

# Low Dose CT Grand Challenge



## Who can participate

- CT image reconstruction researchers
- CT image denoising researchers

## Why participate

- Test your reconstruction/denoising algorithms against others in the field
- Use real patient data w/ and w/o pathology

## Timeline

- **Jan 2016:** Participants download patient data from AAPM website
  - Radiologist-selected abdominal CT patient cases (10 training, 20 testing) with noise inserted to simulate lower dose acquisitions
  - Projection data converted into an open format (user manual and reading tools provided)
- **Apr 2016:** Participants submit reconstructed images or denoised images to AAPM website
- **Jun 2016:** Images read by radiologists at the host site
- **Aug 2016:** Winners announced at AAPM Annual Meeting

## Prizes

- Three best-performing participants will be invited to present their technique in a Low Dose CT scientific symposium at the 2016 AAPM Annual Meeting
- Free AAPM Annual Meeting registration for top three participants
- Manuscript co-authorship
- Bragging rights

## How to participate

- Visit AAPM website for details
- Contact Dr. Cynthia McCollough  
[McCollough.Cynthia@mayo.edu](mailto:McCollough.Cynthia@mayo.edu)

