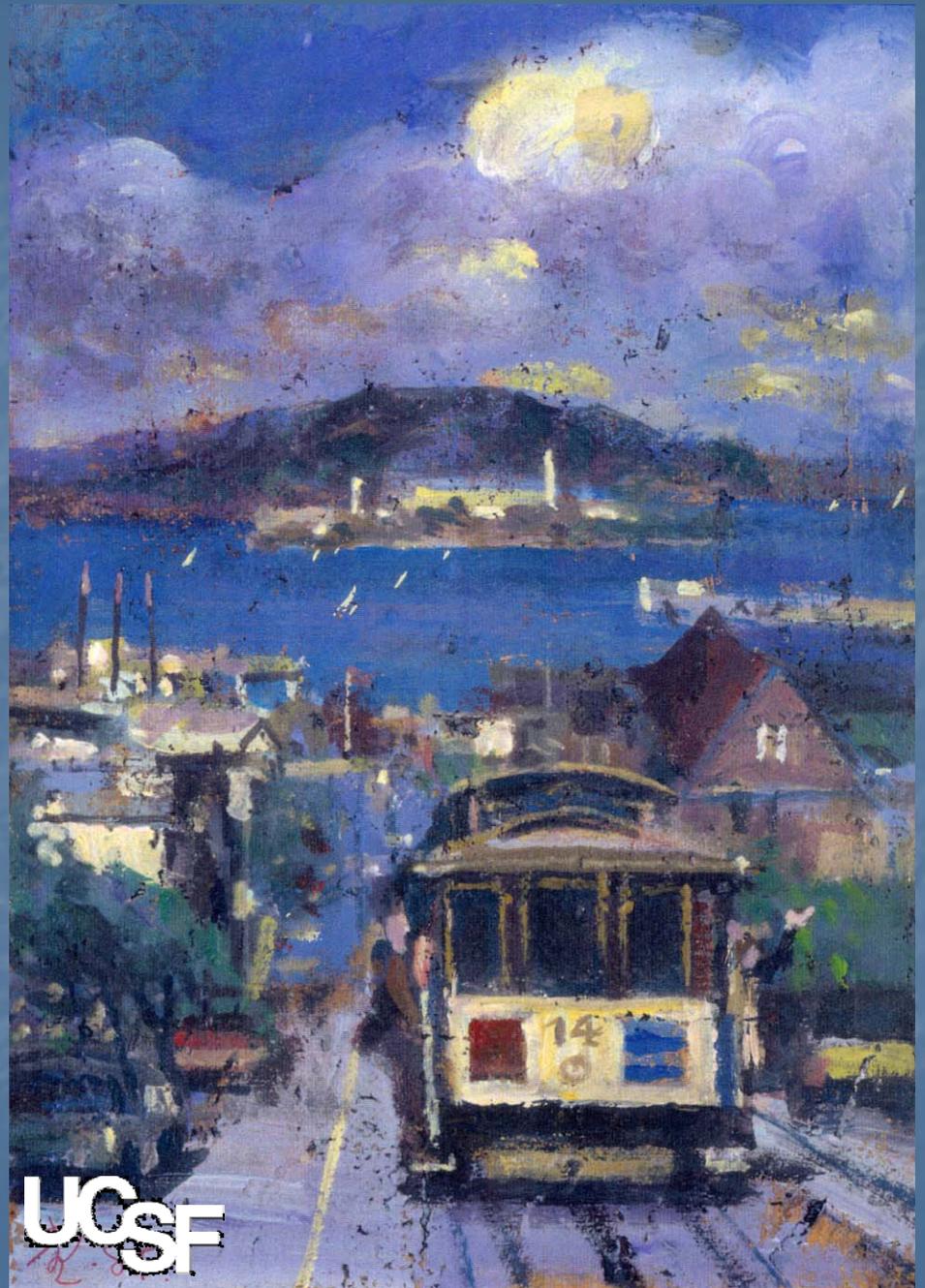


Curriculum Reform

Presented to Guests
Medical College of
Georgia
March 16, 2010
Dorothy A. Perry



Issues Addressed

- No overall revision in living memory
- Overcrowding
 - 10+ courses per term
 - Selective studying
- Addition of new material
- Integration of material
- Information age –enhancing education
 - Student expectations
 - Faculty abilities and expectations
- Environment of teaching rather than learning
- Competitive environment

