

Curriculum Committee Meeting Agenda	
March 25, 2016	12:00 – 12:50 pm; Deans Conference Room (N304 DSB)
Dr. DC Holmes, Chair	Recorder: Ms. Michelle Krupp

Lunch served.

Agenda Items	Responsible Individual
1. Approval of February 26, 2016 Minutes	Holmes
2. Office for Education – Updates & discussion <ul style="list-style-type: none"> • AEFIS • Upgrade programs • CODA – September 18-20, 2018 • CODA Steering Committee 	Krupp/Garcia
3. Departmental Curriculum Review - Endodontics	Work Group
4. Iowa COD Competencies – assignment	Committee
5. NBE results – Current results & implications <ul style="list-style-type: none"> • Who/Why 	Garcia/Hoffman
6. Round Table Comments	Committee
7. Next Meeting: April 21, 2016	

Action Items			
Status	Action to be taken	Responsible	Due Date
Pending	ICCMS Implementation in the College	Kolker/Guzman-Armstrong	
Pending	<ul style="list-style-type: none"> • Patient Ingress & Treatment Planning • Address the Endo Boot Camp Concern • Prerequisite Basic Science Question 	Garcia	

Curriculum Committee (2015-2016):

DC Holmes, Chair
Dan Caplan
Marsha Cunningham-Ford
Darren Hoffman
Terry J. Lindquist
Natalia Restrepo-Kennedy
Cheryl L. Straub-Morarend

Fabricio Teixeira
Paula L. Weistroffer
D1 – Kyle Nicholson
D2 – Brandon Turley
D3 – Josh Hindman
D4 – Brad Albertson

Ex Officio:

Lily T. Garcia, Associate Dean for Education
Ms. Michelle Krupp, Director, Education Development
Tad Mabry, Chair, Clerkship Directors
Galen B. Schneider, Executive Associate Dean
Catherine M. Solow, Associate Dean for Students
Sherry R. Timmons, Chair, CAPP Committee

Curriculum Committee Minutes – March 25, 2016

Members Presents: Drs. DC Holmes (Chair), Dan Caplan, Darren Hoffman, Terry Lindquist, Cheryl Straub-Morarend, Fabricio Teixeira, Lily Garcia, Ms. Marsha Cunningham-Ford, Ms. Michelle Krupp, Kyle Nicholson –D1, Brandon Turley – D2, Josh Hindman – D3, Brad Albertson – D4.

Guest: Dean Johnsen

Absent: Drs. Natalia Restrepo-Kennedy, Paula Weistroffer, Tad Mabry, Galen Schneider, Sherry Timmons, & Ms. Cathy Solow.

Meeting called to order 12:04 p.m.

- I. Approval of March 4, 2016 Minutes – approved as written.
- II. Office for Education – Ms. Krupp/Dr. Garcia
 - Ms. Krupp briefly summarized the AEFIS (new mapping, syllabus, evaluation system) presentation that occurred at the last committee meeting.
 - Dr. Garcia & Ms. Krupp explained ‘Education Upgrade’ that will entail the transition to Canvas, the new competencies and the AEFIS programs listed above. The rollout plan for these updates will start with faculty and departmental informational meetings. Implementation and specific timelines will be determined for the transition and various faculty development workshops will be offered/required for course directors to ensure a smooth transition.
 - The syllabus template/database in AEFIS will drive the mapping system and allow for curricular gap analysis. It is the intent of the Office for Education to minimize faculty time, so current syllabus input will be done for each course by a hired individual and mapping to the CODA standards will be done by Drs. Garcia & Michelle Krupp.
 - CODA Site visit will occur September 18-20, 2018. Please mark your calendars. The Dean will mandate that all faculty be on campus and available during these dates.
 - CODA Steering Committee was named and has begun meeting. Members include: Drs. Lily Garcia, DC Holmes, Sherry Timmons, Bruce Justman, Dean Cathy Solow and Ms. Michelle Krupp.
- III. Departmental Curriculum Review: Endodontics – Work Group
 - Dr. Garcia explained the importance and benefits of peers’ review of other departmental curriculum. To that end, a work group was assigned to review Endodontics that includes Drs. Natalia Restrepo-Kennedy & Terry Lindquist, and Brad Albertson – D4. All committee members will be asked at some point to be reviewers for other department reviews.
- IV. Iowa COD Competencies: Assignment – Committee
 - Drs. Garcia & Holmes and Ms. Krupp asked each member to review the new Iowa Collegiate Domains & Competencies for completeness. They encouraged members to take a birds-eye view and identify any competencies that should or should not be included in the context of what we want our students to ‘look like’ and be able to do upon graduation.

