

# ANDRÉ VICENTE RITTER

## CURRICULUM VITAE

June, 2021

### Education

<u>Institution</u>	<u>Degree</u>	<u>Date Conferred</u>	<u>Major</u>
Universidade Positivo	PhD <sup>1</sup>	May 2019	Dentistry
Northeastern University	MBA	January 2013	Business Admin. Healthcare Mgmt.
University of North Carolina at Chapel Hill	MSD	May 2000	Operative Dentistry
University of North Carolina at Chapel Hill	Certificate	June 2000	Operative Dentistry
Federal Univ. of Santa Catarina Florianópolis, Brazil	Certificate	December 1992	Operative Dentistry
Federal Univ. of Santa Catarina Florianópolis, Brazil	DDS	December 1987	Dentistry
Colégio Cristo Rei Joaçaba, Brazil	BS	December 1982	Chemistry

### Post-Doctoral Training

2011-2012	Fellow, American Dental Education Association (ADEA) Leadership Institute, Class of 2012
2010/3	Chairs and Academic Administrators Management Program (CAAMP), Academy for Academic Leadership (AAL)
2007-2009	Fellow, K-30/T-32 Clinical Research Scholars Program, UNC Chapel Hill

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<sup>1</sup> PhD-equivalent degree, broadly recognized as a “doctorate” level degree in Brazil

### Licensure and Certification

2020-present	State of New York (Dental Faculty License #000112-01, Cert # 1099490)
2017-present	DEA Registration (#FR5384425)
2001-2020	State of North Carolina (Privilege License #200002253145)
1987-present	State of Santa Catarina, Brazil #SC2669 (Non-restricted license in Brazil)

### **Professional Experience**

#### Academic Appointments

2019-present	Professor, New York University College of Dentistry
2019-2021	Chair, Department of Cariology and Comprehensive Care, New York University College of Dentistry
2018-2019	Executive Dean and COO, School of Dentistry, University of North Carolina at Chapel Hill
2016-2019	Thomas P. Hinman Distinguished Professor of Restorative Dentistry, Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
2012-2019	Professor with tenure, Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
2014/07-2017	Chair, Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
2009-2016	Director of Clinical Research, Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
2014/01-06	Chair (interim), Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
2010-2014	Graduate Program Director, Advanced Education Program in Operative Dentistry (MS degree), Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
2011-2013	Vice Chair, Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
2003-2013	Director of Graduate Clinics, Operative Dentistry Graduate Program, School of Dentistry, University of North Carolina at Chapel Hill
2006-2011	Associate Professor with tenure, Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
2000-2010	Assistant Graduate Program Director, Operative Dentistry Graduate Program, School of Dentistry, University of North Carolina at Chapel Hill
2000-2006	Assistant Professor, Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill

- 1999-2000 Research Assistant, Dental Research Center, School of Dentistry, University of North Carolina at Chapel Hill
- 1997-2000 Teaching Assistant, Department of Operative Dentistry, School of Dentistry, University of North Carolina at Chapel Hill
- 1996-2000 Assistant Professor, Graduate and Undergraduate Programs, Department of Stomatology, Operative Dentistry Division (on leave after 08/1997), School of Dentistry, Federal University of Santa Catarina, Brazil
- 1992-1997 Lecturer and Instructor, Graduate Programs in Operative Dentistry, Department of Stomatology, Operative Dentistry Division, School of Dentistry, Federal University of Santa Catarina, Brazil
- 1992-1996 Adjunct Professor, Department of Stomatology, Operative Dentistry Division, School of Dentistry, Federal University of Santa Catarina, Brazil

### Private Dental Practice

- 2019-present Dental Faculty Practice, New York University College of Dentistry, New York City, NY
- 2001-2019 Intramural Dental Faculty Practice, School of Dentistry, University of North Carolina at Chapel Hill, Chapel Hill, NC
- 1996-1997 Group practice, Florianópolis, SC, Brazil
- 1987-1996 Solo practice, Joaçaba, SC, Brazil

