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| **Reported by (Name):** | **Elizabeth A. Krupinski, PhD** |
| **Organization:** | **University of Arizona** |
| **Position Title:** | **Professor** |
| **Activity:** | **RSNA RIC Committee Meeting** |
| **Meeting Dates:** | **May 12-13, 2015** |
| **Meeting Location:** | **RSNA Headquarters Oak Brook, IL** |
| **Payment $:** | **N/A (RSNA covers)** |
| **Reasons for Attending or not Attending** | **AAPM liaison to RSNA RIC** |
| **Issues from Previous Meetings or Year:** | **None** |
| **General Description of Activities of the Organization and/or Meeting:** | The RSNA Radiology Informatics Committee (RIC)is responsible for promoting education and research regarding critical emerging technologies and digital imaging and health care information systems, and for fostering cooperation among the imaging professions and industries to drive innovation and advance the quality and efficiency of patient care through technology. I attend their meetings at the RSNA annual meeting as well as their longer meeting typically held in February and May.  **KEY ONGOING INITIATIVES OF RIC – IN CAPS & YELLOW HIGHLIGHT ARE SOME AREAS WHERE AAPM MIGHT HAVE DIRECT INTEREST**  **Reporting**  The Reporting initiative (http://www.rsna.org/Reporting\_Initiative.aspx) created library of structured radiology report templates (radreport.org) to enable efficient & consistent reports. Are over 260 templates available online. RSNA worked with other organizations & broader radiology community to develop them. IS THERE ANY USE FOR INCLUSION OF PHYSICS ISSUES (e.g., ARTIFACTS, IQ) IN REPORTS?  Reporting committee working with industry & standards community (DICOM, HL7 and IHE) to facilitate adoption structured templates in commercial systems & clinical practice. Oversaw reformatting 200+ templates to make compliant with IHE Management of Radiology Report Templates (MRRT) profile & contributed to DICOM Supplement 155 schema for radiology reporting templates & transformation template-based reports into HL7 Clinical Document Architecture (CDA) format.  **RadLex**  RadLex continues to expand & refine RadLex radiology lexicon (<http://www.rsna.org/RadLex.aspx>). RadLex Playbook provides standardized names for radiology procedures in CT, Ultrasound, MRI, radiography, fluoroscopy, nuc med. Committee expanded relationships with industry, standards organizations, other medical societies & government to refine RadLex & promote adoption. LOINC applies universal code names & identifiers to medical terminology related to EHRs. Group developed model mapping between Playbook & LOINC.    **RSNA Image Share Network**  RSNA has worked to create network for patient-controlled sharing medical images & reports to establish nationally adopted set standards. Patients at participating sites given secure ID & password info to retrieve images & reports into free accounts with PHR account providers (Dell, DICOM Grid, itMD and lifeIMAGE). Help desk established for ongoing patient support. As of November 2014 > 16,000 patients enrolled. Open source software & tech documentation freely available to software developers and other interested groups. ROLE FOR INCLUDING DOSE INFO?  **Integrating the Healthcare Enterprise (IHE)**  IHE Radiology Committee developed new standards specifications to address image object change management in telerad environment; DBT & access to imaging data on mobile devices.  **MIRC**  RSNA Medical Imaging Resource Center (MIRC - http://www.rsna.org/MIRC.aspx) provides free software tools to meet research & educational needs radiologists. 2 most widely used tools are Teaching File System (TFS) & Clinical Trials Processor (CTP). MIRC subcommittee began planning potential future developments of TFS platform including learning community based on user contributed content to be vetted by expert reviewers & delivered to each user based on their  past usage and personal profile. WOULD BE USEFUL TO POSSIBLY INCLUDE PHYSICS ASPECTS IN THIS  **Quantitative Imaging and Biomarker Alliance (QIBA)**  Quantitative Imaging Reading Room (QIRR) exhibit area at annual meeting showcases novel pre-commercial software & analytical tools some derived from partnerships between industry & academia. SHOULD ENCOURAGE AAPM MEMBERS TO GET INVOLVED  Quantitative Imaging Data Warehouse (QIDW) to support QIBA-related projects. A prototype implementation brought on-line 2013 for use by QIBA members. > 45,000 images uploaded to support 118 registered users & 7 communities using reference data to test & validate algorithms. SHOULD ENCOURAGE AAPM MEMBERS TO GET INVOLVED  **RSNA Informatics and ACR’s Imaging 3.0 Initiative**  RSNA & ACR coordinating IT activities to support new ACR initiative = Imaging 3.0TM for improved delivery of imaging informatics solutions. There was some question as to where this initiative is headed and what future collaborations might be. Perhaps worth stepping back now.  **Clinical Informatics Board Certification**  ACGME approved clinical informatics (CI) board certification process & fellowship pathway to formalize training of future informatics health-care leaders.  **Future Planning**  All agreed RIC has made significant progress over the years & continues to be a vital part of the RSNA portfolio of committees. Kits activities are important but there may be a need to redefine mission in such as way as to better promote and support projects and tools that will be more “product” worthy.  **AGENDA FROM MAY MEETING**  **RSNA Radiology Informatics Committee**  ***Long Range Planning Meeting Agenda***  **RSNA Headquarters – May 12 13, 2015**  **Tuesday, May 12**  **8:00 – 8:30 Continental Breakfast**  **I. RSNA Business – (Rao, Flanders, Watson, Drew) 8:30 - 8:45**  A. Welcome Dr. Rao and Dr. Flanders  B. General RSNA and Board of Directors information pertaining to informatics and the  RIC’s involvement  C. Overview of agenda.  **II. Learning Community/MIRC (Juluru) 8:45 – 9:15**  A. Update on LC proposal and status  B. TFS updates/metrics  C. Learning Community updates  1. Action Items  **III. CTP Updates and Developments (Erickson) 9:15 - 9:45**  A. CTP updates and development  B. Review of short and long term goals  1. Action Items  **IV. *RadioGraphics* (Eng) 9:45 - 10:15**  A. Update Report  1. Marketing  2. Features / future development pathway  B. Review of short and long term goals  1. Action Items  **10:15 – 10:25 BREAK**  **V. Overview of Informatics at RSNA 2015 – RSNA Staff – Informatics/Programs**  **Informatics Demos (Staff/Various Committee) 10:25 - 11:00**  A. NLM Literature Searches (McMillen)  B. Status update on Informatics Courses taking place at RSNA 2015 including (Weadock,  Boonn, Kohli)  C. Diagnosis Live Presence (Chang, Kalbfleisch)  D. Quantitative Imaging Reading Room (Andriole)  E. Scientific Sessions/Education Exhibits – (Eng/Shrethra)  **VI. RadLex Update – (Wang) 11:00 - 11:45**  A. Playbook Update  B. RadLex LOINC harmonization update  1. Future funding possibilities  C. Review of short and long term goals  1. Action Items  **11:45 – 12:30 LUNCH**  **VII. CDE Project (Joint with ACR)** (Kahn/Flanders/Geis/Langlotz) **12:30 - 1:15**  **A.** CDE project update  1. Overview of first 4 meetings.  2. Objectives for 2015  **B.** Discussions and Future Plans  C. Plans for 2016 Joint Meeting  **VIII. Reporting Update (Kahn) 1:15 - 2:00**  A. Reporting update  B. TLAP update  C. Short and long term goals  1. MRRT + Sup 155 adoption (HL7 CDA v3?)  2. Computer-aided reporting / integration with ACR Assist  3. Multimedia reports (HTML / images, tables, etc.)  4. Common Data Elements (CDEs)  **IX. QIBARIC**  **Update (Andriole) 2:00 - 2:30**  A. QIBARIC  B. QIDW – Quantitative Imaging Data Warehouse Update  C. Review of short and long term goals  1. Action Items  **2:30 – 2:45 BREAK**  **X. IHE (Mendelson) 2:45 - 3:25**  A. Overview of Activity  B. IHE USA and IHE International  1. Financial sustainability model  C. IHE Image Sharing Demonstration at RSNA 2015  1. Image Sharing Plans  2. Reporting  3. Additional topics in demo  D. RSNA HISP Proposal  E. Review of short and long term goals  1. Action Items  **XI. NIBIB Image Sharing Project (Mendelson) 3:25 - 4:15**  A. Deployment status and project updates  B. Next phase future plans and funding  **XII. Health IT Policy (Langlotz) 4:15 - 4:45**  A. Meaningful Use – updates  B. CDSPAMA  **XIII. Recap of Day (Flanders) 4:45 - 5:00**  **Wednesday, May 13**  **8:00 – 8:30 BREAKFAST**  **XIV. RadSCOPE/MyRSNA (Chang, Pede, Kalbfleisch) 8:30 - 9:15**  A. Development of new features  B. DiagnosisLive update  C. Diagnosis Live Presence (Chang, Kalbfleisch)  D. Review of Short term and long term goals  1. Action Items  **XV. Marketing – Informatics Projects/Centennial Updates 9:15 - 9:45**  A. RSNA 20152016  Marketing efforts  B. Centennial Showcase at RSNA 2015  1. Proposals from Eliot Siegel.  **XVI. SIIM/ACR/ABR Other Informatics Groups Collaboration (Flanders/group) 9:45 - 10:45**  A. ACR  1. Logistics for 2016 joint meeting at Terranea  B. APDR  C. SIIM 2015 – 2015 Collaboration plans  D. SIIM Annual Meeting Update  E. AUR  1. 2015 Meeting updates  2. 2015 MIRC course recap  3. 2016 Collaboration Plans  F. AMIA Collaboration  G. ASCO/CancerLinq  H. Future plans for joint efforts with other organizations (i.e., SNM, etc)  **10:45 - 11:00 BREAK**  **XVII. European Update (Neri) 11:00 - 11:30**  A. Radiology Informatics activities in ESR (eHealth, EIBALL, MIR)  B. New ESR Position papers in Radiology Informatics  C. European Society of Medical Imaging Informatics (planning 20152016)  **XVIII. New Business and Meeting Recap (Flanders) 11:30 - 11:45**  A. Review of Action Items  B. Sept. Conference Call –set date  C. Meeting during Annual Meeting – Tuesday, 12/1/15 from 12:00pm – 1:15pm  D. 2016 February Meeting – Terranea – Rancho Palos Verdes, CA  1. Arrive Sunday, February 7, 2016  2. Meet Monday jointly with ACR, February 8, 2016  3. Meet, Tuesday, February 9, 2016 (shortened day) RIC Only  4. Meet Wednesday, February 10, 2016 (done by 2:00pm) RIC Only  5. Meet Thursday, February 11, 2016 (done no later than 11:30am) RIC Only  **11:45 - 12:30 LUNCH**  **XIX. Strategic Planning and Informatics Long term Goals (Flanders/Langlotz) 12:45 - 4:00pm**  A. RIC Mission  1. Future vision, mission and goals for RIC  2. New charge for the committee, maintaining relevance as the organization becomes more facile with technology.  3. What is the focus for RIC? products, standards, outreach/collaboration  B. Strategic planning for RIC projects  1. IHE  2. MIRC  a) TFS  b) CTP  3. QIDW  4. RadLex  5. Reporting  C. Horizontal integration of Informatics within various RSNA Committees  D. Key areas of Outreach  E. Informatics brainstorming, new projects, and future goals |
| **Issues for AAPM:** |  |
| **Budget Request ($):** | **None** |