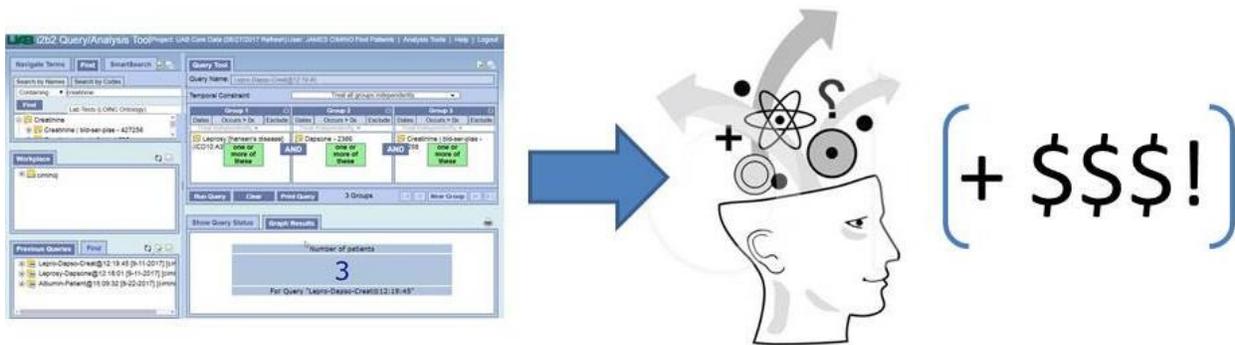# The First $1000 i2b2 Abstract Contest

Description: The First UAB i2b2 Abstract Contest will provide cash prizes for the best scientific abstract based on data from UAB's i2b2 (Informatics for Integrating Biology and the Bedside) clinical data repository. The contest is open to all UAB faculty, staff and trainees, except those directly affiliated with UAB Informatics Institute and the Center for Clinical and Translational Science (CCTS). Contestants must develop an interesting biomedical question, pose one or more queries to the i2b2 system to obtain data (either in summary form or as a limited data set), write a one-page abstract (with a second page allowed for tables and figures), and submit it to the Informatics Institute by 5PM, November 17th. The entry judged the best will be awarded a cash prize of $1000. Two runner-up entries will be awarded cash prizes of $500 each. Submissions may be from individuals or teams, with prizes divided equally among all authors.

Rules:

1) All data used for abstract development must come from i2b2 and be obtained directly by one or more of the abstract authors; however, all authors must be certified to use i2b2, including appropriate on-line certification. Contestants are encouraged to participate in an i2b2 hands-on training prior to obtaining their data, although this is not required and is not considered in the judging process. Information on certification and training can be found at https://www.uab.edu/ccts/research-commons/informatics/i2b2. Additional data may be obtained with the help of CCTS analysts for us in subsequent analysis and publication, but those data may not be used in the contest abstract.

2) Abstracts must be provided as a PDF, with page size of 8.5 x 11 inches, in a 10-point or greater font. The abstract must fit on a single page. A second page is allowed for figures, tables, and references. An acknowledgement stating "Research reported in this abstract was supported by the National Center for Advancing Translational Sciences of the National Institutes of Health under award number UL1TR001417. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health." Must be included somewhere on the first or second page.

3) Questions may be directed to Informatics Institute Director James Cimino, MD, by e-mail to ciminoj@uab.edu. Questions and answers that may be of interest to other contestants may be posted periodically (without reference to the source of the question) to https://www.uab.edu/medicine/informatics/the-first-1000-i2b2-abstract-contest.

4) Decisions about rule changes, qualifications or disqualifications are made at the sole discretion of the contest organizing committee and are not subject to appeal.

5) The contest is open to faculty, staff and trainees who authorized to use i2b2 at the time of the contest, except those directly affiliated with the UAB Informatics Institute or the CCTS. Authorization requires completion of University-required training and, for non-research personnel, supervisor approval. Details on authorization to use i2b2 can be found at https://www.uab.edu/ccts/research-commons/informatics/i2b2

6) Judging will be conducted by an outside panel determined by the contest organizing committee. The judging will provide a rank order of submissions.

7) Prizes will be awarded to contestants based on the rank order provided by the judges, subject to any disqualification made by the organizing committee.   Prizes will be in the amounts of $1000 for first place and $500 for the second and third place entries. In the event of a tie for first place, two $1000 prizes will be awarded, with no other cash prizes. In the event that more than two entries are tied for second place, or there is one second place entry and multiple third place entries, $1000 will be divided among the entries. Awards for each entry will be distributed evenly among all authors of the entry.

Judging: Judges will be selected from the pool of US scientists without affiliation with UAB who have experience with clinical research using clinical data warehouses. Each judge will be asked to rate a fixed number of entries and each entry will be rated by a fixed number of judges. Numbers of each will be determined by the number of entries and availability of judges.   Each entry will receive scores for creativity, clinical significance, and degree of use of i2b2, with each score ranging from 0 to 10. Final entry scores will be the average of all individual score from all judges.

Award Ceremony: Prize announcements will be made at an award ceremony to be held at a time and place to be announced. Prior to the ceremony, the 8 top-scoring abstracts will be announced as "finalists". Finalist authors will be invited to present their work in a five minute talk at the ceremony, with the order of presentation to be determined randomly. Contestants are not required to make presentations; neither the decision to present nor the quality of the presentation will be used in scoring the entries. After all presentations have been made, runner-up and winning abstracts will be announced.

Publication: All entrants will be encouraged to submit their work to biomedical conferences as abstracts or expanded to papers. The staff of the Informatics Institute and the CCTS will assist all entrants in obtaining any additional data needed prior to publication.