### Honors and Awards

- 2019 Honorary Membership, UNC Dental Alumni Association
- 2019 Samuel Fonseca Medal of Honor, Santa Catarina Academy of Dentistry
- 2016 Thomas P. Hinman Distinguished Professorship in Restorative Dentistry
- 2014 Fulbright Specialist Roster candidate
- 2014 UNC Celebration of Faculty Diversity, Achievement and Success recognition
- 2013 Omega Kappa Upsilon Dental Honor Society, Faculty Member Induction
- 2011 UNC Chapel Hill Class of 1958 Award, for best clinical research paper in a given year with the paper "An eight-year clinical evaluation of filled and unfilled one-bottle dental adhesives." **Ritter AV**, Swift EJ, Heymann HO, Sturdevant JR, Wilder AD. *J Am Dent Assoc* 2009,140(1): 28-37
- 2011 Nominated for Faculty Award for Excellence in Doctoral Mentoring, UNC Chapel Hill
- 2005 Organization for Safety and Asepsis Procedures (OSAP) James A. Cottone Investigative Research Award with the presentation "Influence of Dental Unit Waterline Biocides On Dentin Bond Strengths," by Ghaname E, **Ritter AV**, and Leonard RH.
- 2004 Junior Faculty Development Award, UNC Chapel Hill
- 2004 University Research Council Grant Award, UNC Chapel Hill
- 2003 American Academy of Esthetic Dentistry Research Grant Award

- 2002 AADR Gies Award for the paper “Unique enamel phenotype associated with amelogenin gene (AMELX) codon 41 point mutation.” Ravassipour DB, Hart PS, Hart TC, **Ritter AV**, Yamauchi M, Gibson C, Wright JT. *J Dent Res* 2002 (7):1476-1481
- 2000 Prestigious External Awards Recognition, UNC Chapel Hill, The Graduate School
- 1999 Turner Award, Dental Research in Review Day, Ph.D. Oral Presentation, School of Dentistry, University of North Carolina at Chapel Hill
- 1998 Prestigious External Awards Recognition, UNC Chapel Hill, The Graduate School
- 1997 DDS Class of 1997 “Class Name Award,” School of Dentistry, Federal University of Santa Catarina, Florianópolis, SC, Brazil

## **Bibliography**

### Books & Chapters

1. Fahl Jr N, **Ritter AV**. Composite Resin Veneers – The Direct-Indirect Technique, Chicago:Quintessence Publishing Co., 2020: 450 pages.
2. Fahl Jr N, **Ritter AV**. Facetas em Resina Composta – A Técnica Direta-Indireta, São Paulo:Editora Napoleão, 2020: 450 pages.
3. **Ritter AV**, Boushell LW, Walter R, eds. Sturdevant’s Art and Science of Operative Dentistry, 7<sup>th</sup> ed. St Louis:Elsevier; 2018: 530 pages. Digital version available online.
4. **Ritter AV**. Operative Dentistry. In: Dowd F, ed. Mosby’s Review for the NBDE Part II, 2<sup>nd</sup> ed. St Louis:Elsevier; 2014:35-78.
5. Heymann HO, Swift EJ, **Ritter AV**, eds. Sturdevant’s Art and Science of Operative Dentistry, 6<sup>th</sup> ed. St Louis:Elsevier; 2012: 652 pages.
6. **Ritter AV**, Eidson RS, Donovan TE. Dental Caries: Etiology, Clinical Characteristics, Risk Assessment, and Management. In: Heymann HO, Swift EJ, **Ritter AV**, eds. Sturdevant’s Art and Science of Operative Dentistry, 6<sup>th</sup> ed. St Louis:Elsevier; 2012:41-88.
7. Heymann HO, **Ritter AV**, Roberson TM. Introduction to Composite Restorations. In: Heymann HO, Swift EJ, **Ritter AV**, eds. Sturdevant’s Art and Science of Operative Dentistry, 6<sup>th</sup> ed. St Louis:Elsevier; 2012:216-228.
8. **Ritter AV**, Walter R, Roberson TM. Class III, IV, and V Direct Composite and Other Tooth-Colored Restorations. In: Heymann HO, Swift EJ, **Ritter AV**, eds. Sturdevant’s Art and Science of Operative Dentistry, 6<sup>th</sup> ed. St Louis:Elsevier; 2012:229-253.
9. **Ritter AV**, Walter R, Roberson TM. Class I, II, and VI Direct Composite and Other Tooth-Colored Restorations. In: Heymann HO, Swift EJ, **Ritter AV**, eds. Sturdevant’s Art and Science of Operative Dentistry, 6<sup>th</sup> ed. St Louis:Elsevier; 2012:254-279.

