

UNIVERSITY OF PENNSYLVANIA - SCHOOL OF DENTAL MEDICINE
Curriculum Vitae

Date: November 2016

Shalin R. Shah, DMD, MS

Home Address: 2 Orly Court
Princeton Junction, NJ 08550

Office Address: Center for Orthodontic Excellence
61 Princeton-Hightstown Road
Suite #1
Princeton Junction, NJ 08550
11/2011 – Present

688 Unionville Road
Suite #101
Kennett Square, PA 19348
09/2015 – Present

<u>Education:</u>	1995-99	BA	University of Pennsylvania
	1999-02		University of Pennsylvania (Post-Baccalaureate)
	2002-06	DMD	University of Pennsylvania, SDM
	2006-07	Cert	Robert Wood Johnson University Hospital (General Practice Residency)
	2007-10	Cert	University of Pennsylvania, SDM (Orthodontics)
	2007-10	MS	University of Pennsylvania, SDM (Oral Biology)

Postgraduate Training and Fellowship Appointments:

2007-09	Chief Resident, Department of Orthodontics, University of Pennsylvania, Philadelphia
2007-09	Advanced Education in Orthodontics, Roth/Williams-USA Center for Functional Occlusion, Detroit
2008	The Tweed Study Course, Charles H. Tweed International Foundation for Research, Tucson
2008	Six Elements Orthodontic Philosophy, Lawrence F. Andrews Foundation for Orthodontic Education and Research, Washington, DC
2008	SPEED Technique Course, SPEED System Orthodontics, Philadelphia

2008	iBraces Quickstart Certification Course, iBraces, Philadelphia
2008	Diagnosis and Treatment Planning for Orthognathic Surgery, Lawrence F. Andrews Foundation for Orthodontic Education and Research, White Oak
2010	Treatment Goals and Precision in Orthognathic Surgery – The Four Faces of Orthognathic Surgery, Lawrence F. Andrews Foundation for Orthodontic Education and Research, White Oak
2010	Invisalign Clear Principles, Aligntech Institute, Washington, DC
2011	Basic Training in Tops Ortho, Princeton Junction

Faculty Appointments:

2010 - Present	Clinical Associate, Department of Orthodontics, School of Dental Medicine, University of Pennsylvania
----------------	---

Hospital and Administrative Appointments:Specialty Certification:

2009	Board Certification Eligible, American Board of Orthodontics
2011	Board Certification, American Board of Orthodontics

Licensure:

New Jersey and Pennsylvania State Dental Boards

Awards, Honors and Membership in Honorary Societies:

2004	Finalist, AADR/Pfizer Hatton Award
2004	Honorable Mention, Valley Forge Dental Conference Table Clinic
2004	First Place, Vernon J. Brightman Research Society Oral Health Fair and Table Clinic
2004	Inductee, International Association of Student Clinicians American Dental Association
2004	Second Place, ADA/Dentsply Student Clinician Research Program
2005	Delegate of the Year: Region 3, American Student Dental Association
2006	Quintessence Award for Research Achievement
2006	Quintessence Award for Clinical Achievement in Restorative Dentistry
2006	First Place, Morton Amsterdam Award

2006	Drabkin Memorial Prize for Research in Biochemistry
2006	Dentsply Student Clinician Award
2006	American Student Dental Association Award of Excellence
2009	First Place, PENN Musculoskeletal Disorders Annual Scientific Symposium Poster Clinic
2010	Third Place, American Orthodontic Association's Charley Schultz Resident Scholar Program
2010	William S. Kress Award, Middle Atlantic Society of Orthodontists
2014	Excellence in Clinical Education, Department of Orthodontics, University of Pennsylvania
2016	Excellence in Didactic Education, Department of Orthodontics, University of Pennsylvania

Memberships in Professional and Scientific Societies:

National Societies:

American Student Dental Association, Member 2002-10
 Student Clinician American Dental Association, Member 2004-Present
 American Dental Association, Member 2010-Present
 American Association of Orthodontics, Member 2007-Present
 American Cleft Palate-Craniofacial Association, Member 2010-Present
 College Diplomates of the American Board of Orthodontics, Member 2010-Present