ACTION ITEM: Each committee member asked to review in detail the documents and provide comments and be prepared to discuss at next meeting. MK will send electronic version to committee.

- V. NDBE results – Current results & implication – Drs. Garcia/Hoffman
- Dr. Garcia presented composite results of Iowa students that included d-Values by discipline. A discussion regarding what should we do with this information followed. It was determined that the data presented was unclear as to what defines a cohort (could be students from 2 different classes with students taking the exam in Dec or Jan). What the metric actually represents was also discussed and determined that the data is unclear and not well defined. There was a general consensus that the data is not alarming enough to take specific action but we should keep an eye out for any future trends.
- VI. Round Table Comments – Committee
- Dean Johnson encouraged D4 students to contribute their experiences during the most recent clinical licensure examination process, when solicited.
 - The transition to Canvas within ICON will occur this summer for the College of Dentistry. The Office for Education will get more information regarding specific transition dates, test development sites, and how to handle those courses already in progress from the spring into summer for the next meeting.

Next Meeting: April 28, 2016

Minutes recorded: Ms. Michelle M. Krupp

IOWA Domains	IOWA Competencies <i>Graduates must be competent to:</i>
Critical Thinking	1.1 Evaluate and integrate emerging trends in health care as appropriate. 1.2 Utilize critical thinking and problem-solving skills. 1.3 Evaluate and integrate best research outcomes with clinical expertise and patient values for evidence-based practice.
Professionalism	2.1 Apply ethical and legal standards in the provision of dental care. 2.2 Practice within one's scope of competence, and consult with or refer to professional colleagues when indicated.
Communication & Interpersonal Skills	3.1 Apply appropriate interpersonal and communication skills. 3.2 Apply psychosocial and behavioral principles in patient-centered health care. 3.3 Communicate effectively with individuals from diverse populations.
Health Promotion	4.1 Provide prevention, intervention, and educational strategies. 4.2 Participate with dental team members and other healthcare professionals in the management and health promotion for all patients. 4.3 Recognize and appreciate the need to contribute to the improvement of oral health beyond those served in traditional practice settings.
Practice Management & Informatics	5.1 Evaluate and apply contemporary and emerging information including clinical and practice management technology resources. 5.2 Evaluate and manage current models of oral health care management and delivery. 5.3 Apply principles of risk management including informed consent and appropriate record keeping in patient care. 5.4 Demonstrate effective business, financial management, and human resource skills. 5.5 Apply quality assurance, assessment and improvement concepts. 5.6 Comply with local, state, and federal regulations including OSHA and HIPAA. 5.7 Develop a catastrophe preparedness plan for the dental practice.
Patient Care Assessment, Diagnosis & Treatment Planning	6.1 Manage the oral health care of the infant, child, adolescent, and adult as well as the unique needs of women, geriatric and special needs patients. 6.2 Prevent, identify, and manage trauma, oral diseases and other disorders. 6.3 Select, obtain, and interpret patient/medical data, including a thorough intra/extra oral examination, and use these findings to accurately assess and manage all patients. 6.4 Select, obtain, and interpret diagnostic images for the individual patient. 6.5 Recognize the manifestations of systemic disease and how the disease and its management may affect the delivery of dental care. 6.6 Formulate a comprehensive diagnosis, treatment, and/or referral plan for the management of patients.
Patient Care Establishment and Maintenance or Oral Health	6.7 Utilize universal infection control guidelines for all clinical procedures. 6.8 Prevent diagnose and manage pain and anxiety in the dental patient. 6.9 Prevent, diagnose, and manage temporomandibular disorders. 6.10 Prevent, diagnose, and manage periodontal diseases. 6.11 Develop and implement strategies for the clinical assessment and management of caries. 6.12 Manage restorative procedures that preserve tooth structure, replace missing or defective tooth structure, maintain function, are esthetic, and promote soft and hard tissue health. 6.13 Diagnose and manage developmental or acquired occlusal abnormalities. 6.14 Manage the replacement of teeth for the partially or completely edentulous patient. 6.15 Diagnose, identify and manage pulpal and periradicular diseases. 6.16 Diagnose and manage oral surgical treatment needs. 6.17 Prevent, recognize, and manage medical and dental emergencies. 6.18 Recognize and manage patient abuse and/or neglect. 6.19 Recognize and manage substance abuse. 6.20 Evaluate outcomes of comprehensive dental care. 6.21 Diagnose, identify, and manage oral mucosal and osseous diseases.