The Beginnings

- Faculty idea
 - Thematic streams
- New position - Curriculum Dean
- Steering committee
 - Open to all
- Core Values exercise
 - 2 values
 - Several goals

Values and Goals

- Rigorous intellectual environment of diverse learners
- Time for study and reflection
- Outstanding professionals
- Excellent clinicians
- Integrated courses
- Competency-based
- Life-long learning
- 4 to 6 courses per term
- Consistency in grading and philosophy

First Steps

- Identified Leaders for Thematic Streams
 - Biomedical Sciences
 - Dental Sciences
 - Preventive and Restorative Dental Sciences
 - Patient-Centered Care
 - Scientific Methods
- Quarterly retreats - off site
- Many meetings of stream faculty on-site

Progression

- Hours agreement - 32 per week
- Preserved summer break after D1 year
- Defined blocks of time for streams
- Stream faculty met regularly
 - Identify course work in stream concept
 - Fit into allotted hours

Other Challenges

- Change to P/NP
- On-Line support for every course
- Maintain clinic experience hours
 - Comparison of existing and proposed hours
- Revised 3-day talking head orientation
 - Introduction to Dentistry – 2 week experience

Ideas to Implementation

- Course forms
- Kit needs
- Clinic schedules
- Faculty schedules
- Staffing changes
- Rotation schedules
- Senate/campus approval

Implementation

- One-time process - no staggered start
- Communication
 - Town hall meetings
 - Owner's Manual
- Transition for current students
 - D1 and D2 shared classes
 - Shift away from grades and rankings

Issue of Communication

Owner's Manual

New Curriculum 2004-2005

University of California
San Francisco



School of Dentistry

Curriculum Hours Comparison

PREDOCTORAL CURRICULUM			INTERNATIONAL DENTAL PROGRAM CURRICULUM		
Stream	Proposed	Existing	Stream	Proposed	Existing
Scientific Methods (D1)	20	0	Scientific Methods (ID3)	20	0
Preventive & Restorative Science (D1 & D2)	760	1028	Preventive & Restorative	320	290
Biomedical Sciences (D1 & D2)	580	680	Biomedical Sciences (ID3)	40	105
Dental Sciences (D1 & D2)	160	275	Integrated General Dentistry	384	330
Patient-Centered Care			Patient-Centered Care		
D1	120	30	ID3	818	445
D2	225	60	ID4	1155	1056
TOTAL Hours - D1 & D2 years	1865	2073	Externships	120	120
Average Hours per Week - D1 & D2	31	35	TOTAL HOURS	2857	2346
Integrated General Dentistry (D3 & D4)	384	330	Average Hours per Week	36	29
Patient-Centered Care					
D3	1110	790	ID3 students' Orientation	80 hours	
D4	1155	1056			
Externships	120	0			
TOTAL Hours - D3 & D4 years	2769	2176			
Average Hours per Week - D3 & D4	35	27			
TOTAL HOURS	4634	4249			
Average Hours per Week	33	30			
D1 students' Orientation	72 hours				



Foundations of General Dentistry: Summer PCC 131, Fall PCC 132, Winter PCC 133, & Spring PCC 134

Fall Location: Wed C 701 and Fri Toland Hall with Dec 13 & 15 exams in HSW 302 !!

D4 students: if you are on externship during an upcoming required exam, email me asap. Dr. C

Mounted Casts Remediation Exam- has been rescheduled to Wed Dec 13th

Please see Dr. Brear prior to the exam Wed Dec 13th. See Important Preparation Guide ! in CGD icon of Advanced Topics.....Dr. C



Calendar



Discussion Center



eMail



Course Information



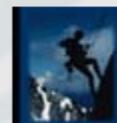
Grade book



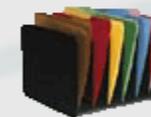
Faculty Email Addresses



Released Exams for Studying



Advanced topics



Required Reading & Essays



Quizzes & Exams





School of Dentistry e-Commons

Anonymous Suggestion Box Now Available!

