Curriculum Vitae

**Lacey M. Harris, DMD, MSD**

###### 1126 Rymers Switch Lane

###### Friendswood, TX 77546

###### (925) 528-9418

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**PRACTICE ADDRESS:** Ellis Moon Orthodontics

2015 E Broadway

Pearland, Texas 77581

Off (281) 485-6003

**UNIV ADDRESS:** The University of Texas School of Dentistry at Houston

7500 Cambridge St., Suite 5130

Houston, TX 77054

Off (713) 486-4119

Fax (713) 486-4123

**UNDERGRADUATE EDUCATION:**

2009 Bachelor of Science (Triple Major) in Polymer Science, Molecular Biology & Chemistry & Biochemistry, *summa cum laude* from USM Honors College

University of Southern Mississippi

Hattiesburg, MS

**GRADUATE EDUCATION:**

2013 Doctor of Dental Medicine (DMD)

Graduated with Honors in Research, *summa cum laude,* Class Rank: #1

University of Mississippi School of Dentistry

Jackson, MS

**POSTGRADUATE TRAINING:**

2015 Certificate in Orthodontics & Masters of Science in Dentistry (MSD)

Class President

UT Health Houston, School of Dentistry

Houston, TX

**ACADEMIC APPOINTMENTS:**

2015-Pres Clinical Assistant Professor

Bonham Magness Endowed Professorship

Department of Orthodontics

UTHealth Houston, School of Dentistry

Department of Orthodontics

**PRIVATE PRACTICE EXPERIENCE:**

2018-Pres Orthodontist

Ellis & Moon Orthodontics

Pearland, Texas

2018-2019 Orthodontist

McGrory Orthodontics

Pearland, Texas

2015-2018 Orthodontist

Sealy Orthodontics

Sealy, Texas

Fall 2016 Orthodontist

Forrest Orthodontics

Katy, Texas

**ADDITIONAL WORK EXPERIENCE:**

2019 Consultant

Dental Decks

2018-2019 Consultant

Digital Dental Notes

2008-Pres Freelance Consultant

Daniel & Daniel Consulting

Gardnerville, Nevada

**LICENSURE**:

2015 Texas State Board of Dental Examiners (active), Lic # 30729

**CERTIFICATION:**

2017 Invisalign Certificate

2016 Diplomate, American Board of Orthodontics

2013 NERB Certification

**PROFESSIONAL ORGANIZATIONS:**

**Local:**

2019-Pres University of Texas Orthodontic Alumni Association Board Member

2016-Pres The Orthodontic Foundation Board Member

2015-Pres University of Texas Orthodontic Alumni Association

**Regional:**

2017-Pres Texas Orthodontic Study Club

2013-Pres Southwestern Society of Orthodontists

2013-Pres Texas Association of Orthodontists

**National:**

2019-Pres American Dental Education Association

2016-Pres Diplomate of the American Board of Orthodontics

2013-Pres American Association of Orthodontists

**HONORS AND AWARDS:**

2016 Invisalign University Challenge, 1st Place Class I Category

2016 College of Diplomates of the ABO, AAO Resident Case Display, 2nd Place

2013 Wallace V. Mann, Jr. Award (Graduating Senior with Highest Academic Average)

2013 American Association of Oral Biologists Award

2013 American Association of Orthodontists Award

2013 Mississippi Association of Orthodontists – J. Julius Ratliff Award

2013 Dean’s Scholastic Achievement Award

2013 Omicron Kappa Upsilon Dental Honor Society Inductee

2013 UMMC 50th Anniversary Award

2013 Delta Dental Student Leadership Award Scholarship Recipient

2013 Quintessence Award for Research Achievement

2013 Regions Bank Scholarship Recipient

2009-2013 Lettie Pate Whitehead Scholarship Recipient

2009-2013 Hembree Honor Society Member

2009-2013 Deans Honor List

2012 Pierre Fauchard Academy Dental Scholarship Award

2012 Dr. James W. Rice and Grace Vaughan Rice Scholarship in Dentistry

2012 Robert R. Finch Oral Pathology Award