10. Wilder Jr AD, Roberson TM, Pereira PNR, **Ritter AV**, May JR KN. Classes I, II, and VI Amalgam Restorations. In: Roberson TM, Heymann HO, Swift EJ, eds. *Sturdevant's Art and Science of Operative Dentistry*, 4th ed. St Louis: Mosby; 2001: 669-740; 5<sup>th</sup> ed. St Louis: Mosby; 2006: 710-782.
11. Wilder Jr AD, Roberson TM, **Ritter AV**, May JR KN: Classes III and V Amalgam Restorations. In: Roberson TM, Heymann HO, Swift EJ, eds. *Sturdevant's Art and Science of Operative Dentistry*, 4th ed. St Louis: Mosby; 2001: 741-762; 5<sup>th</sup> ed. St Louis: Mosby; 2006: 783-806.
12. Roberson TM, Heymann HO, **Ritter AV**. Introduction to Composite Restorations. In: Roberson TM, Heymann HO, Swift EJ, eds. *Sturdevant's Art and Science of Operative Dentistry*, 4<sup>th</sup> ed. St Louis: Mosby; 2001: 471-500; 5<sup>th</sup> ed. St Louis: Mosby; 2006: 495-526.
13. Roberson TM, Heymann HO, **Ritter AV**, Pereira PNR. Classes III, IV, and V Direct Composite and Other Tooth-Colored Restorations. In: Roberson TM, Heymann HO, Swift EJ, eds. *Sturdevant's Art and Science of Operative Dentistry*, 4th ed. St Louis: Mosby; 2001: 501-536; 5<sup>th</sup> ed. St Louis: Mosby; 2006: 527-566.
14. Roberson TM, Heymann HO, **Ritter AV**, Pereira PNR. Classes I, II, and VI Direct Composite and Other Tooth-Colored Restorations. In: Roberson TM, Heymann HO, Swift EJ, eds. *Sturdevant's Art and Science of Operative Dentistry*, 4th ed. St Louis: Mosby; 2001: 537-568; 5<sup>th</sup> ed. St Louis: Mosby; 2006: 567-600.
15. Swift EJ, Sturdevant JR, **Ritter AV**. Classes I and II Indirect Tooth-Colored Restorations. In: Roberson TM, Heymann HO, Swift EJ, eds. *Sturdevant's Art and Science of Operative Dentistry*, 4th ed. St Louis: Mosby; 2001: 569-590; 5<sup>th</sup> ed. St Louis: Mosby; 2006: 601-622.
16. Roberson TM, Heymann HO, **Ritter AV**. Introduction to Amalgam Restorations. In: Roberson TM, Heymann HO, Swift EJ, eds. *Sturdevant's Art and Science of Operative Dentistry*, 4th ed. St Louis: Mosby; 2001: 651-668; 5<sup>th</sup> ed. St Louis: Mosby; 2006: 689-709.
17. Wilder Jr AD, **Ritter AV**, Roberson TM, May JR KN. Complex Amalgam Restorations. In: Roberson TM, Heymann HO, Swift EJ, eds. *Sturdevant's Art and Science of Operative Dentistry*, 4th ed. St Louis: Mosby; 2001: 763-798; 5<sup>th</sup> ed. St Louis: Mosby; 2006: 807-844.
18. **Ritter AV**, Baratieri LN, Monteiro Jr S. *Caderno de Dentística – Proteção do Complexo Dentina-Polpa [Protection of the Pulp-Dentin Complex in Restorative Dentistry]*. São Paulo: Santos; 2002, 81 pages.
19. Baratieri LN, Monteiro Jr S, Andrada MAC, Vieira LCC, **Ritter AV**, Cardoso AC. *Odontologia Restauradora – Fundamentos e Possibilidades [Restorative Dentistry – Fundamentals and Possibilities]*. São Paulo: Santos/Quintessence Books; 2001, 739 pages.