Thanks to a great suggestion from a student we now have a completely anonymous discussion thread that may be used to make suggestions, please check it out, and let us know what you think.



Class of 2004



Class of 2005



Class of 2006



Class of 2007



Web Links



email



Chat



Discussion



Calendar



School Picnic 2003



Note Pool



Accreditation

Dr. Perry will be available to chat next Thursday evening.

Chats are Thursday nights from 7:30 to 8:30.

Time Line

- Faculty idea 1996 to 2000
- Hire Assist Dean 12/1/01
- Transition year 03/04
- Every new course begun 7/1/04
- Accreditation site visit 4/05
- Planning took 18 months
- Course development still ongoing

Students

- Biggest supporters
- Classes said they were lucky
- Urge faculty to change
- Help faculty upgrade courses
- Bring amazing digital skills

What happened

- D1 Introduction to Dentistry – tough but good
- D2, D3 and D4 transitions – just tough
- D2 – some material not in sequence
- D3 – 10 1-hour courses changed to 1 8-hour course – organizational challenge
- D4 – academic course first in 10 years!
- All thought P/NP would be easy

More...

- Staffing needs changed
- Computers required
 - Now laptops, then either
- Replaced analyst with support for on-line courses
- Communicate entirely through e-mail
 - Adjustment for students
 - Voice mail for patients
- Upgrade preclinical lab for simulation

Feedback from Students

- Mid-quarter student focus groups
- Electronic course evaluations
 - Results generally good
 - Met with directors of courses with low scores
- Focus groups of students
 - Computer and communication issues
 - Complaints
 - Course syllabi
 - Chair space

Student Review 9/05 (after one year)

