

# HTT update Current

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[Due to the coming shutdown of the NCIhub, we have a new site for updates.](#)

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We are pleased to announce some recent accomplishments of the High-throughput truthing project (HTT).

A list of all previous updates can be found [on this page](#). Our publications and presentations are organized [in this Zotero library](#). Our data is being shared [in this GitHub repository](#).

The HTT project's **objective** is to create a validation dataset fit for a regulatory purpose. Pursuing this objective is expected to inform regulatory frameworks and be instructive to others to develop their own validation datasets. For more detailed information about the project and/or to register as a pathologist-data-collector, please visit <https://ncihub.org/groups/eedapstudies/>.

The HTT project has been accepted as a project of the Truthing and Validation Workgroup of **Plcc**.

- Plcc is The Pathology Innovation Collaborative Community.
- Plcc is pronounced "Pie" CC.
- [Link to the Truthing and Validation workgroup.](#)
- [Link to the FDA Collaborative Communities Program.](#)

The HTT project was also accepted as a project of the W.H.O. International Collaboration for Cancer Classification and Research (IC3R).

- The IC3R project is named PADEA (Pathologist Annotation Datasets for Evaluating Algorithms) to allow the effort to grow to other applications beyond TILs evaluation.
- [Link to IC3R "Projects" page.](#)

To contact us with any questions or join our efforts: [Contact Us HERE](#)

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## Updates

### October 2022

- Brandon Gallas presented to the FDA Oncology Center of Excellence
  - "Developing a dataset to validate computational models that analyze digital pathology images to assess tumor-infiltrating lymphocytes (TILs) in breast cancer"
  - [Link to Recording and Slides](#)

### September 2022

- Personal Celebrations! Project managers Victor Garcia, and Kate Elfer celebrated their weddings to their significant others!

### August 2022

- Slides for our pivotal study have been received from Emory University and Stony Brook University and scanned with an Aperio AT2 DX (FDA-qualified WSI scanner)
- Brandon Gallas presented to the Pathology Innovation Collaborative Community a Webinar on “ROC and MRMC Tutorials”
  - [Link to Recordings, Slides, and Abstract](#)
- Brandon Gallas and Si Wen presented their work at the Joint Statistical Meeting:
  - Brandon Gallas, “Exploring Pathologist-Pathologist Agreement as a Baseline for Algorithm-Pathologist Agreement”
  - Si Wen, “Limits of Agreement for an MRMC Study”

### July 2022

- **Info Sharing:** One day, the public health emergency will be declared over. Here is guidance on what happens to devices that fall within pandemic enforcement policies, like WSI scanners: [LINK](#)
- Open-Position: ORISE Fellow
  - Victor Garcia, MD, is transitioning into an FDA/CDRH/DIDSR full-time staff fellow
  - We therefore have an open ORISE Fellow position for the next year (starting 01 October 2022): Statistics and Informatics Support the Assessment of Artificial Intelligence and Machine Learning
- Actively recruiting now – please distribute!  
[jobDescriptionDigitalPathologyAIML-20220617-2\\_1.pdf](#) (106 KB, uploaded by Katherine N Elfer 1 year 8 months ago)
- **Needed:** We are looking for an FDA-cleared Scanner. We are targeting the the Aperio AT2 DX because it has a format that is open enough to be supported by several software tools and platforms.
  - One batch of pivotal study slides are in our hands!
- Upcoming Presentations: American Statistical Association’s Joint Statistical Meeting
  - Session: Assessing Agreement and Reader Reliability in Medical Imaging Analysis (organized by Si Wen)
  - August 7th, 2022 in Washington DC
  - [Link to Session Info](#)
  - Brandon will present “Exploring ?Pathologist-Pathologist Agreement? as a Baseline for ? Algorithm-Pathologist Agreement?”

- Si will present “Limits of Agreement for an MRMC Study”
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- We hope to schedule a redux of the session to be hosted by Plcc.
- Published: Hongfei Du, Si Wen, Yufei Guo, Fang Jin, and Brandon D. Gallas, “Single reader between-cases AUC estimator with nested data,” Stat Methods Med Res, p. 9622802221111540, Jul. 2022, doi: [10.1177/09622802221111539](https://doi.org/10.1177/09622802221111539).

### June 2022

- Re-Introduction: Phoebe Qian, ORISE Intern
  - [Please see Phoebe's Admin page](#)
  - Phoebe is rising high school senior returning for her second summer with us!
  - Phoebe is hunting for colleges for Fall 2023 with a focus on computer science