2012 Hinman Dental Scholar

2011-2012 Elected Associated Student Body Dental School Representative

2011-2012 Elected Student Research Group President

2011 Hinman Student Travel Research Award

2011 Student Rep to ADA 47th Annual Dental Students’ Conference on Research

2009-2010 Lynn Frances Johnston Memorial Book Award

2009-2010 Elsevier Publishers Physiology Award

2009 Phi Kappa Phi Honors Society Inductee

2008-2009 Fred E. and Mary G. Tatum Scholarship Recipient

2008-2009 Northrop Grumman Foundation Scholarship Recipient – Chemistry and Biochemistry

2008-2009 Beta Beta Beta Biological Honor Society Member

2008-2009 Elected President of Women in Science and Engineering Interest Group

2007-2009 Omnicron Delta Kappa Honor Society Member

2006-2009 Elected USM Honor College Honors Ambassador

2006-2009 Alpha Epsilon Delta Honor Society Member

2004-2009 Honors College Scholar

2008 Zeon Service Award

2004-2008 Mississippi Eminent Scholar

2007-2008 Elected Polymer Science Association Vice-President

2007-2008 Francis R. Conn, M.D. Scholarship Recipient

2007-2008 Northrop Grumman Foundation Scholarship Recipient – Polymer Science

2006-2007 College of Science and Technology Outstanding Junior Nominee

2005-2006 Phi Eta Sigma Honor Society Member

2004-2005 Raymond B. Seymour Outstanding Freshman

**SERVICE ON THE UNIVERSITY OF TEXAS SCHOOL OF DENTISTRY AT HOUSTON COMMITTEES:**

2018-Pres Member, UTSD CODA Standard 2 Committee

2017-Pres Member, UTSD Curriculum Committee

2015-Pres Member, Orthodontic Resident Selection Committee

2016 Member, Orthodontic Full Time Faculty Member Search Committee

2016-Pres Dental Student Faculty Advisor

**PROFESSIONAL SERVICE:**

2014 Resident Delegate, American Association of Orthodontist’s Professional

Advocacy Conference

**SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE:**

**2019** MSD Thesis Committee Member for Dr. Nathan Larson, “Mechanical stability of 3D-Printed Orthodontic Brackets.”

**2018** MSD Thesis Committee Co-Chair for Dr. Suzanna Nida, “A randomized clinical trial of two fixed functional Class II correctors.”

**2018** MSD Thesis Committee Member for Dr. Katie Camacho, “In Vitro Shear Testing of Silver Diamine Fluoride Treatment on Bond Strength.”

**2018** MSD Thesis Committee Member for Dr. Lindey Lyons, “In Vitro Shear Testing of Orthodontic Bonding to Lithium Disilicate with Assure Plus”

**2018** MSD Thesis Committee Member for Dr. Wyatt Loflin, “The effect of print layer thickness on the American Board of Orthodontics (ABO) Cast-Radiograph Evaluation (CRE) grading of 3D-printed models.”

**2017** MSD Thesis Committee Member for Dr. Sonia Henriquez, “Association of candidate

genes WNT10A, WNT10B and GREMLIN2 polymorphisms with non-syndromic tooth

agenesis.”

**2017** MSD Thesis Committee Member for Dr. Katie Bemis, “In vitro shear testing of Assure

Plus with two different restorative materials: Lava Ultimate and Lithium Disilicate.”

**2017** MSD Thesis Committee Member for Dr. Allison Piazza Batarse, “Referral patterns of pediatric dentists and general practitioners to orthodontists based on case complexity.”

**2017** MSD Thesis Committee Member for Dr. Peter Sutton, “The inherent visual perception

of laymen to determine the neutral head posture of a patient with marked facial

asymmetry in three dimensions.”

**2017** MSD Thesis Committee Member for Dr. Blake Null, “Measurement of bracket transfer accuracy of indirect bonding techniques by 3D scan.

