Medical School Curriculum Committee Report
Agenda

1. November 12, 2013 ASCO/CABTRAC Stakeholders meeting 11-12-13!! Marilyn Raymond
2. Curricula in our medical schools – getting them to us
3. Role of testing cancer knowledge (NBME, ?ASCO)
4. Membership in ASCO, getting the word out; ?CABTRAC [http://www.asco.org/professional-development/resources-medical-students](http://www.asco.org/professional-development/resources-medical-students)
5. International reach outside US and Canada
6. Getting scientists into the clinic (PhD, postdocs)
7. Manuscript, JCO
8. ASCO University/MOOGs
Current Medical School Curriculum Committee

- **Chair: Michael Lotze**: lotzemt@upmc.edu
  CABTRAC CO-HOST FOR ASCO CABTRAC NCI MEETING & PLANNING COMMITTEE
elected Medical Student Cancer Care Meeting

- **Jonathan Weist**: wiestj@mail.nih.gov unable to attend
  NIH CO-HOST FOR ASCO CABTRAC NCI MEETING & PLANNING COMMITTEE

- **Adrienne Cox**: adrienne_cox@med.unc.edu
  UNC & CABTRAC representative for ASCO CABTRAC NCI MEETING

- **Marilyn Raymond**: marilyn.raymond@asco.org ASCO guest
  ASCO CABTRAC NCI MEETING Planning Committee

- **Li Guanqiao**: liq3@upmc.edu
- **Jerry Shay**: jerry.shay@utsouthwestern.edu
- **Linda Vona-Davis**: lvdavis@hsc.wvu.edu
- **Bryan Allen**: bryan-allen@uiowa.edu
- **Doug Spitz**: douglas-spitz@uiowa.edu

From: Wiest, Jonathan (NIH/NCI) [E] [mailto: wiestj@mail.nih.gov ]
Sent: Monday, October 14, 2013 11:24 AM
To: Lotze, Michael

Subject: Information on Medical Student Cancer Care Meeting on November 12th

Thank you for your email. Due to the absence of either an FY 2014 appropriation or Continuing Resolution for the Department of Health and Human Services, I am out of the office on furlough and I am not able to make any work commitments. Thank you, Jonathan
Background

1. We don’t have a dedicated Oncology course
   – “Even Heme/Onc is mostly Heme.” --- Dr. Lotze

• Based on a preliminary survey sent to 200 U.S. med schools (respondents=19), less than half of other schools do either. Tiffany Chan (MD)

Do you have a dedicated cancer curriculum course in any year?

Preliminary Survey Results

- **Yes**: 11
- **No**: 18

**Total respondents**: 19
Background

2. We have a shortage of oncologists\textsuperscript{[1]}
   – “shortage of 2550 to 4080 oncologists by 2020”

3. Possible that better knowledge of oncology gets more students interested in practicing it
   • Lack of coordinated program is cited as cause of insufficiencies in oncology education\textsuperscript{[2]}
   • Addition of just one clinical elective improved students’ knowledge and attitudes on cancer\textsuperscript{[3]}
   • 83\% of students in a French survey (different residency and medical system) cited exposure to oncology as a reason they decided to become residents in medical oncology\textsuperscript{[4]}
4. Most medical schools don’t know what percentage of their students go into Oncology

- First have to match into a general field (ex. general surgery, internal medicine, pediatrics), then 2-3yr fellowship
- School lose track of their alumni after residency
  - Our own Alumni Office doesn’t have this information

Do you have records of your students’ ultimate career paths and in particular if they went into Oncology subspecialties?

- Yes
- No
- Unsure or No Response

- This makes it even more difficult to evaluate our hypothesis:
Hypothesis

Students choose to become oncologists more frequently if they come from schools with more integrated oncology curricula.
There was no difference in coordination level of curricula between oncologists and cardiologists.

Oncologists felt less well-prepared for their careers by their clinical curricula than cardiologists did.

Coordination level in the clinical years does correlate to how well-prepared for their careers doctors felt to some degree, in pre-clinical Oncology curricula and clinical Cardiology curricula.

Residency was the most important factor among those given in deciding what career to choose for both oncologists and cardiologists.

The pre-clinical and clinical years of medical school were significantly less important to oncologists than cardiologists, whereas research experience was significantly more important.

