Transforming the OHSU Curriculum: A progress report

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The future of American medicine
A brief history
1994: major revision of our MD curriculum

• Nationally-regarded for excellence
• Centralized curriculum balancing scientific basis of medicine with early clinical experience
• Emphasized independent, life-long learning and problem-solving skills
• Support from Culpepper Foundation and Robert Wood Johnson

Now, it’s time again for curriculum transformation

WHY?
Information explosion

The doubling time for medical knowledge is now about 3 years.
Evolving delivery systems

Community-based inter-professional teams provide patient-centered medical care.
Changing patient expectations

Patients are better-informed and expect to share in decision-making.
Changing learners

Tech-savvy students work collaboratively.
New spaces for evolving educational models

Flexible spaces in the CLSB will accommodate many different learning and teaching methods.
Education is not the filling of a pail, but the lighting of a fire.

William Butler Yeats
First steps

- LCME self-study and student survey
- Appointment of a Steering Committee
Steering Committee

Pat Brunett
Tracy Bumsted
Allison Fryer
Beth Habecker
Leslie Kahl

Jeff Kraakevik
Molly Osborne
Bill Skach
Donn Spight

George Mejicano (ex officio)
Tomo Ito (staff)
Rod Taylor (staff)
Curriculum Transformation Timeline

- **March 2012 – ongoing**
  - Information gathering
  - Communication with and engagement of OHSU community

- **June 2012**
  - Committee retreat
  - Development of Guiding Principles of the Curriculum Transformation Process

- **Aug. – Sept. 2012**
  - Formation and charge of initial set of work groups

- **Aug. - October 2012**
  - Focus groups
  - School retreat
Each medical school has a different curriculum.
Shared themes in 21st century curricula

- Integration of basic and clinical sciences
- Curricular content developed from learning objectives
- Competency-driven, criterion-based assessment
- Acquisition of knowledge for its application
- Small-group, team-based, active learning
- Web-based, virtual and sim learning opportunities
- Interprofessional education activities
- Community-based, patient-centered experiences
- Flexibility for individualization
- MD curriculum to prepare graduates for residency training
EdNews blog – How to find it

In your email: From www.ohsu.edu/som
MD Curriculum Transformation Website

www.ohsu.edu/newcurriculum
Guiding Principles of Curriculum Transformation Process

- Involvement and communication with community
- Curriculum design
- Learner-centered approach
- Assessment and evaluation
- Integration of technology
- Faculty development
Curriculum Transformation Work Groups

- Faculty development
- Evaluation, assessment and tracking of students
- Evaluation of courses, clerkships and the overall curriculum
- Teaching methodologies
- Integration of technology into the curriculum
- Integration of clinical and basic sciences
Membership of Work Groups

Assessment, Evaluation and Tracking of Student Performance Working Group
- Nicole Deiorio, M.D. (Chair)
- Molly Osborne, M.D., Ph.D. (Liaison)
- John Ansorge
- Johanna Colgrove
- Tom Cooney, M.D.
- Lisa Dodson, M.D.
- Sima Desai, M.D.
- Marian Fireman, M.D.
- Jeffrey Gold, M.D.
- Rebecca Harrison, M.D.
- Claire Hull
- Mark Kinzie, M.D.
- Lynn Marshall, M.D.
- Cynthia Morris, Ph.D., M.P.H.
- Morgan O’Connor

Evaluation of Courses, Clerkships, and Curriculum Working Group
- Marjorie Grafe, M.D., Ph.D. (Chair)
- Pat Brunett, M.D. (Liaison)
- Richard Bruno
- Nick Esmonde
- Danette Haynes, LCSW
- Jennifer, LeTourneau, D.O.
- Sarah Melton
- Carrie Phillipi, M.D.
- Kamran Sajadi, M.D.
- Clare Wallner, M.D.
- Laura Zeigen

