editors will determine if your research would be appropriate for inclusion based on the collection scope. There is no deadline for submissions. You are welcome to submit multiple abstracts.

Filming and publication process (updated Feb 2021): (<https://www.jove.com/authors/publication>). Authors of accepted abstracts will be invited to submit a manuscript. You submit your manuscript, and if it is accepted by editorial and peer review, your article will be published. JoVE will then film a video of your technique if you are located within their Videographer Network. JoVE has videographers located across 5 continents. Check [here](#) to see if JoVE can film in your location. If you're outside the Videographer Network, you can produce and submit your own video. **Note: Videos may depict methods that involve the use of software** (in that case, the screen output of the computer or device may be recorded as the author explains the method and demonstrates its use).

Publication time, costs, and other policies (updated Feb 2021): <https://www.jove.com/authors/editorial-policies>. Note: Authors receiving 50% or more of their funding from an institution in one of [these countries](#) may be eligible for a 50% discount on author-submitted videos.

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General inquiries about JoVE submissions: submissions@jove.com.