**CURRENT TEACHING RESPONSIBILITIES:**

**Graduate Dental Courses**

**2nd Year Semester Prefix Course# Course Hours Course Name**

**A.** Fall DBPG 5017 2 Cranio. Growth &

Lecturer- 5 Lectures – Co-Director Develop.

**Under-Graduate Dental Courses**

**2nd Year Semester Prefix Course# Course Hours Course Name**

**A.** Spring DENS 2961 5 Growth & Develop.

Course Director

**3rd Year Semester Prefix Course# Course Hours Course Name**

**A.** Fall CLIN 3011 4 Ortho. Clinic

Course Director

Fall DENF 3971 5 Orthodontics

Course Director

**B.** Spring CLIN 3011 4 Ortho. Clinic

Course Director

**4th Year Semester Prefix Course# Course Hours Course Name**

**A.** Fall CLIN 4011 2 Ortho. Clinic

Course Director

**B.** Spring CLIN 4011 2 Ortho. Clinic

Course Director

**CURRENT GRANT SUPPORT:**

None

**PAST GRANT SUPPORT:**

None

PUBLICATIONS:

**A. Abstracts (\* Presenter)**

1. Borders C\*, **Harris LM**, English JD, Bussa HI, McGrory KM, Moon A, Silva R, and Akyalcin S. CBCT Evaluation of Skeletal and Dental Changes After RME Therapy. *American Association of Orthodontists Annual Meeting*. Orlando, FL, April 30, 2016.
2. Moore A, Harris C, **Harris L\***, and Pollock S. Comparison of Tooth Structure Removed with Curette and Ultrasonics. *J Dent Res*. 91(SIA): ABS #1146, 2012.
3. **Harris LM\*** and Janorkar AV. Comparison of Two and Three Dimensional Adipocyte Cultures. *Hinman Student Research Symposium* (The University of Tennessee Health Science Center College of Dentistry), October 2011.
4. **Harris LM\*** and Janorkar AV. Culture and Analysis of Two and Three Dimensional Adipocytes. ADA 47th Annual Dental Students’ Conference on Research. Gaithersburg, MD. Poster Presentation. Spring 2011.
5. **Harris LM\*** and Janorkar AV. “Culture and Analysis of Adipocytes in Two and Three Dimensional Culture Configurations”. Society for Biomaterials Annual Meeting and Exposition, Orlando, FL. Poster Presentation. Spring 2011.
6. **Harris LM\***, Heinhorst S Cannon G, and Morgan S. “Production of the ABH1 Hydrophobin Protein via Recombinant Methods.” Waterbourne Symposium, New Orleans LA. Poster Presentation. Spring 2009. 1st Place Undergraduate Presentation.
7. **Harris LM\***, Heinhorst S Cannon G, and Morgan S. “Production of the FhuA(∆1-160) deletion mutant for use in biosensor applications.” National American Chemical Society Meeting, Salt Lake City, UT. Poster Presentation. Spring 2009.
8. **Harris LM\***, Heinhorst S Cannon G, and Morgan S. “Self-Assembly and Aggregation Behavior of the Hydrophobins HypA and HypB from Agaricus bisporus.” National American Chemical Society Meeting, New Orleans, LA. Oral Presentation. Spring 2008.
9. **Harris LM\***, Heinhorst S Cannon G, and Morgan S. “Solution and surface Properties of Two Isolated Hydrophobin Proteins from Agaricus bisporus.” Case Western INSPIRE Conference for Undergraduates, Cleveland, OH. Poster Presentation. Fall 2007 2nd Place Poster Presentation
10. **Harris LM\***, Misra R, Hamilton K and Morgan S. “Solution and Thermal Properties of Optically Transparent Polyhedral Oligomeric Silsequioxane/Polystyrene Hybrid Nanocomposites.” National American Chemical Society Meeting, Chicago, IL. Poster Presentation. Spring 2007
11. **Harris LM**\*, Jones P, and Morgan S. “Nanoindentation of Poly(benzoylparaphenylene), Polycarbonate and Polyetherimide Engineering Thermoplastics.” National American Chemical Society Meeting, Atlanta, GA. Poster Presentation. Spring 2006.

