Curriculum Reform Newsletter

WE WANT YOU: FACULTY ENGAGEMENT IN THE NEW TREK CURRICULUM

University of Colorado Anschutz Medical Campus
We are currently transitioning from the Legacy medical student curriculum through the Hybrid curriculum to the Trek Curriculum.

- The Class of 2023 (just starting MS3 year) will be the last class to complete the Legacy curriculum.

- The Class of 2024 (just finishing MS1 year) are in the Hybrid curriculum and will start their Core Clerkships in January 2022.
  - See *Hybrid timeline graphic on page 3*.

- The Class of 2025 will start at CUSOM in July 2021 in the Trek curriculum.
CUSOM Hybrid Curriculum

Year 1
- Orientation (End July)
- Summer Discover (June/July)
- Hybrid Essentials Core (Jul 2020 – Jun 2021)
  Hybrid Essentials Phase I
  Foundations of Doctoring
  Advisory College Program

Year 2
- Summer Discovery (8 Wks)
- Hybrid Essential Core (Aug 2021 – Dec 2021)
  Hybrid Essentials Phase 2
  Foundations of Doctoring
  Advisory College Program

Year 3
- Clinical Core (Jan 2022 – Oct 2022)
  Advanced Integrated Science Courses
- Advanced Science Courses (Nov 2022 – Dec 2022)

Year 4
- USMLE 1 (Jan/Feb)
- Pre-AI Base Camp (Feb/Mar)
- USMLE 2 (October)
- Phase 4 (Jan 2023 – May 2024)
  USMLE 1 (Jan 2023 – Feb 2023)
  Acting Internships
  Electives
  ICC

CUSOM Trek Curriculum

Year 1
- Orientation Base Camp (July)
- Summer Discover (July/August)
- Foundational
  Preclerkship Integrated Curriculum
  Clinical Skills Training
  Health & Society Integration
  Preceptorship Coaching

Year 2
- Summer Discovery
- Foothills Base Camp (September)
- Foundational
  Core Clerkships
  Longitudinal Integrated Clerkships

Year 3
- USMLE 1 (Dec/Jan)
- Alpine Base Camp (January)
- Advanced
  Advanced Integrated Science Courses

Year 4
- USMLE 2 (April 15th)
- Summit Base Camp (April/May)
- Individualized
  Trail (Non-clinical) Leadership Training
  Clinical Concentration
  - Bioethics & Humanities
  - Medical Education
  - Health Systems & Community Leadership
  - Research
  - Acting Internship
  - Acute Care
  - Individualized Integrated Science Selective
  - Electives

Final Year:
- Individualized
  Transition to Residency Courses

Plains
Foothills
Alpine
Summit
We are grateful to the hundreds of faculty, students and staff who have contributed to committee work, course design, assessment planning and the logistics of implementing a project of this size and scope!

This Month We Wanted To:

- Outline upcoming occasions for faculty to learn more details about the new curriculum
- Highlight opportunities for faculty to become further engaged in working with our students
- Congratulate and welcome faculty into new curricular leadership positions
Trek Curriculum Faculty Mini-Retreat

We invite you to celebrate with us and learn about the new curriculum by attending one of these two dates.

June 23, 2021 or July 8, 2021 at - 8:00am - 12:00pm

The mini-retreat will provide updates on the new curriculum, describe additional opportunities for faculty to engage with students, and provide faculty development for those that will be working with students in Trek.

These sessions are particularly important to all of you who will be teaching and working in the new curriculum but also will be of interest to many members of our community who are proud of our institutional development as a leader in medical education with a focus on improving the outcomes of the communities we serve.
**Lecture in the first year curriculum**
We seek interactive lecturers on topics of the basic medical sciences. Course directors will contact you about specific lecture dates and times. Each interactive lecture is 50 minutes and may be team taught.

**Lab teaching in the first year**
Our curriculum includes laboratory sessions in the basic medical sciences including pathology. These sessions typically run for 2-4 hours in an afternoon. Course directors will contact you about specific lecture dates and times.

**Preceptorship**
First year medical students need to practice their clinical skills and learn health systems science in the inpatient and outpatient clinical settings. We are seeking volunteer preceptors to host students in clinical sessions. The time commitment is 10 required half-day sessions with the student you are matched with. These sessions are dispersed over the year (4 in the fall, 4 in the spring, and 2 in the summer).