Iowa Collegiate COMPETENCIES & DOMAINS

IOWA Domains	IOWA Competencies Competencies in Bold.
Critical Thinking <i>Graduates must be competent to:</i>	1.1 Evaluate and integrate emerging trends in health care as appropriate. <i>Trends in healthcare, Health care policy, Economic principles of health care delivery, Health care organization and delivery models, Quality assessment and quality assurance, Demographics of the oral health care workforce, Interprofessional health care relationships, Relationship of systemic health to oral health and disease, Impact of political and social climate on health care delivery, Critical evaluation of health care literature</i>
	1.2 Utilize critical thinking and problem-solving skills. <i>Application of scientific method to clinical problem-solving, Evidence-based delivery or oral health care, Clinical reasoning skills, Diagnostic skills, Treatment planning, Self-Assessment, Reading comprehension, Verbal and written communication skills, Computer literacy</i>
	1.3 Evaluate and integrate best research outcomes with clinical expertise and patient values for evidence-based practice. <i>Application of scientific method to clinical problem-solving, Evidence-based delivery of oral health care, Critical thinking and problem-solving skills, Cultural competence, Communication skills, verbal and written, Reading comprehension, Ethics, Statistics literacy, Computer literacy, Epidemiological methods</i>
Professionalism <i>Graduates must be competent to:</i>	2.1 Apply ethical and legal standards in the provision of dental care. <i>Ethical decision making and conflicting obligations, Legal and regulatory principles and standards</i>
	2.2 Practice within one's scope of competence, and consult with or refer to professional colleagues when indicated. <i>Self-assessment of competence, Standards of care, Communication skills, both orally and in writing, with patients, patient's families, colleagues, and others with whom other health care providers must exchange information in carrying out their responsibilities; Scope of practice of dental and medical specialties and social support services, Identification of community resources for referrals</i>
Communication & Interpersonal Skills <i>Graduates must be competent to:</i>	3.1 Apply appropriate interpersonal and communication skills. <i>Communication theory and skills (interpersonal communication principles, verbal & nonverbal principles conflict resolution, reflective listening), Collaborative teamwork, Emotional & behavioral development & sensitivity, Physiological and psychological indications of anxiety & fear, Addressing patient concerns/issues/problems, Behavior modification & motivation techniques, Special needs/diversity of patients, Health literacy, Language barriers, Cognitive barriers</i>

