1) GENERAL INFORMATION

Director: Dr. Kim T. Mai                      Starting Year / Semester: 2017/Fall
Minor Unit: Clinical Sciences               Credit Hours: 3
Designation: Advanced Dental Education     Type: REQUIRED
Day and Time: Mondays 8am-9am

2) LEARNING RESOURCES

3) PARTICIPATING FACULTY

Dr. Heinrich
Dr. Mai

4) OBJECTIVES AND OUTCOMES

This is the third of three seminars that utilize a case-based, integrative approach to prepare orthodontic residents for professional practice. A vertical curricular design is used throughout this series with faculty initially facilitating and modeling the majority of the diagnostic and treatment planning activities. The design of this seminar provides the resident with guidance as they learn to organize and synthesize orthodontic knowledge. The emphasis of this course is orthodontic examination, diagnosis, treatment planning and treatment. The course is offered in a combination of seminar and lectures. More advanced information is presented and discussed concerning:

- Treatment planning theory
- Sequencing of treatment
- Cephalometric data and analysis
- Treatment process evaluation
- Treatment alternatives
- Advanced Biomechanics

The faculty provides expert opinion and challenges the residents on their treatment selections and conclusions. Additionally, current treatment controversies and applications may be discussed and evaluated.

After completion of this course, residents will be able to perform the following tasks at an increasingly competent level:

- Analyze patient data
- Review current and classic literature
- Develop an orthodontic diagnosis
- Apply the principles of evidence – based practice to their cases
- Treatment plan a patient
- Present an orthodontic case following a prescribed format
5) PURPOSE

This course addresses the following CODA Advanced Specialty Education Program in Orthodontics and Dentofacial Orthopedics standards:

55. Is a graduate of an advanced specialty education program in orthodontics proficient to: (4-2)
   a) Develop treatment plans and diagnoses based on information about normal and abnormal growth and development?
   b) Include knowledge of anatomy and histology in planning and carrying out treatment? and (4-2)
   c) Apply knowledge about the diagnosis, prevention and treatment of pathology of oral tissues? (4-2)

56. Is orthodontic treatment evidence-based? (EBD is an approach to oral health care that requires the judicious integration of systematic assessments of clinically relevant scientific evidence, relating to the patient’s oral and medical condition and history, with the dentist’s clinical expertise and the patients treatment needs and preferences.) (Adopted by the American Association of Orthodontics House of Delegates 05/24/2005) (4-3.1)

59. Is a graduate of an advanced specialty education program in orthodontics proficient to:
   j) Obtain and create long term files of quality images of patients using techniques of photography, radiology and cephalometrics, including computer techniques when appropriate? (4-3.3j)
   l) Develop and maintain a system of long-term treatment records as a foundation for understanding and planning treatment and retention procedures? (4-3.3l)

5) EVALUATION METHODS OVERVIEW

50% Quizzes and Final Examination
40% Individual Presentations
10% Attendance and Professionalism

ATTENDANCE IS MANDATORY FOR ALL SESSIONS

For each missed class/lab you will lose 20% of your professionalism grade.

Residents must successfully complete and pass all assignments by the appropriate time as designated by the course director in order to receive a passing grade for the course.

Grades will be determined by participation in seminars, quality of presentations, and performance on a final examination.
Assigned grades will be based upon the UNLV’s standard grading policy. A grade of “B” or higher is required to pass the course. Remediation is at the discretion of the course director on an individual basis.

EXAMPLE: Grading scale:

- A = 90 – 100
- B = 80 - 89.9
- F = Below 70

7) INSTRUCTIONAL SESSIONS

Each session will be 1 hour in length. Please consult your email regularly for any course announcements.