Faculty Development in Educational Design and Teaching Excellence Working Group
- Ben Hoffman, M.D. (Chair)
- Allison Fryer Ph.D. (Liaison)
- Karen Adams, M.D.
- Susan Adams
- Andrea Cedfeldt, M.D.
- Elizabeth Eckstrom, M.D., M.P.H.
- Patrice Eiff, M.D.
- Sakir Gultekin, M.D.
- Holger Link, M.D.
- Vishnu Mohan, M.D.
- Mario Padilla
- Lainie Yarris, M.D.
Membership of Work Groups

Integration of Basic & Clinical Sciences Working Group
- David Jacoby, M.D. (Chair)
- Beth Habecker Ph.D. (Liaison)
- William Skach, M.D. (Liaison)
- Nels Carlson, M.D.
- Dawn Dillman, M.D.
- Tonja Dirks, M.D.
- Dennis Koop, Ph.D.
- Susan Olson, Ph.D.
- Peter Rotwein, M.D.
- Allison Stickles, M.D.
- Megan Troxell, M.D.
- Ryan Van Woerkom, M.D.
- Gary Westbrook, M.D.
- Cezary Wojcik, M.D.

Integration of Technology and Informatics in Curriculum Working Group
- Paul Gorman, M.D. (Chair)
- Jeff Kraakevik, M.D. (Liaison)
- Donn Spight, M.D. (Liaison)
- JoDee Anderson, M.D., M.Ed.
- Phyllis Barks, M.P.H.
- Cleve Bench
- Eilis Boudreau, M.D., Ph.D.
- William Cameron, Ph.D.
- Michael Chiang, M.D.
- Michael Conlin, M.D.
- Robert Duvoisin, Ph.D.
- Andrew Hamilton
- Joe Hardman, M.D.
- Bill Hersh, M.D.
- Shannon McWeeney, Ph.D.
- Erica Mitchell, M.D.
- Eneida Nemecek, M.D., M.S.
- David Noall, M.D.
- Ryan Palmer
- Renee Rutledge, M.D.
- Kemal Sonmez, Ph.D.
- Elizabeth Williams, M.D.
- Victoria Wong, M.D.
- Susan S. Woods M.D., M.P.H.

Teaching Methodologies Working Group
- Brett White, M.D. (Chair), M.D., M.P.H. (Liaison)
- Tracy Bumsted, M.D., M.P.H.
- Tom Becker, M.D., Ph.D
- Curtis Bergquist
- Tom Boudrot
- Judith Bowen, M.D.
- Mark Hattenhauer, M.D.
- Dave Jones, M.D.
- Pat Kenney-Moore, M.S.
- Selena Liao, M.D.
- Laurel Murphy
- Kerry Rhyne, M.D.
- Teresa Worstell
Focus groups to provide input

What do our students say?
Curriculum Transformation Retreat

Information sharing:
• Adult learning and educational outcomes
• Curriculum transformation progress
• National perspective on medical curricula
• Feedback from our students
• Next steps

Input seeking:
• What qualities should our graduates have?
• What are our strengths and our challenges?
• What should our ideal curriculum look like?
• What ideas and innovations do you have to share?
• How would you like to be involved in the process?
Community engagement essential

- Multi-year process
- Driven by faculty knowledge
- Outreach to community:
  - What will future physicians need to know?
  - What should their attributes be?
  - How will physicians interact with communities?
  - ...many other questions/topics
Next steps

- **Oct. 2012 - March 2013**
  - Summarize and report on retreat themes
  - Faculty survey
  - Additional stakeholder input
  - Calls and visits to “exemplar schools”
  - Review and refine educational objectives
  - Report integrated themes, findings and recommendations
  - Develop template for curriculum

- **Jan. 2013 - March 2014**
  - Write grant to support transformation process
  - Develop curricular content
  - External review

- **Feb. 2014 – July 2015**
  - Continued refinement of curricular content

- **Aug. 2014**
  - Rollout of year 1 of the new curriculum

- **Aug. 2015**
  - Rollout of year 2 of the new curriculum
Let’s celebrate the journey!

After 125 years, we have evolved from this... to this!