20. Pimenta LAF, **Ritter AV**. How to Achieve Excellence in Enamel and Dentin Bonding (“Como Obter Excelência na Adesão ao Esmalte e Dentina”). In: Todescan FF, Bottino MA, eds. Atualização na Clínica Odontológica - A Prática da Clínica Geral / 20º Congresso Paulista de Odontologia. São Paulo: Artes Médicas; 2001: 13-29.
21. Baratieri LN, Monteiro Jr S, Andrada MAC, Vieira LCC, Cardoso AC, **Ritter AV**. Esthetics – Direct Adhesive Restoration on Fractured Anterior Teeth. Chicago: Quintessence Books; 1998, 397 pages.
22. Baratieri LN, Monteiro Jr S, **Ritter AV**, Felipe LA. Liners and Bases Materials: To Use or Not To Use? Which? (Materiais de forramento: Usar ou não? Quais?). In: Todescan FF, Bottino MA, eds. Atualização na Clínica Odontológica - A Prática da Clínica Geral / 18º Congresso Paulista de Odontologia. São Paulo: Artes Médicas; 1998: 45-87.
23. Baratieri LN, **Ritter AV**, Monteiro Jr S. Bleaching of Vital and Non-Vital Teeth. (Clareamento Dental ao Alcance de Todos). In: Todescan FF, Bottino MA, eds. Atualização na Clínica Odontológica - A Prática da Clínica Geral / 17º Congresso Paulista de Odontologia. São Paulo: Artes Médicas; 1996: 131-159.
24. Baratieri LN, Monteiro Jr S, Andrada MAC, Vieira LCC, Cardoso AC; **Ritter AV**. Estética - Restaurações Adesivas Diretas em Dentes Anteriores Fraturados [Esthetics – Direct Adhesive Restorations in Anterior Fractured Teeth]. São Paulo: Santos/Quintessence Books; 1995, 397 pages.
25. Baratieri LN, **Ritter AV**, Andrada MAC. How to Improve the Performance of Esthetic Direct Restorations? (Como Melhorar o Desempenho das Restaurações Estéticas Diretas?) In: Feller C, Bottino MA, eds: Atualização na Clínica Odontológica - A Prática da Clínica Geral / 16º Congresso Paulista de Odontologia". São Paulo: Artes Médicas; 1994: 33-60.

#### Refereed Journal Articles<sup>2</sup>

1. Raveis VH, Glotzer DL, **Ritter AV**. Dental care in the time of COVID-19. Integrating telehealth into the clinical care process. *NYS Dental J* 2021;87(1):21-25.
2. Fahl Jr N, **Ritter AV**. Composite Veneers: The direct-indirect technique revisited. *J Esthet Restor Dent* 2020 (accepted Dec 11).
3. Brandolin BA, Watson CA, Resnick SJ, Allen KL, **Ritter AV**. The inconspicuous nature of COVID-19 and its impact to dentistry. *Semin Orthod* 2020 Nov 13. Epub ahead of print. PMID: 33223797; PMCID: PMC7664472.
4. **Ritter AV**, Sulaiman TA, Altinchi A, Baratto F, Gonzaga CC, Correr GM. Effect of tribochemical coating on composite repair strength. *Oper Dent* 2020;45(6):E334-E342.
5. **Ritter AV**, Sulaiman TA, Rodgers BM, Baratto-Filho F, Cunha L, Gonzaga CC, Correr GM. Effect of surface treatment and cement type on dentin bonding of processed composite resin. *Am J Dent* 2019;32(6):271-275.

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<sup>2</sup> Scopus h-index: 28 (April, 2021)

