

2015 Education Council Retreat  
March 13-14, 2015  
Chicago IL  
Agenda

1. Call to Order
2. Introductions
3. Overview of goals of retreat – Starkschall

Game Plan: Friday

- a) Assess progress on actions from last retreat
- b) Review and modify, if necessary, goals of retreat
- c) Identify actions required to achieve goals
- d) Identify potential new projects

Game Plan: Saturday

- a) Address EC online presence
4. Status of AAPM Strategic Planning Process – Starkschall
5. Review of and progress toward planning goals  
Please see attachment – Minutes of 12/2014 EC meeting

a) AAPM SPC Goals – Starkschall

- i) Review and develop methods for funding of residencies – Prisciandaro

Status of Residency Programs (These numbers will be updated on March 1, 2015):

*Therapy – 78 approved, 4 in review process, 2 incomplete (~126 residents)*

*Imaging – 11 approved, 2 in review process, 6 incomplete<sup>1</sup> (~29 residents)*

*DMP – 2 approved, 0 in review process, 3 under consideration*

Goals to meet staffing needs: Therapy 125-150 residents/year; Imaging 25-30 residents/year.

From CAMPEP survey, 113 residents entered therapy programs, and 7 entered imaging programs.

AAPM/RSNA Imaging Grant Recipients:

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<sup>1</sup> Includes programs receiving AAPM/RSNA grants, but not yet submitted Self-Study

2013 Recipients:

Univ of Alabama Birmingham  
Memorial Sloan-Kettering Cancer Ctr  
Univ of Wisconsin

2014 Recipients:

Univ of Chicago – accredited 12/19/2014  
Duke Univ  
Emory Univ – accredited 2/25/2014  
Indiana Univ  
Univ of Oklahoma

Status of nuclear medical physics residencies:

Status of White Paper on residency funding: From 12/1/2014 EC meeting report scheduled for release around end of 2015.

Status of Med Phys Match:

- ii) Provide administrative infrastructure for small residencies – Prisciandaro

Status of webinar:

- iii) Expand online services and find ways to enhance revenue, especially from outside groups.

Develop business plan for online continuing education – Parker/Bloch

Status of business plan:

- b) Discussion by AAPM leadership
  - i) Bayouth –
  - ii) Boone –
  - iii) Curran –
- c) Education Council – Starkschall
  - i) Identify educational needs to meet future research needs – Dobbins
  - ii) Clarify policy on liaisons – Keyser
  - iii) Suggestion Box items – one since last meeting
  - iv) TG-250 – Dobbins

This will be discussed when we discuss online presence

- d) Continuing Professional Development – Parker
  - i) Maintenance of Certification SC
    - (1) Review charge to SC
    - (2) Identify activities and goals

- ii) Professional Development Needs Assessment SC
    - (1) Identify charge to SC
    - (2) No members at present – do we need this SC?
  - iii) Online Learning Services SC – Bloch
    - (1) Develop business plan for online continuing education
      - (a) Develop and market online course modules
    - (2) Identify additional activities and goals
  - iv) RSNA Education Coordination SC
    - (1) Identify charge to SC
    - (2) Report on Refresher Courses – 2014 RSNA meeting
    - (3) Status of Refresher Courses – 2015 and 2016 RSNA meetings
  - v) Summer School SC
    - (1) Identify charge to SC
    - (2) Upcoming Summer School topics and budgets
  - vi) Other activities for Committee
    - (1) Other modes of delivery of continuing professional education
    - (2)
- e) Education and Training of Medical Physicists – Prisciandaro
- i) Awards Selection SC
    - (1) Identify charge – awarded AAPM graduate fellowship, ASTRO/AAPM Therapy Physics residency grants
    - (2) Minimal record of activity in past few years
  - ii) SC on Medical Physicists as Educators
    - (1) 1-year: Innovation in Medical Physics Education Symposium
    - (2) 3-year: Educator of the Year awards
    - (3) 5-year: Physics Education Workshop
    - (4) Discuss making this SC a committee
  - iii) Medical Physics Residency Training and Promotion SC – Antolak
    - (1) WG on Funding Options for Residency Programs
    - (2) Imaging Physics Residency WG
      - (a) Possible involvement with nuclear medicine physics residencies
    - (3) WG on Coordination of Med Phys Residency Programs
      - (a) Med Phys Match program
    - (4) WG on Professional Doctorate Degree for Med Phys
  - iv) Summer Undergraduate Fellowship Program SC

- v) Students and Trainees SC – need updated minutes
  - (1) WG to Promote Non-Clinical Career Paths for Med Phys – need updated minutes
  - (2) Residency Fair at AAPM Annual Meeting
  