Local Societies:

American Student Dental Association, Vice-President-elect (Alternate Delegate) 2002-03
 American Student Dental Association, Vice-President (Second Delegate) 2003-04
 American Student Dental Association, President (First Delegate) 2004-05
 Mercer Dental Society, Member 2006-Present
 New Jersey Dental Association, Member 2006-Present
 Greater Philadelphia Society of Orthodontists, Member 2007-Present
 Middle Atlantic Society of Orthodontists, Member 2007-Present

International Societies:

Roth/Williams International Society of Orthodontists, Member 2009-Present
 World Federation of Orthodontists, Member 2010-

Present
Roth Study Club International, Member 2011-Present

Editorial Positions:

2010-Present Abstracts Editor, Orthodontic Practice US

Interview Committees:

2007-Present University of Pennsylvania Undergraduate Alumni
Interviewer (Central New Jersey and Virtual Interview
Committee)

Advisory Board Positions:

2012-Present Key Opinion Leader, Dentsply GAC
2015 Advisor, Treloar & Heisel, Inc. PACE Advisory Committee

Professional Philanthropy:

June 1, 2013 MOM-N-PA Volunteer - Temple Liacouris Center,
Philadelphia
February 7, 2014 Give Kids A Smile – Middlesex County College, Edison

Major Teaching and Clinical Responsibilities at the University of Pennsylvania and Affiliated Hospitals:

July 31, 2008	“Clinical Crash Course” – University of Pennsylvania, School of Dental Medicine, Pennsylvania (2 hrs)
March 24, 2009	“Orthognathic Surgery” – Hospital of University of Pennsylvania, Pennsylvania (1 hr)
July 27, 2009	“Orthodontics” – Summer Mentorship Program, University of Pennsylvania, School of Dental Medicine, Pennsylvania (2 hrs)
July 28, 2009	“Clinical Crash Course” – University of Pennsylvania, School of Dental Medicine, Pennsylvania (3 hrs)
November 17, 2009	“Dentitional Development”, University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
April 20, 2010	“Interdisciplinary Treatment Planning”, University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)

April 21, 2010	“Dentitional Development and Space Analysis”, University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
May 20, 2010	“Hawley Bite Plane Appliance and Molar Uprighting,” University of Pennsylvania, Pennsylvania (1.5 hrs)
August 10, 2010	“Clinical Crash Course” – University of Pennsylvania, School of Dental Medicine, Pennsylvania (3 hrs)
August 10, 2010	“Visual Treatment Objectives,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (3 hrs)
September 23 - April 7, 2011	Preventive and Interceptive Orthodontics, University of Pennsylvania, School of Dental Medicine, Pennsylvania (3.5 hrs/session)
December 16, 2010	“Job Search Essentials,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
January 27, 2011 - Present	Clinic floor with Residents, University of Pennsylvania, School of Dental Medicine, Pennsylvania (3 hrs/session)
April 21, 2010	“Space Analysis,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
July 21, 2011	“Diagnostic Records and Clinical Crash Course” University of Pennsylvania, School of Dental Medicine, Pennsylvania (4 hrs)
September 7, 2011	“Growth and Development” University of Pennsylvania, School of Dental Medicine, Pennsylvania (2 hrs)
September 22 - April 5, 2012	Preventive and Interceptive Orthodontics, University of Pennsylvania, School of Dental Medicine, Pennsylvania (3.5 hrs/session)
April 5, 2012	“Starting A Practice” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
May 5, 2012	“Space Analysis,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
May 17, 2012	“Landing Your Dream Job,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
June 12, 2012	“Diagnostic Orthodontic Records,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (7 hrs)
August 23, 2012	“Landing Your Dream Job,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
September 20 - April 4, 2013	Preventive and Interceptive Orthodontics, University of Pennsylvania, School of Dental Medicine, Pennsylvania (3.5 hrs/session)
October 18, 2012	“Facebow and CR Bites (Hands-On) Part 1/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
November 1, 2012	“Facebow and CR Bites (Hands-On) Part 2/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)