6. Abd-Alraheam I, Donovan T, Boushell L, Cook R, **Ritter AV**, Sulaiman T. Fracture load of two thicknesses of different zirconia types after fatiguing and thermocycling. *J Prosthet Dent* 2020;123(4):635-640. PMID: 31383533.
7. **Ritter AV**, Sulaiman TA, Altinchi A, Bair E, Baratto F, Gonzaga CC, Correr GM. Composite-composite adhesion as a function of adhesive-composite material and surface treatment. *Oper Dent* 2019;44(4):348-354.
8. **Ritter AV**, Cunha LF, Correr GM. Esthetic and functional management of an ankylosed central incisor with a conservative restorative approach. *J Esthet Restor Dent* 2018;30(4):269-274. PMID: 29399941
9. Garcia PP, da Costa RG, Calgareo M, **Ritter AV**, Correr GM, da Cunha LF, Gonzaga CC. Digital smile design and mock-up technique for esthetic treatment planning with porcelain laminate veneers. *J Conserv Dent* 2018;21(4):455-458 PMID: 30122831
10. Falcão Spina DR, Goulart da Costa R, Farias IC, da Cunha LG, **Ritter AV**, Gonzaga CC, Correr GM. CAD/CAM post-and-core using different esthetic materials: Fracture resistance and bond strengths. *Am J Dent* 2017;30(6):299-304. PMID: 29251451
11. Olafsson VG, **Ritter AV**, Swift Jr EJ, Boushell LW, Ko CC, Jackson GR, Ahmed SN, Donovan TE. Effect of composite type and placement technique on cuspal strain. *J Esthet Restor Dent* 2018;30(1):30-38 PMID: 29034597
12. Rau CT, Olafsson VG, Delgado AJ, **Ritter AV**, Donovan TE. The quality of fixed prosthodontic impressions: An assessment of crown and bridge impressions received at commercial laboratories. *J Am Dent Assoc* 2017;148(9):654-660 PMID: 28601188
13. **Ritter AV**, Fahl Jr. N, Vargas M, Maia RM. The direct-indirect technique for composite restorations revisited. *Compend Contin Educ Dent* 2017;38(6):e9-e12. PMID: 28586234
14. Atieh MA, **Ritter AV**, Ko CC, Duqum I. Accuracy evaluation of intraoral optical impressions: A clinical study using a reference appliance. *J Prosthet Dent* 2017;118(3):400-405. PMID: 28222869
15. Cunali RS, Saab RC, Correr GM, Cunha LFD, Ornaghi BP, **Ritter AV**, Gonzaga CC. Marginal and internal adaptation of zirconia crowns: a comparative study of assessment methods. *Braz Dent J* 2017 Jul-Aug;28(4):467-473 PMID: 29160399
16. De Vasconcellos AB, Delgado A, Hirata R, Blackmon R, Swift EJ Jr, Heymann HO, Oldenburg AL, **Ritter AV**. The influence of two different curing regimens on light energy transmission through bulk-fill resin composites and Vickers hardness. *Am J Dent* 2016;29(5):294-300. PMID: 29178744
17. Vasconcellos AB, Delgado A, Hirata R, Blackmon R, Swift Jr. EJ, Heymann HO, Oldenburg AL, **Ritter AV**. Effect of finishing technique on the occurrence and length of microcracks in resin-based materials: an optical coherence tomography assessment. *Am J Dent* 2016;29(5):294-300.
18. Amaya-Pajares SP, **Ritter AV**, Vera Resendiz C, Henson BR, Culp L, Donovan TE. Effect of finishing and polishing on the surface roughness of four ceramic materials after occlusal adjustment. *J Esthet Restor Dent* 2016;28(6):382-396. PMID: 27264939
19. Boushell LW, Heymann HO, **Ritter AV**, Sturdevant JR, Swift Jr EJ, Wilder Jr AD, Chung Y, Lambert CA, Walter R. Six-year clinical performance of etch-and-rinse and self-etch adhesives. *Dent Mater* 2016;32(9):1065-1072. PMID: 27352732
20. **Ritter AV**, Preisser JS, Puranik CP, Chung Y, Bader JD, Shugars DA, Makhija S, Vollmer WM. A predictive model for root caries incidence. *Caries Res* 2016;50:271-278. PMID: 27160516