**Clinical Skills Teaching**
Classroom and simulation based teaching during the first year and later clinical years is available for interested faculty and residents. Most instruction occurs in small groups and sometimes includes standardized patient interviews and exam sessions. Topics include communication, physical exam and clinical reasoning. Training is provided for teachers and each session typically runs for ½ day. Teachers may sign up for multiple sessions throughout the year.

**Communications Coaching**
Small group and individual communications, interviewing, history taking sessions are facilitated by individual faculty or faculty pairs. Facilitator training will be provided. Both foundational and advanced coaching opportunities are available. Faculty with communications experience needed, including those with expertise in social work, motivational interviewing, psychology. Training is provided for teachers and each session typically runs for ½ day. Teachers may sign up for multiple sessions throughout the year.

**Co-teaching small groups Health and Society**
This health systems science curriculum includes small group sessions most Wednesday afternoons during the first year of medical school wherein groups of 8-10 students meet with one facilitator for 30 sessions that each last 2 hours. Cases are designed to improve skills in clinical reasoning, communication of medical information, self-directed learning and research strategies to answer clinical questions. Groups also discuss how ethics, professionalism, cultural differences, and medical systems affect the care delivered to patients. We seek facilitators who are willing to join current small group teachers in sessions of specialty or content interest. Interested faculty will receive just in time faculty development for the upcoming sessions and may sign up for one or multiple sessions throughout the year.
Co-teaching basic science small groups
All of our first year courses will include small group sessions in areas of the basic medical sciences. Many of these will be case based. We seek basic scientists, graduate students and clinicians to co-facilitate these small group sessions. Just in time faculty, development will be provided. Time commitment may be as little as 2 hours. Training is provided for teachers and may sign up for multiple sessions throughout the year.

Campus-wide Interprofessional Education
Interprofessional Healthcare Ethics/Health Equity (IPHE) in the Fall semester, and Interprofessional Collaborative Practice (IPCP) in the Spring semester are required courses for all first-year students in the schools of dental medicine, medicine, nursing, pharmacy, physical therapy, and physician assistant programs on campus. IPHE faculty facilitate interprofessional learning in teams through discussions, clinical cases, and debates. IPCP faculty coach interprofessional teams to develop essential communication skills and processes for teaming simultaneously and sequentially (i.e. handoffs). Teams will use individual and team feedback to promote collaborative practice improvement.

Mentored Scholarly Activity (MSA) Faculty.
All CUSOM students are required to complete a longitudinal scholarly project with a faculty mentor. The goal of the MSA curriculum is to foster self-directed, life-long learning and scholarship over the course of the medical student’s career. The MSA requires students to identify and work with a mentor to complete scholarly projects in disciplines ranging from the basic sciences to clinical research to public health to education evaluations to the humanities. The MSA experiences also prepare students for working with mentors later in their careers and serving as mentors to others in the medical profession.

Teaching clinically in the LICs
All CU medical students will participate in Longitudinal Integrated Clerkships (LICs) during their second year in the Trek curriculum. LICs match students with longitudinal faculty preceptors in each of the core specialties (internal medicine, family medicine, pediatrics, surgery, obstetrics & gynecology, psychiatry and emergency medicine) with whom they work with repeatedly over the course of the entire clerkship year. Clinical faculty are needed to teach in this model working with students approximately one half day per week.

Advanced clinical skills coaching
For students in clinical rotations, advanced clinical skills coaching and remediation is sometimes required. Clinical faculty will work one on one with students to improve clinical skills including oral presentations, clinical reasoning and advanced physical exam. Clerkship directors will contact faculty for ad hoc work with individual students.

Admissions committee members and interviewers.
Interviewers are needed for the admissions process including group and one on one interviews.
Research Day Judges needed
Annually, faculty judges from all disciplines are needed to provide detailed feedback to student research presentations, including basic, clinical, educational and other health systems sciences.

Science consultations
In the Trek curriculum, basic sciences are integrated throughout the four years of medical school. During the clinical years, we seek faculty from basic sciences to serve as scientific consultants as students revisit science in the setting of clinical care.
Examples of required effort would be review of relevant literature with the student and discussion of implications of novel discoveries on clinical medicine. Please note area of greatest interest/expertise.

Train the Trainer
Faculty development sessions in areas of expertise, ie what would you be good at teaching your peers to teach. This can include educational topics such as feedback, mentorship, direct observation or clinical and scientific expertise, including preparation for basic science small group sessions.

Advanced Clinical Expertise
We welcome faculty with interest in sharing patient interviews with students to volunteer to discuss specialized topics with the class. Examples include interviewing a patient in front of the class or facilitating a panel in your area of expertise. Course directors will contact you directly for particular sessions.