December 13, 2012	“Starting A Practice and Landing Your Dream Job,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
January 24, 2013	“Occlusal Appliances,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
February 7, 2013	“Fabrication of Maxillary Superior Repositioning Splints Part 1/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
March 21, 2013	“Fabrication of Maxillary Superior Repositioning Splints Part 2/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
April 4, 2013	“Fabrication of Maxillary Superior Repositioning Splints Part 3/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
April 18, 2013	“Space Analysis,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
May 16, 2013	“Fabrication of Maxillary Superior Repositioning Splints Part 4/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
June 13, 2013	“Transverse Analysis and Expansion Protocols,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
August 8, 2013	“Landing Your Dream Job,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
August 8, 2013	“Diagnostic Orthodontic Records: Part 1/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (4 hrs)
August 22, 2013	“Diagnostic Orthodontic Records: Part 2/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (3 hrs)
September 5, 2013	“Centric Relation Bite and Facebow: Hands-on Techniques ,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
September 19 - April 17, 2014	Preventive and Interceptive Orthodontics, University of Pennsylvania, School of Dental Medicine, Pennsylvania (3.5 hrs/session)
October 3, 2013	“Occlusal Appliances: Part 1/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
November 14, 2013	“Landing Your Dream Job: P 1/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (2 hrs)
December 12, 2013	“Starting A Practice and Landing Your Dream Job,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
December 12, 2013	“Occlusal Appliances: Part 2/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)

January 9, 2014	“Fabrication of Maxillary Superior Repositioning Splints Part 1/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
January 23, 2014	“Landing Your Dream Job: P 2/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
February 6, 2014	“Fabrication of Maxillary Superior Repositioning Splints Part 2/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
February 20, 2014	“Interviewing 101,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (2 hrs)
March 20, 2014	“Fabrication of Maxillary Superior Repositioning Splints Part 3/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
April 17, 2014	“Space Analysis,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
April 17, 2014	“Negotiations 101” & “Starting a Practice: P 1/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
May 15, 2014	“Hawley Bite Plane and Molar Uprighting” (1.5 hrs)
May 15, 2014	“Fabrication of Maxillary Superior Repositioning Splints Part 4/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
July 24, 2014	“Diagnostic Orthodontic Records: Part 1/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (4 hrs)
August 7, 2014	“Diagnostic Orthodontic Records: Part 2/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (3 hrs)
August 7, 2014	“Centric Relation Bite and Facebow: Hands-on Techniques ,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
September 4, 2014	“Occlusal Appliances: Part 1/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
September 18, 2014	“Landing Your Dream Job P 1/3,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
September 19 - April 17, 2015	Preventive and Interceptive Orthodontics, University of Pennsylvania, School of Dental Medicine, Pennsylvania (3.5 hrs/session)
October 2, 2014	“Occlusal Appliances: Part 2/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
October 16, 2014	“Landing Your Dream Job P 2/3,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)

October 30, 2014	“Interviewing 101,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
November 13, 2014	“Fabrication of Maxillary Superior Repositioning Splints Part 1/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
November 17, 2014	“Pathway to a Successful Startup Practice” (1.5 hrs)
December 11, 2014	“Starting A Practice and Landing Your Dream Job,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)
December 11, 2014	“Natural Head Position and Visual Treatment Objectives using Dolphin Imaging System” (1.5 hrs)
January 8, 2015	“Fabrication of Maxillary Superior Repositioning Splints Lecture,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
January 22, 2015	“Interviewing 101,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
February 26, 2015	“Fabrication of Maxillary Superior Repositioning Splints Part 2/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
March 5, 2015	“Fabrication of Maxillary Superior Repositioning Splints Part 3/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
April 2, 2015	“Fabrication of Maxillary Superior Repositioning Splints Part 4/4,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
April 16, 2015	“Space Analysis,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
May 7, 2015	“TMD Diagnosis and Treatment with Superior Repositioning Splints P 1/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
June 11, 2015	“TMD Diagnosis and Treatment with Superior Repositioning Splints P 2/2,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
September 17 – April 28, 2016	Preventive and Interceptive Orthodontics, University of Pennsylvania, School of Dental Medicine, Pennsylvania (3.5 hrs/session)
September 17, 2015	“Landing Your Dream Job P 1/3,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
October 29, 2015	“Landing Your Dream Job P 2/3,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
November 12, 2015	“Landing Your Dream Job P 3/3” and “Interviewing 101,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
December 3, 2015	“DADE: Starting A Practice and Landing Your Dream Job,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)

