

**PCSI School – Advanced Design and Implementation of Case-Mix Funding Models – April 2018**

**Syllabus Outline**

<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
(08:30-9:00) Student check-in	(09:00-10:15) Statistical Methods cont'd	(09:00-12:15) CMF Design II - Hospitals • Activity-based funding	(09:00-11:25) Application of Statistical Methods - Hospitals I • Mechanics of trim points and cost weights • Linear regression	(09:00-12:30) CMF Design IV - Patient Reported Outcome Measures and Paying for Quality
(09:00-10:00) • Welcome & housekeeping • Faculty and student introductions • Overview of school objectives and goals	Case Study Exercise #1B	Case Study Exercise #4  Panel Debrief	Case Study Exercise #7	Case Study Exercise #11
(10:00-12:15) Overview of Case Study • Form case study groups  Funding Systems— Introduction and Overview • Definitions and basic mechanics for funding models	(10:15-12:15) Building Blocks of CMF II • Financial Information and Patient Level Costing — Chart of Accounts — Direct, indirect, variable and fixed costs — Patient level costing  Case Study Exercise #2 — Patient level costing		(11:25-12:15) Application of Statistical Methods— Hospitals I (cont'd) • Calculation of case-mix indices (CMIs) • Calculation of cost per weighted case (CPWC) • Benchmarking within and among hospitals • Hospital effects	(12:30-13:00) School Closing • Course evaluations by students • Hand out of diplomas • School ends
Lunch: 12:15-13:00				
(13:00-15:00) Panel Discussion • International landscape  Building Blocks of CMF I • ICD and procedure classifications • Case-mix systems • Case-mix methodologies — Population health  Panel Discussion • Case-mix methodologies  (15:00-17:00) Statistical Methods • Exploratory data analysis • Statistical tests  Case Study Exercise #1A	(13:00-14:00) Building Blocks of CMF II (cont'd)  Panel Discussion • Costing  (14:00-17:00) CMF Design I - Regions & Primary Care • Block funding • Population based funding • Primary care funding  Case Study Exercise #3  Panel Debrief	(13:00-14:20) Student Time - Panel • What does case mix and funding look like in your country?  (14:20-17:00) Managing a Hospital • Considerations with budgeting and funding models  Case Study Exercise #5  Panel Debrief  Data Surveillance • What and why • Methods  Case Study Exercise #6	(13:00-15:30) CMF Design III—Specialties and other Sectors (cont'd) • Funding patients and services outside of hospitals — Rehab, long-term care, etc.  Case Study Exercise #10  Panel Discussion • Considerations for implementation in non-acute sectors  (15:30-17:00) CMF Design III—Specialties and other Sectors • Specialist hospital pricing  Panel Discussion • Hospital and provider pricing	

Breaks: multiple short breaks of approximately 5 minutes interspersed throughout the day