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<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>ADDITIONAL ARTICLES</th>
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<tbody>
<tr>
<td>8/28/17</td>
<td>1. Andrews Diagnosis and Treatment</td>
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<td>9/11/17</td>
<td>2. DeClerck rationale and execution</td>
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<td>9/18/17</td>
<td>3. Canine substitute protocol</td>
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<td>9/25/17</td>
<td>4. Severe ectopic canine being successfully brought into arch</td>
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<td>10/2/17</td>
<td>5. Impacted second molar treatment</td>
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<td>10/9/17</td>
<td>6. Crossbow/Forsus protocol</td>
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<td>10/16/17</td>
<td>7. A fixed, yet cleanable anterior bite plane (JCO published article I wrote)</td>
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<td>10/23/17</td>
<td>8. Historical perspective of TAD use in orthodontics</td>
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<td>10/30/17</td>
<td>9. Use of TADs in an extreme anchorage case making effective Tx possible</td>
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<td>11/6/17</td>
<td>10. TAD use to hold anteriors dentition stable while advancing the max and mand posterior dentitions</td>
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<td>11/13/17</td>
<td>11. Treatment of multiple hyperdivergent patients intrusion of the entire maxillary dentition and mandibular dentition using miniplates--published work by Dr. Devincenso</td>
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<td>11/20/17</td>
<td>12. Treatment of gummy smile patients using similar mechanics only using TADs</td>
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<tr>
<td>11/27/17</td>
<td>13. Extrusion of maxillary dentition to display more of max. incisors in the smile- using TADs</td>
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<tr>
<td>12/11/17</td>
<td>15. FINAL</td>
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8) POLICY AND PROCEDURES

Remediation: Residents failing any academic coursework will be awarded an “F” grade, and will be referred to the course director for remediation. Residents must formally complete a remediation for any course in which they receive an “F” grade. The resident will meet with the course director to develop a remediation plan. The remediation activities are at the discretion of the course director and may consist of a comprehensive examination with emphasis on those areas in which the resident failed to achieve a grade of “B” or better, or repeating the course in its entirety. Faculty may be available to assist residents preparing for this examination, but the responsibility for learning the material resides with the resident. The remedial activity will include no formal instruction. The time and place of the remediation examination will be arranged individually. Please note that if the course director determines that the resident failed the coursework to such an extent that remedial activities would be inadequate to attain an acceptable level of academic achievement in the course material, the course director can recommend that the resident repeat the course as the remedial activity.

The passing grade in the remediation program is a “B”; however, any grade may be obtained by repeating the entire course for credit. Both the original and the new grade will appear on the official transcript. Both the original and the new grade will be used to compute the resident’s grade for that course. The recomputed grade will be used to compute the resident’s GPA. Residents failing to satisfactorily complete the remediation program will again be given a failing “F” grade, referred to the Program Director and automatically placed on academic probation. Residents with a second failing grade in a course will be required to repeat the entire course. Re-enrollment will be as soon as deemed feasible by the course director utilizing the guidelines of the Program Director. Residents failing to satisfactorily complete a course at the second offering will be referred to the Program Director for further evaluation and action.

For general course policies see the UNLV School of Dental Medicine Resident Handbook.

ATTENDANCE IS MANDATORY FOR ALL SESSIONS
For each missed class/lab you will lose 20% of your professionalism grade

9) DISABILITY RESOURCE CENTER

The Disability Resource Center (DRC) coordinates all academic accommodations for residents with documented disabilities. The DRC is the official office to review and house disability documentation for residents, and to provide them with an official Academic Accommodation Plan to present to the faculty if an accommodation is warranted. The DRC strongly encourages faculty to provide accommodations only if and when they are in receipt of said plan. Faculty should not provide residents accommodations without being in receipt of this plan.

UNLV complies with the provisions set forth in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, offering reasonable accommodations to qualified residents with documented disabilities. If you have a documented disability that may require accommodations, you will need to contact the DRC for the coordination of services. The DRC is located in the Resident Services Complex (SSC), Room 137, and the contact numbers are: VOICE (702) 895-0866, TTY (702) 895-0652, FAX (702) 895-0651. For additional information, please visit: <http://residentslife.unlv.edu/disability/>.
For additional information about the DRC and procedures to follow when residents ask for exemptions or exceptions based on their disability claim, refer them to the DRC website. For all faculty and staff (professional and classified) ADA accommodation determinations, please contact Marc Cardinalli, Assistant General Counsel and Administrative Code Officer, Flora Dungan Humanities Building (FDH), Room 320, 895-1879.