January 21, 2016	“Starting a Practice and Building Your Vision P 1/3,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
February 18, 2016	“Starting a Practice and Building Your Vision P 2/3,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
April 14, 2016	“Starting a Practice and Building Your Vision P 3/3,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
May 12, 2016	“PASS: Dentitional Development and Space Analysis,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1 hr)
May 26, 2016	“Succeeding as an Associate,” University of Pennsylvania, School of Dental Medicine, Pennsylvania (1.5 hrs)

Lectures by Invitation:

March 19, 2010	“Type 3 Collagen-Deficient Mice Exhibit Altered Craniofacial and Skeletal Development,” American Cleft Palate-Craniofacial Association, Texas
February 28 – March 4, 2011	“The Hinge Axis Technique,” “Indirect Bonding,” and “Hinge Axis Case Presentation,” Roth-Williams Program, Ho Chi Minh, Vietnam
April 7, 2011	“Case Presentation” and “Biological Sensitivity of the TMJ,” CCO, Philadelphia
May 18, 2011	“Condylar Head Changes: From Molecule to Man,” Roth Study Club International, Chicago
August 16, 2011	“Protocols for eMailing X-rays, Copy/Cut/Paste Functions, Printing, and Sandblasting (Part 1),” Orthodontic Specialists of Bucks County, Doylestown
September 20, 2011	“Protocols for eMailing X-rays, Copy/Cut/Paste Functions, Printing, and Sandblasting (Part 2),” Orthodontic Specialists of Bucks County, Doylestown
September 27, 2011	“Diagnostic Splints, Nightguards, and Lower Over- occlusals,” Orthodontic Specialists of Bucks County, Doylestown
October 18, 2011	“PDA Dental Radiology Regulations and Testing,” Orthodontic Specialists of Bucks County, Doylestown
December 8, 2011	“Splint Fabrication and TMJ Biological Sensitivity,” CCO, Philadelphia
February 21, 2012	“PDA Dental Radiology Regulations and Testing,” Dr. Constance M. Killian, Doylestown
March 17, 2012	“Splint Fabrication and TMJ Bone Biology,” Center for Orthodontic Excellence, Princeton Junction
March 20, 2012	“PDA Dental Radiology Regulations and Testing,” Dr. Theodore P. Croll, Doylestown

March 26, 2012	“PDA Dental Radiology Regulations and Testing,” Dr. Dennis M. Eble, Doylestown
May 22, 2012	“PDA Dental Radiology Regulations and Testing,” Dr. Amir Barati, Doylestown
June 19, 2012	“PDA Dental Radiology Regulations and Testing,” Dr. Melissa Ceresi, Doylestown
November 14, 2012	“Transverse Analysis and Expansion Protocols,” Center for Orthodontic Excellence, Princeton Junction
January 17-18, 2013	“CCO Leadership Introduction,” CCO, Long Island
December 4, 2013	“Landing Your Dream Job P 1/2,” Robert Wood Johnson University Hospital, New Brunswick
January 22, 2014	“Landing Your Dream Job P 2/2,” Robert Wood Johnson University Hospital, New Brunswick
April 4, 2014	“Starting a Practice and Marketing It,” Robert Wood Johnson University Hospital, New Brunswick
April 30, 2014	“Updated Goals and Protocols for Palatal Expansion: Debunking the Myths,” Roth-Williams International Society of Orthodontists, New Orleans
August 17, 2014	“Space Analysis and Social Media Information,” Secchi Institute, Devon
June 25, 2015	“Space Analysis and Transverse Diagnosis on Models,” Secchi Institute, Devon
January 29, 2016	“The CCO System: Improving Your Clinical Practice,” DENTSPLY-GAC, Hollywood
September 23, 2016	“Orthodontic Diagnosis and Treatment Planning,” University of Colorado, Boulder
	“CCO System Introduction,” University of Colorado, Boulder
	“Clinical Tips and Tricks,” University of Colorado, Boulder
	“Hands-on Transverse Analysis Workshop,” University of Colorado, Boulder
September 24, 2016	“Landing Your Dream Job,” University of Colorado, Boulder
	“Pathway to a Successful Startup,” University of Colorado, Boulder
	“Associate,” University of Colorado, Boulder

