



Journal of the American Medical Informatics Association

Call for Papers: Special Focus Issue on Health Informatics Education

Guest Editors

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Please note changes in the Dates. Acceptances allowed up through 10/21

Description of the Special Issue

The health informatics profession continues to evolve and grow with the increased adoption of electronic health records, integrated medical devices, telemedicine, the emergence of precision medicine, the explosion of consumer-directed apps, and continued developments in genomics and other technologies. This variety of technologies and the need for standards and frameworks necessary for interoperability, when combined with a rapidly changing clinical environment and reimbursement models, requires innovative approaches and skilled informaticians. Additionally, the data generated along the way can prove helpful in testing existing models or theories for evidence-based clinical/administrative decision-making and research. Thus, the ability to analyze large amounts of structured and unstructured data also becomes a requirement for future informaticians. One of the challenges facing the profession is how to educate current and future health informatics professionals, as well as how to train other health professionals to improve processes and health outcomes with the use of technology.

The purpose of this special focus issue is to highlight the most innovative approaches, techniques, and evaluation studies related to health informatics education for informaticians and health professionals, domestically or around the world. Authors are encouraged to submit manuscripts for consideration as Research and Applications articles, Reviews, Brief Communications, or Case Reports. Emphasis will be given to manuscripts that include rigorous evaluations, and for manuscripts that quantify the capabilities of the proposed techniques and their impact on effective health informatics education. Authors should include details regarding the educational aspects of their research, including the technologies, assessment and pedagogical frameworks that were utilized in the work.

Topics of Interest and Scope:

Topics of interests include but are not limited to:

- Detailed, generalizable case studies and original applications of novel technologies, rubrics, program design, curriculum, or other pedagogical tools that had a measurable impact on health informatics education for informaticians and health professionals.
- Rigorous evaluation of program and student performance, i.e., via accreditation standards or other guidance.
- Highly innovative frameworks for the implementation or evaluation of educational programs.

Important Dates:

October 21, 2015
January 1, 2016 (expected)
February 1, 2016 (expected)
April 1, 2016 (expected)

Manuscript submission deadline
Initial decisions sent to authors
Revised manuscript submission deadline
Final decisions sent to authors

Submission and Peer Review Process:

To ensure consideration in the special issue, authors should note in a cover letter that their submission is for the “Special Issue on Health Informatics Education”.

Supplemental materials such as videos, illustrations, images, and/or additional screenshots are encouraged. Detailed information for online submission to JAMIA is available via <http://jamia.oxfordjournals.org>.

All manuscripts will be subject to the rigorous JAMIA peer review process. After the initial programmatic review, manuscripts considered within the scope of JAMIA special issue and that meet the quality expectations will be reviewed by 2-3 experts for scientific merit.

Authors should format and structure their manuscripts according to the guidelines specified at: http://jamia.oxfordjournals.org/for_authors/index.html. Accepted articles may appear in print or in an online JAMIA issue.

Questions Regarding the Issue

Please direct any questions regarding the special issue or submissions to Susan Fenton at susan.h.fenton@uth.tmc.edu.