	3.2 Apply psychosocial and behavioral principles in patient-centered health care. <i>Counseling skills and motivational interviewing principles, Social & behavioral applied sciences, Behavior modification, Fear & anxiety management, Pain management (acute & chronic pain), Geriatrics, Special patient needs, Cultural competence</i>
	3.3 Communicate effectively with individuals from diverse populations. <i>Influence of culture on health and illness behaviors, Culture related to oral health, Complementary and alternative therapies, Communication with patients in a culturally sensitive manner, Communication in overcoming language barriers, Communication with special needs patients, Communication skills to address diversity-related conflict</i>
Health Promotion <i>Graduates must be competent to:</i>	4.1 Provide prevention, intervention, and educational strategies. <i>Patient and family communication, Education of patient and/or family, Risk assessment, Prevention strategies (intervention, motivation, nutrition); Clinical evaluation</i>
	4.2 Participate with dental team members and other healthcare professionals in the management and health promotion for all patients. <i>Various practice settings (community setting), Organizational behavior of team, Professional communication, Collaborative and leadership skills, Interprofessional education</i>
	4.3 Recognize and appreciate the need to contribute to the improvement of oral health beyond those served in traditional practice settings. <i>Cultural competence, Alternative oral health delivery systems, Barriers to improving oral health, Global health, Population trends, National and international health goals</i>
Practice Management & Informatics <i>Graduates must be competent to:</i>	5.1 Evaluate and apply contemporary and emerging information including clinical and practice management technology resources. <i>Data analysis for disease trends, basic understanding of computer software, Basic computer utilization skills, Evidence-based literature on practice management, Models of dental practice and types of delivery systems, Application of contemporary electronic information systems, Computer systems for practice management</i>
	5.2 Evaluate and manage current models of oral health care management and delivery. <i>Business models of dental practice, Effects of governmental health policy decisions, Workforce models, Auxiliary utilization principles, Application of contemporary clinical information systems</i>
	5.3 Apply principles of risk management including informed consent and appropriate record keeping in patient care. <i>Principles of record keeping/documentation, Concepts of professional liability, Risk management protocols, Legal responsibilities in patient care management, Management of patient information, Quality assurance</i>
	5.4 Demonstrate effective business, financial management, and human resource skills. <i>Effective functioning of the oral health care team, Principles of business management, Employment laws and regulations, Reimbursement systems, Basic communication skills, Leadership and motivation skills, Organizational behavior</i>
	5.5 Apply quality assurance, assessment and improvement concepts. <i>Self-assessment for quality improvement, Concepts and principles of quality assurance and quality assessment, Awareness of continuous professional development, Lifelong learning</i>
	5.6 Comply with local, state, and federal regulations including OSHA and HIPAA. <i>Elements of applicable local, state, and federal regulations; Methods of effective application and pursuance of local, state, and federal regulations</i>

	<p>5.7 Develop a catastrophe preparedness plan for the dental practice. <i>Emergency response planning, Emergency evacuation planning, Preparedness measures and emergency response skills</i></p>
<p>Patient Care Assessment, Diagnosis & Treatment Planning <i>Graduates must be competent to:</i></p>	<p>6.1 Manage the oral health care of the infant, child, adolescent, and adult as well as the unique needs of women, geriatric and special needs patients.<i>Human development (structure & function), Pathophysiology of oral and systemic disease, Patient and social/family assessment, Communication, History taking, Exam techniques, Diagnostic tests and evaluation, Diagnosis, Risk assessment, Treatment planning, Implementation, Outcomes assessment</i></p>
	<p>6.2 Prevent, identify, and manage trauma, oral diseases and other disorders. <i>Epidemiology of trauma, oral diseases & other disorders; Patient motivation/education for prevention, Preventing principles and therapies, Patient assessment and treatment planning, Risk analysis, Lab findings, Systemic conditions, Diagnostic skills, Pharmacology and patient medications, Clinical evaluation, Applied biomedical sciences related to trauma, oral diseases, and other disorders</i></p>
	<p>6.3 Select, obtain, and interpret patient/medical data, including a thorough intra/extra oral examination, and use these findings to accurately assess and manage all patients. <i>History acquisition and interpretation, Pharmacotherapeutics, Clinical evaluation, Medical and dental referrals, Diagnostic test interpretation, Risk assessment, Assessment and management of patient behaviors, Assessment and management of patient social context</i></p>
	<p>6.4 Select, obtain, and interpret diagnostic images for the individual patient. <i>Diagnostic imaging modalities, Interpret forms of imaging used in dental practice, Differential diagnosis, Imaging safety protocols, Imaging technologies and techniques</i></p>
	<p>6.5 Recognize the manifestations of systemic disease and how the disease and its management may affect the delivery of dental care. <i>Systemic manifestations of oral disease, Systemic medical conditions that affect oral health and treatment, Oral conditions that affect systemic health</i></p>
	<p>6.6 Formulate a comprehensive diagnosis, treatment, and/or referral plan for the management of patients. <i>Clinical evaluation, Diagnostic skills and techniques, Risk assessment & analysis, Patient assessment, Sequencing of treatment, Critical thinking & analysis, Evidence-based healthcare, Treatment presentation, communication & considerations; Treatment alternatives & financial considerations, Self-assessment of clinical competence & limitations, Referrals, Case management</i></p>
<p>Patient Care Establishment and Maintenance of Oral Health <i>Graduates must be competent to:</i></p> <p>*Competency 6.1 serves as an umbrella competency for all competencies (6.7-6.21) under Establishment and Maintenance of Oral Health.</p>	<p>6.7 Utilize universal infection control guidelines for all clinical procedures.<i>State/federal regulatory guidelines, Universal in infection control protocols, Applied biomedical sciences related to transmission of disease</i></p>
	<p>6.8 Prevent diagnose and manage pain and anxiety in the dental patient. <i>Psychological & social manifestations of pain, Pathophysiology of pain, Pharmacotherapeutic management of pain and anxiety, Behavioral management of pain & anxiety</i></p>
	<p>6.9 Prevent, diagnose, and manage temporomandibular disorders. <i>Epidemiology of temporomandibular disorders; Physical, psychological, & social factors; Multidisciplinary approaches, Outcomes assessment, Applied biomedical sciences related to temporomandibular health and disorders</i></p>
	<p>6.10 Prevent, diagnose, and manage periodontal diseases. <i>Epidemiology of periodontal disease, Pharmacologic management, Behavioral modification, Nonsurgical management, Surgical management, Applied biomedical sciences related to the periodontium and periodontal diseases</i></p>