DAWN Clinic Preceptor (All years)
DAWN clinic is an interprofessional student run free clinic in Original Aurora dedicated to Aurora’s uninsured population. The primary medical clinic runs on Tuesday evenings and combines medical providers, physical therapy, pharmacy, nursing, dental, and behavioral health along with 40-50 students each week. Family medicine preceptors are GREATLY needed and free medical liability insurance is available.

Hidden Curriculum Small Group Facilitator
Description: Series of small group sessions with a set group of clinical students who meet to reflect upon both the positive and negative things they are learning during their clinical experiences that are not a formal part of the curriculum. The purpose of these sessions is to inspire students as well as to provide a safe environment for sharing & reflection about their clinical clerkship experiences.
Facilitator for Clinical Ultrasound Skills
Small groups of students will learn focused Clinical Ultrasound exams during Plains. Facilitators will help guide the students through the Clinical Ultrasound exams and answer questions. Facilitators should be comfortable with performing and interpreting Clinical Ultrasound Exams. Sessions will be focused and facilitators are not required to be knowledgeable in all exams. I.e., Cardiovascular or Abdomen focused sessions. Each session is typically four hours in length and Facilitators may sign up for one or several throughout the year.

Sign up for a teaching or mentoring opportunity here

Electives for MS1s in the preclerkship, or Plains, phase of the Trek Curriculum
We are excited to announce a call for Course Proposals for Plains (1st year) Electives in the new Trek medical student curriculum. For the purposes of electives, the Plains year is divided into three, 12-week trimesters in which students can complete one elective per trimester. Following the completion of their first Trek curriculum unit and first set of tests, students who are in good standing will have the opportunity to complete one elective per trimester. Electives time is capped at 2 hours total (including both in-class and out-of-class, or prep, time) per week. Course proposal are being accepted now through June 1, 2021.

For more info about Trek Plains electives & to access the course proposal portal, click here
Congratulations to the Faculty Recently Accepted into Teaching and Leadership Roles

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<thead>
<tr>
<th>COMPASS GUIDE</th>
<th>Department</th>
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<tbody>
<tr>
<td>Timothy Bernard</td>
<td>Pediatrics &amp; Neurology</td>
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<td>Adria Bouchareel</td>
<td>Anesthesia</td>
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<td>Anjali Dhurandhar</td>
<td>Internal Medicine</td>
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<td>John Frerichs</td>
<td>Surgery</td>
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<td>Kelly Ground</td>
<td>Hospice and Palliative Medicine</td>
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<td>Christopher King</td>
<td>Hospital Medicine</td>
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<td>Leana May Moser</td>
<td>Pediatric Emergency Medicine</td>
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<td>Katherine Morrison</td>
<td>Palliative Medicine Inpatient Service</td>
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<td>Josina O’Connell</td>
<td>Family Medicine</td>
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<td>Mike Overbeck</td>
<td>Emergency Medicine</td>
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<td>Cleveland Piggott</td>
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<td>Anuja Riles</td>
<td>Pediatric Hospital Medicine</td>
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<td>Hayley Ringwood</td>
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<td>Maurice Scott</td>
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<td>Alison Shmerling</td>
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<td>Hilary Stempel</td>
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<td>Brad Sterns</td>
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<td>Chelsea Wolf</td>
<td>Adult Inpatient Psychiatry</td>
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<td>Brian Wolfe</td>
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<tr>
<td>Aubrey Armento</td>
<td>Orthopedics</td>
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<td>Juri Boguniewicz</td>
<td>Pediatrics-Infectious Diseases</td>
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<td>Rachel Clopton</td>
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<td>Phillip Hitchcock</td>
<td>Medicine-Internal Medicine</td>
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<td>Julia Hudnut-Beumler</td>
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<td>Jessica Jack</td>
<td>Pediatrics</td>
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<td>Kristin Jensen</td>
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<td>Melissa Johnson</td>
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<td>Jia Liu</td>
<td>Medicine-Hospital Medicine</td>
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<td>Steven Lowenstein</td>
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<td>Laura Macke</td>
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<td>Laura Marrs</td>
<td>Pediatrics-Neonatology</td>
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<td>Anna Munoa</td>
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<td>Marina Mutter</td>
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<td>Susan (Michelle) Nikels</td>
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<td>George Olsen</td>
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<td>Hayley Ross</td>
<td>Pediatrics-Emergency Med/Urgent Care/NOC</td>
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<td>Hana Smith</td>
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<td>Emily Spencer</td>
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<td>Suzanne Stamm</td>
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