Bibliography:

Research Publications, peer reviewed:

Tamburrino RK, **SR Shah**, Fishel DL. “Periodontal rationale for transverse skeletal normalization,” Ortho Practice US **5** No **2**, 24-30 (2014).

Volk SW, **Shah SR**, Cohen AJ, Wang Y, Brisson BK, Vogel LK, Hankenson KD, Adams SL. Type III collagen regulates osteoblastogenesis and the

quantity of trabecular bone. *Calcif Tissue Int.* 2014 Mar 14.
DOI:10.1007/s00223-014-9843-x.

SR Shah and RK Tamburrino. "Stability, longevity, and predictability in your practice management technology," *Ortho Practice US* **5**, 44-49 (2014).

RK Tamburrino and **SR Shah**. "Incorporating TAD-supported Haas expansion into everyday practice," *Ortho Practice US* **3**, 32-37 (2013).

Shah, SR. "Case Report," *Middle Atlantic Society of Orthodontics Journal* Spring, 7 (2013).

RK Tamburrino, JL Linton, and **SR Shah**. "The Axis-Horizontal reference plane for precision diagnosis: part 2," *Ortho Practice US* **3**, 25-28 (2012).

Evian, C., Emling, R., Rosenberg, E., Waasdorp, J., Halpern, W., **Shah, S.**, Garcia, M. "Retrospective analysis of implant survival and the influence of periodontal disease and immediate placement on long-term results," *The International Journal of Oral and Maxillofacial Implants* **19**, 393-398 (2004).

Abstracts:

Shah, SR. Type III collagen-deficient mice exhibit altered skeletal and craniofacial development [abstract]. In: 2004 International Association for Dental Research Program Book; 2004 Mar 10-13; Honolulu, HI. Philadelphia, PA: IADR; 2004. p 164. Abstract nr 2969.

Shah, SR. Type III collagen-deficient mice exhibit altered skeletal and craniofacial development [abstract]. In: The 145th American Dental Association Annual Session Program; 2004 Oct 1-5; Orlando, FL. Philadelphia, PA: ADA; 2004. p 35. Abstract nr F19.

Cohen, AJ., **Shah, SR.**, Arias, AA., Elliott DM., Shah, D., Volk, SW., Adams, SL. Decreased type III collagen impairs osteogenic and chondrogenic differentiation of mesenchymal progenitor cells and alters skeletal development [abstract]. In: Penn Center for Musculoskeletal Disorders 6th Annual Scientific Symposium Book; 2009 Oct 14; Philadelphia, PA. Philadelphia, PA: PCMD; 2009. p 20 (Structure-Function Biomechanics Posters). Abstract nr 12.

Shah, SR., Cohen, AJ., Adams, SL. Type III collagen-deficient mice exhibit altered craniofacial and skeletal development [abstract]. In: ACPA-CFP's 67th Annual Meeting Program Book; 2010 Mar 15-20; Fort Worth, TX. Philadelphia, PA: ACPA; 2010. p. 69, 92. Abstract nr 92, 178.

Shah, SR. Type III collagen-deficient mice exhibit altered craniofacial and skeletal development [abstract]. In: AAO's 110th Annual Meeting Book of

Abstracts; 2010 Apr 30 - May 4; Washington, DC. Philadelphia, PA: AAO; 2010.
p. 27.