**B. Refereed Original Articles in Journals**

1. Scott JD, English JD, Cozad BE, Borders CL, **Harris LM**, Moon AL, Kasper FK. “Comparison of automated grading of digital orthodontic models and hand grading of 3-dimensionally printed models.” Am J Orthod Dentofacial Orthop. 155(6):886-890, 2019.
2. Loflin WA, English J, Borders C, **Harris LM**, Moon A, Kasper FK. “Effect of print layer height on the assessment of 3D-printed models.” Manuscript submitted for publication.
3. Camacho KJ, English JD, Jacob HB, **Harris LM**, Kasper FK, Bussa HI, Quock RL. “Silver diamine fluoride and bond strength to enamel in vitro: A pilot study.” Am J Dent 31(6): 317-219, 2018.
4. Lyons LK, English JD, Ontiveros JC, Bussa HI, **Harris LM**, Laman S, Kasper FK. “In vitro shear testing of orthodontic bonding to lithium disilicate ceramic.” *J of Cosmetic Dent.* In-Press
5. Celenk-Koca T, Erdinc AE, Hazar S, **Harris LM**, English JD, Akyalcin S. “Evaluation of miniscrew-supported rapid maxillary expansion in adolescents.” *Angle Ortho*. In-Press
6. Turner PA, **Harris LM**, Purser CA, Baker RC, and Janorkar AA. “A Surface-Tethered Spheroid Model for Functional Evaluation of 3T3-L1 Adipocytes.” *Biotechnol Bioeng*. 111(1): 174-183, 2014. PMID:24038000
7. Janorkar AV, **Harris LM**, Murphey BS, and Sowell BL. “Use of Three-Dimensional Spheroids of Hepatocyte-Derived Reporter Cells to Study the Effects of Intracellular Fat Accumulation and Subsequent Cytokine Exposure.” *Biotechnol Bioeng*. 108(5): 1171-1180, 2011. PMID: 21449029

**C. Other Professional Communications**

1. **Conference, Symposia, or Table Clinics (\* Presenter)**

Harris, LM. “Closure of open bites using Invisalign.” Leaving the Stone Age: Applying 2D and 3D Tools in Orthodontic Diagnosis and Treatment. A Vision from the Department of Orthodontics at the University of Texas Health Science Center at Houston. Fall 2018.

Nida S, Gallerano Willis N\*, Kasper FK, **Harris L**, English J. “A randomized clinical trial of two fixed functional Class II correctors.” UT Health Table Clinic. Houston, Texas. Winter 2018.

**Harris, LM\***, “Invisalign University Challenge Class I First Place Presentation.” Invisalign Summit. Las Vegas, Nevada. Fall 2016

**Harris LM\***. “Cone-beam computed tomography evaluation of the morphology and resorption of premolar and molar roots in response to rapid maxillary expansion.” Graduate Orthodontic Thesis. University of Texas Health Science Center at Houston. July 2015

**Harris LM\*.** “A Comparison of Two Dimensional Monolayer and Three Dimensional Spheroid Adipocyte Cultures.” Honors in Research Thesis. University of Mississippi Medical Center. Spring 2013

**Harris LM\*** and Janorkar AV. “Culture and Analysis of Two and Three Dimensional Adipocytes.” Annual Research Day, School of Dentistry. University of Mississippi Medical Center. Jackson, MS. Poster Presentation. Winter 2011

**Harris LM\*** and Janorkar AV. “Analysis of Two and Three Dimensional Adipose Cultures.” Undergraduate and Professional Student Training in Advanced Research Techniques (UPSTART). Summer Research Presentation. University of Mississippi Medical Center Biomaterials Dept. Summer 2010.

**Harris LM\***. “The Isolation, Expression, and Characterization of the ABH1 Hydrophobin Protein from Agaricus bisporus.” *Honors Thesis*. University of Southern Mississippi Honors College. Spring 2009