In addition, you will need to inform the School of Dental Medicine Office of Resident Affairs of any determination made by the DRC DS. Additional information about DS can be found on the DS website at http://www.unlv.edu/residentlife/les.

10) COPYRIGHT AND FAIR USE REQUIREMENTS:

The University requires all members of the University Community to familiarize themselves with and to follow copyright and fair use requirements. YOUR ARE INDIVIDUALLY AND SOLELY RESPONSIBLE FOR VIOLATIONS OF COPYRIGHT AND FAIR USE LAWS. THE UNIVERSITY WILL NEITHER PROTECT NOR DEFEND YOU NOR ASSUME ANY RESPONSIBILITY FOR EMPLOYEE OF RESIDENT VIOLATIONS OF FAIR USE LAWS. Violations of copyright laws could subject you to federal and state penalties and criminal liability as well as disciplinary action under University policies. To familiarize yourself with copyright and fair use policies, the University encourages you to visit its website at: http://www.unlv.edu/committees/copyright/.

The information provided to you in this course in the form of handouts, outlines, synopses, PowerPoint presentations, tests, etc. are the intellectual property of the individual faculty. These materials are provided for resident use only within the domain of the UNLV School of Dental Medicine. Use of this material by residents outside the University setting or distribution of this material to anyone not affiliated with the UNLV SDM constitutes a copyright violation.

11) OBSERVANCE OF RELIGIOUS HOLIDAYS

As a general rule, a resident missing a class or laboratory assignment because of observance of a religious holiday shall have the opportunity to make up missed work. Residents must notify the course director of anticipated absences by the last day of late registration to be assured of this opportunity. Faculty may give residents an additional week to complete missed work, but must set a clear deadline. Note: Resident who represents UNLV SDM at any official extracurricular activity shall also have the opportunity to make up assignments, but the resident must provide official written notification to the instructor no less than one week prior to the missed class(es).

12) FALSIFICATION OF DOCUMENTS OR OTHER INFORMATION

The UNLV Resident Conduct Code and the UNLV School of Dental Medicine prohibits the forgery and falsification of any documents or records. This includes, but is not limited to, the forging, altering, misusing, providing or causing any false information to be entered on ANY University or School of Dental Medicine PRINTED OR ELECTRONIC documents, records (including patient records), or identification cards. The falsification of data, improper assignment of authorship of school work or other scholarly activity, claiming another person’s work as one’s own, unprofessional manipulation of experiments or of research procedures, or misappropriation of research funds will not be tolerated. Commission of any act of forgery or falsification as described will result in disciplinary action and sanctions as stated in the School of Dental Medicine Honor Code.
13) ACADEMIC MISCONDUCT

Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, residents accept the exceptions of the “Resident Academic Misconduct Policy” and are encouraged when faced with choices to always take the ethical path. Residents enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV’s function as an educational institution. An example of academic misconduct is plagiarism: “Using the words or ideas of another, from the internet or any source, without proper citation of the sources.” For more information regarding the “Resident Academic Misconduct Policy” (approved December 9, 2005), go to http://residentlife.unlv.edu/judicial/misconductPolicy.html or the UNLV School of Dental Medicine Resident Handbook for more information.

14) SDMail

By policy, faculty and staff should only e-mail residents’ SDMail accounts. SDMail is UNLV SDM’s official e-mail system for residents. It is one of the primary ways residents receive official university communication. All UNLV SDM residents receive an SDMail account after admission to the UNLV SDM.

15) CLASSROOM POLICIES

It is a faculty member’s discretion and prerogative to determine what is and is not acceptable behavior in his or her classroom (i.e., late arrival, wearing hats). Also, classroom occupants are at the discretion of the instructor (per UNLV General Counsel). For more information about classroom policies, go to http://studentlife.unlv.judicial.resident.html.

16) CONSENSUAL RELATIONSHIPS

UNLV prohibits romantic or sexual relationships between members of the university community when one of the individuals involved has direct professional influence or direct authority over the other. For further information, go to http://hr.unlv.edu/Policy/consensual.html.