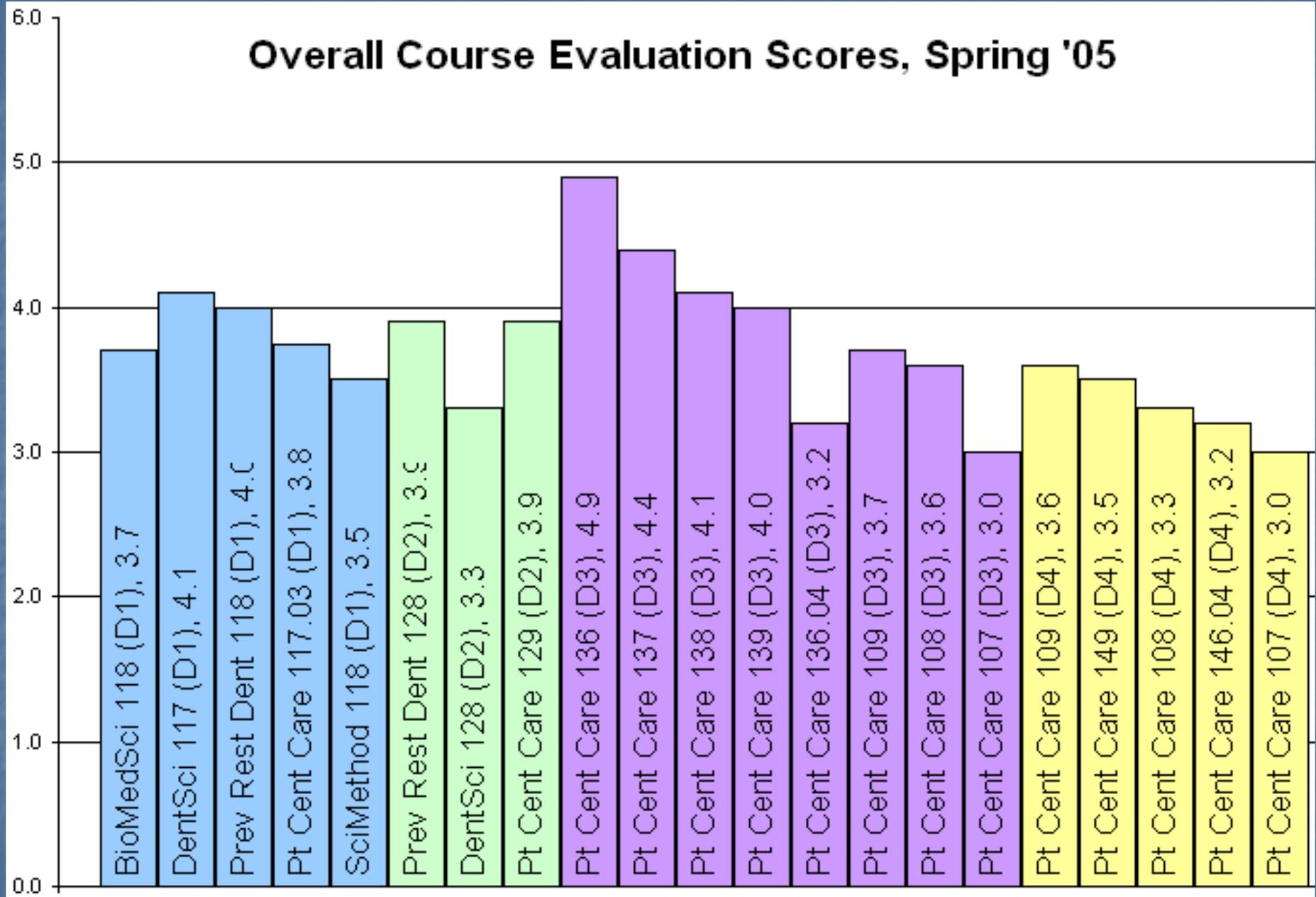
- D1
 - Biomedical sciences
 - Good integration
 - Syllabus (digital or print, ongoing issue)
 - Good tests
 - WebCT useful (want material up immediately)
 - Clear grading criteria
 - Dental Sciences
 - Relevant
 - Need to use texts, readings, and WebCT

- Scientific Methods
 - Relevant material, papers on clinical topics
 - More small group work
- Preventive & Restorative Sciences
 - Great faculty, great electronic presentations
 - Need daily overview in lab
 - Faculty calibration
 - Coordinate big assignments with streams
- Patient-Centered Care
 - More hands-on, great professors
 - More clinic and earlier
 - Liked assisting upper classmen

D4 Review

- Didactic courses
 - More integration
 - Better communication among faculty
 - Dislike exams and remediation
 - On-line course not useful
- Clinical courses
 - Faculty and course directors more available
 - Want more externships and ISO time

Overall Course Evaluation Scores, Spring '05



National Board Part I

- Permitted after year one (before year 2)
- Recommend before D3 year
- Concerns
 - Reduced biomedical science hours
 - Earlier testing
 - Reviews
 - Biochemistry moved to prerequisite

Five Year Retrospective

Year	National Mean	UCSF Mean	National Fail Rate	UCSF Fail Rate
01/02	85.0	86.9	10.1	5.0
02/03	85.0	87.8	11.8	3.7
03/04	85.0	87.0	11.6	1.6
04/05	84.8	88.6	14.2	0
05/06	85.2	87.6	10.7	2.4

Clinical Licensure Results

- Very high pass rate
- WREB (last several years)
 - > 95% first time
- California Board
 - None take this exam because of WREB
- Law and Ethics Exam
 - Very high, no statistics released yet

Remaining Challenges

- Integration of topics
- Learner-centered teaching
- Incursions into ISO time
- Selective forgetfulness diminishing
 - “there was nothing wrong in the D3 year”
- Resource issues over shared courses
- Loss of energy – fatigue
- Sustainability

Biggest Problem









Would we do it again?

- Absolutely
- Rational organization
- Opportunity to develop really talented students
 - Research
 - Academics