- vi) WG on Periodic Review of Med Phys Residency Training – need 2014 minutes
  - (1) Develop document to aid physicists in achieving and maintaining competence in new technologies – address this on specific technologies
  - (2) Curricula for fellowship programs
  - (3) Outcomes of residency training – AAPM vs SDAMPP vs CAMPEP
  - (4) Review of existing curricula
  
- vii) WG on Med Phys Graduate Education Program Curriculum
  - (1) Need to identify charge
  - (2) Revision of core curriculum, identifying resources for teaching
  
- viii) Minority Recruitment SC – see minutes from 2014 meeting
  - (1) Identify charge
  - (2) Recruit members
  - (3) Identify projects – diversity issues
  
- f) International Education – Pipman
  - i) Identify charge
  - ii) Post 2014 minutes
  - iii) Meetings endorsed, co-sponsored, etc.
  - iv) ISEP
    - (1) Identify charge
    - (2) Post minutes
  - v) WG on Cooperative Agreements
    - (1) Post 2014 minutes
    - (2) Agreements with Spain (SEFM)
    - (3) Agreements with Russia (AMPR)
    - (4) Potential additional agreements
  - vi) **Action Item:** Yakov to generate specific charge and timeline for TG to review international activities by summer meeting (presented at 12/2014 EC meeting)
  
- g) Public Education – Sandison
  - i) See minutes of 7/31/2011 meeting for activities
  - ii) Public Education Web Site SC
    - (1) See minutes of 7/19/2010 for activities
  
- h) Med Phys Education of Physicians – Wilson
  - i) Identify charge

- ii) Post 2014 minutes
  - iii) AAPM/RSNA Equipment Selection Tutorial SC
    - (1) Identify members or combine with Tutorial on Physics in Radiology SC
  - iv) Physics Education Task Force SC
    - (1) Identify Chair
    - (2) Suggest possible name change
  - v) Radiation Oncology Medical Physics Education SC
    - (1) Post minutes
    - (2) Create online modules and review questions, redo therapy curriculum
  - vi) AAPM/RSNA Tutorial on Physics in Radiology SC
    - (1) Identify charge
    - (2) Recruit members
    - (3) Post minutes
  - vii) Imaging Physics Curricula SC
    - (1) Status of curriculum document
    - (2) Where to go from here
- i) Med Phys Education of Allied Health Professionals – deBoer
- i) Identify charge
  - ii) Report on RSNA/AAPM Basic Physics Lecture for Radiologic Technologists – 2014 RSNA meeting
  - iii) Status of RSNA/AAPM Basic Physics Lecture for Radiologic Technologists – 2015 and 2016 RSNA meetings
  - iv) Training and Practice of Medical Dosimetry SC
  - v) WG on Education of Allied Health Personnel Content for Educators Resource Guide
    - (1) Identify members
    - (2) Post minutes
- j) Web-Site Editor for Education – Sprawls
6. Where do we go from here? – Objectives for coming year
- a) AAPM SPC Goals – Starkschall
- i) Review and develop methods for funding of residencies – Priscandaro
    - (1) Develop matching funding program for nuclear medicine physics residencies with SNM-MI
    - (2) Write White Paper on CMS funding of residencies
  - ii) Provide administrative infrastructure for small residencies – Priscandaro/Antolak
    - (1) Develop hub-and-spoke webinar
  - iii) Expand online services and find ways to enhance revenue, especially from outside groups. Develop business plan for online continuing education – Parker/Bloch
    - (1) Develop business plan for non-member access to Virtual Library

b) See attached document and update progress report

7. EC Online Presence

(1) TG 250 status

(2) Sprawls proposal – see attachment

i. Issues:

*Question #1. Should AAPM develop the technical and management capability to host (publish) online modules? This is a complex process that involves a variety of functions.*

*Question #2. Who would author the modules?*

**Online Educational Modules**

*Here we have more unresolved questions than we have answers and several major issues for the EC to consider.*

**Some background.....***over the last several years there has been considerable “chatter” within the EC about the desirability of having online modules. In early 2012 we conducted a survey within the EC committees, sub-committees, and working groups to determine the interest and commitment for modules. The survey results, contained in previous reports, did not support a significant AAPM effort with respect to online modules at that time.*

*A few groups indicated they saw some value in having modules available on some specific topics but there was no indication of any commitment to produce module content.*

*There is actually a more fundamental issue that should be considered by the EC. What is the scope of educational materials that might be considered for modules? Is it to enhance the AAPM’s role in providing continuing education for professional development or is it to move into the areas of education traditionally provided by universities?*

**Recommendation:** *Begin a systematic and deliberate process for analyzing these issues with a focus toward deliberations at the 2014 retreat. TG-250 has been charged with this process.*

8. Million-dollar challenge

9. Adjourn

Attachments:

Minutes of Dec 1, 2014, EC meeting

Projects identified in original EC Strategic Plan

Minutes of 2014 Minority Recruitment Subcommittee meeting

Sprawls document re online modules