	<p>6.11 Develop and implement strategies for the clinical assessment and management of caries. <i>Caries risk factors and assessment, Pharmacotherapeutic management, Mechanical management, Behavioral modification, Applied biomedical sciences related to dental hard tissues, disease transmission & caries</i></p>
	<p>6.12 Manage restorative procedures that preserve tooth structure, replace missing or defective tooth structure, maintain function, are esthetic, and promote soft and hard tissue health. <i>Biomechanical concepts, Principles of biomaterial sciences, Behavioral modification, Applied biomedical sciences related to soft and hard tissues</i></p>
	<p>6.13 Diagnose and manage developmental or acquired occlusal abnormalities. <i>Principles of biomaterial sciences, Multidisciplinary approaches, Behavioral modification, Applied biomedical sciences related to health and pathology of dental hard tissues</i></p>
	<p>6.14 Manage the replacement of teeth for the partially or completely edentulous patient. <i>Principles of biomaterial sciences, Multidisciplinary approaches, Behavioral modification, Principles of biomechanics, Applied biomedical sciences related to oral tissues</i></p>
	<p>6.15 Diagnose, identify and manage pulpal and periradicular diseases. <i>Epidemiology of pulpal and periradicular disease, Principles of endodontic therapy, Applied biomedical sciences related to the pulpal and periradicular tissues and associated diseases</i></p>
	<p>6.16 Diagnose and manage oral surgical treatment needs. <i>Multidisciplinary approaches, Behavioral modification, Principles of biomaterials, Applied biomedical sciences related to oral surgery</i></p>
	<p>6.17 Prevent, recognize, and manage medical and dental emergencies. <i>Emergency protocol, Pharmacotherapeutics, Multidisciplinary approaches, Non-pharmacologic approaches, Applied biomedical sciences related to emergency care</i></p>
	<p>6.18 Recognize and manage patient abuse and/or neglect. <i>Signs & symptoms of abuse and/or neglect, Cultural awareness, Behavioral modification, Multidisciplinary approaches, Ethical/legal principles and responsibilities</i></p>
	<p>6.19 Recognize and manage substance abuse. <i>Signs & symptoms of abuse and/or neglect, Cultural awareness, Behavioral modification, Multidisciplinary approaches, Ethical/legal principles & responsibilities</i></p>
	<p>6.20 Evaluate outcomes of comprehensive dental care. <i>Criteria for evaluation, Evaluation methods, Mechanisms for continuous quality improvement</i></p>
	<p>6.21 Diagnose, identify, and manage oral mucosal and osseous diseases. <i>Epidemiology of oral soft tissue and osseous diseases, Multidisciplinary approaches, Pharmacotherapeutic management, Nonsurgical management, Surgical management, Applied biomedical sciences related to the health & pathology of oral soft tissue & osseous tissues, Screening & risk assessment for oral, head & neck cancer</i></p>