Oncologists seem to have had significantly less coordinated educations in Oncology than cardiologists, and more coordinated educations in cardiology.
References


CABTRAC Medical Student Cancer Care Meeting Agenda

- 11/12/13 at ASCO Headquarters Alexandria, VA
- Small invited group around 20
- Variety of perspectives
- Goals
  - Review the current status of cancer care training
  - Create a draft list of cancer related competencies required for all medical students
  - Identify strategies to educate medical students in knowledge, skills and practice in cancer care
  - Interactive format
- We may have an extra spot or two. See Marilyn if you are interested
Suggested Small Groups and Topics

- **Adrienne Cox** (CABTRAC) – What do medical students need to know about cancer biology and cancer care? Can you prepare examples of competencies for the knowledge areas you described?

- **Jamie Von Roenn** (ASCO) – What skills and practice experiences should medical students demonstrate regarding cancer care for their patients? Can you write examples of competencies for some of the skills and practices you described?

- **Michael Lotze** (CABTRAC/ASCO)/**James Stewart** (ASCO) – There is no national oncology medical school exam. Why do we need one and if we do, how do we make this happen? How do we measure success? What methods do we need to use to educate medical students in the competencies we create?

- **Jonathan Wiest** (NCI)/**Dan Stover** (ASCO) – What do you see as barriers that would decrease the likelihood of changing medical school curricula to include more cancer care? What do you see as the benefits?
Cancer Biology and Cancer Care in the Medical Student Curriculum

Cancer Care in Medical Student Curricula Meeting
November 12, 2013
ASCO Headquarters, Alexandria VA
10:00 am-3:00 pm

Meeting Goals:

- Review the current status of cancer care training including but not limited to cancer biology, pathology and clinical manifestations of cancer, the natural history of cancer and the basic principles of cancer treatment. Create a draft list of cancer related competencies for all medical students
- Identify methodologies and strategies to educate medical students in knowledge, skills and practice in cancer care that addresses the competencies

10:00am  Welcome .......................................................... Jamie Von Roenn, MD

10:05am  Introductory Remarks & Review LCME Guidelines ...................................................... Richard L. Schilsky, MD

10:15am  Review the Landscape of How Medical Schools Are Teaching About Cancer .................... Karen Antman, MD

11:00am  Open Discussion;
Issues and Critiques of Current Training ........................................ Dan Stover, MD & Jyoti Patel, MD

11:45am  Working Lunch
Participants Accepted

AAMC Carol Aschenbrener (AAMC, Chief Medical Educ. Officer)
ASH Charles Clayton (Sr. Director, Ed & Training)
Dean of Boston U Med Karen Antman, MD, Dean Medical Edu
CABTRAC Adrienne Cox, MD (UNC)
CABTRAC Michael T. Lotze, MD (UPMC)
Dana-Farber Dan Stover, MD (Liaison, ASCO Professional Devt Comm)
Dana-Farber Robert Mayer, MD (Past PDC Chair), Dean Admissions, Harvard
NBME Aggie Butler, MD Vice President, NBME Medical Education and Health Profession Services
ASCO ABIM (NBME) Liaison Jim Stewart, MD Bay State Health
NCI Jonathan Wiest, MD
Participants Accepted

Dean of Medicine Virginia Tech Cynda Ann Johnson, MD, MBA
President/Founding Dean of Medicine and Research Institute

Dean of Medicine University of California Maria C. Savoia, MD Dean for Medical Education UCSD

Northwestern University Jyoti Patel, MD (started med student group)

LDP Liaison Erica Mayer, MD Dana Farber Cancer Institute

Wake Forest Leslie Ellis, MD

Central Michigan University Sandra Howell, MD Department of Surgery; Surgical Oncologist

ASCO Richard Schilsky, MD ASCO Chief Medical Officer

ASCO Jamie Von Roenn, MD,

ASCO Marilyn Raymond

ASCO Michal Tibbits
We need your help!

- One of the next steps after the meeting is to compare our competencies and desired strategies to current medical school cancer care curricula
- Will we find gaps or models?
- Please send your curricula to
  - Michael at LotzeMT@UPMC.EDU
  - Marilyn at marilyn.raymond@asco.org
- Thanks!!
Open Discussion About Other Important Topics

• Curricula in our medical schools – getting them to us—building bridges
• Testing cancer knowledge (NBME, ASCO, medical schools)
• Membership in ASCO, getting the word out; PhD cancer biology trainee membership is free
  http://benefits.asco.org/memberintraining.html
• ASCO resources for medical students
  http://www.asco.org/professional-development/resources-medical-students
More Discussion Items

• ASCO University [university.asco.org](university.asco.org)
  – some free resources
  – Able to provide short videos, spaced education, flashcards
  – No special section for medical students to date
• International reach outside US and Canada
• Getting scientists into the clinic and clinical trials (PhD, postdocs); ASCO/AACR Vail
• Manuscript, JCO—CABTRAC has collected data