21. Sulaiman TA, Abdulmajeed AA, Donovan TE, **Ritter AV**, Vallittu PK, Närhi TO, Lassila LV. Optical properties and light irradiance of monolithic zirconia at variable thicknesses. *Dent Mater* 2015;31(10):1180-1187. PMID: 26198027
22. Delgado AJ, Donovan TE, **Ritter AV**, Ziemiecki T, Heymann HO. Effect of finishing techniques on the marginal integrity of composite and resin-modified glass ionomer restorations. *J Esthet Restor Dent* 2015;27(4):184-193. PMID: 26177046
23. Sulaiman TA, Abdulmajeed AA, Donovan TE, **Ritter AV**, Vallittu PK, Lassila LV, Närhi TO. Degree of conversion of dual-polymerizing cements light-polymerized through monolithic zirconia of different thicknesses and types. *J Prosthet Dent* 2015;114(1):103-108. PMID: 25882969
24. Oliveira GMS, **Ritter AV**, Heymann HO, Swift Jr. E, Donovan T, Brock G, Wright T. Remineralization effect of CPP-ACP and fluoride for white spot lesions in vitro. *J Dent* 2014;42(12):1592-1602. PMID: 25260438
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26. Walter R, Boushell LW, Heymann HO, **Ritter AV**, Sturdevant JR, Wilder Jr. AD, Chung Y, Swift EJ. Three-year clinical evaluation of a silorane composite resin. *J Esthet Restor Dent* 2014;26(3):179-190. PMID: 24344912
27. **Ritter AV**, Ramos MD, Astorga F, Shugars DA, Bader JD. Visual-tactile vs. radiographic caries detection in caries-active adults. *J Public Health Dent* 2013;73(3):252-260. PMID: 23772747
28. **Ritter AV**, Bader JD, Leo MC, Preisser JS, Shugars DA, Vollmer WM, Amaechi BT, Holland JC, for the X-ACT Collaborative Research Group. Tooth-surface-specific effects of xylitol: randomized trial results. *J Dent Res* 2013;92(6):512-517. PMID: 23589387
29. Hamamoto DT, Farrar SK, Caplan DJ, Lanphier TF, Panza JC, **Ritter AV**. Use of shared faculty in US and Canadian dental schools. *J Dent Educ* 2013;77(3):264-275. PMID: 23486891
30. Bader JD, Vollmer WM, Shugars DA, Gilbert GH, Amaechi BT, Brown JP, Laws RL, Funkhouser KA, Makhija SK, **Ritter AV**, Leo MC, for the X-ACT Collaborative Research Group. Principal results from the Xylitol for Adult Caries Trial (X-ACT). *J Am Dent Assoc* 2013;144(1):21-30. PMID: 23283923
31. **Ritter AV**, Preisser JS, Chung Y, Bader JD, Shugars DA, Amaechi BT, Makhija SK, Funkhouser KA, Vollmer WM, for the X-ACT Collaborative Research Group. Risk indicators for the presence and extent of root caries among caries-active adults enrolled in the Xylitol for Adult Caries Trial (X-ACT). *Clin Oral Investig* 2012;16(6):1647-1657. PMID: 22198596
32. Oliveira GCB, Oliveira GMS, **Ritter AV**, Heymann HO, Swift Jr. EJ, Yamauchi M. Influence of tooth age and etching time on the microtensile bond strengths of adhesive systems to dentin. *J Adhes Dent* 2012;14(3):229-234. PMID: 22282746
33. Boushell LW, **Ritter AV**, Garland GE, Tiwana KK, Smith LR, Broome A, Leonard RH. Nightguard vital bleaching: side effects and patient satisfaction 10-17 years post-treatment. *J Esthet Restor Dent* 2012;24(3):211-220. PMID: 22691084
34. Banting DW, Amaechi BT, Bader JD, Blanchard P, Gilbert GH, Gullion CM, Holland JC, Makhija SK, Papas A, **Ritter AV**, Singh M, Vollmer WM. Examiner Training and



- Reliability in Two Randomized Clinical Trials of Adult Dental Caries. *J Public Health Dent* 2011;71(4):335-344.
35. **Ritter AV**, Roberts MW, Wright JT. Remineralization of smooth surface incipient enamel lesions. *J Cosmet Dent* 2011;26(4):80-89.
  36. Sheikh H, Heymann HO, Swift EJ, Ziemiecki TL, **Ritter AV**. Effect of saliva contamination and cleansing solutions on the bond strength of self-etch adhesives to dentin. *J Esthet Restor Dent* 2010;22(6):402-410.
  37. Oliveira GM, Oliveira GB, **Ritter AV**. Crown fragment reattachment: Report of an extensive case with intra-canal anchorage. *Dent Traumatol* 2010;26(2):174-181.
  38. **Ritter AV**, Shugars DA, Bader JD. Root caries risk indicators: A systematic review of risk models. *Community Dent Oral Epidemiol* 2010;38(5):383-397.
  39. Bader JD, Robinson DS, Gilbert GH, **Ritter AV**, Makhija SK, Funkhouser KA, Amaechi BT, Shugars DA, Laws R. Four "lessons learned" while implementing a multi-site caries prevention trial. *J Public Health Dent* 2010;70(3):171-175.
  40. Maresca C, Pimenta LAF, Heymann HO, Ziemiecki TL, **Ritter AV**. Effect of finishing instrumentation on the marginal integrity of resin-based composite restorations. *J Esthet Restor Dent* 2010;22(2):104-113.
  41. Ghaname ES, **Ritter AV**, Heymann HO, Vann WF, Shugars DA, Bader JD. Correlation between laser fluorescence readings and volume of tooth preparation in incipient occlusal caries in vitro. *J Esthet Restor Dent* 2010;22(1):31-9.
  42. Walter R, Swift EJ, **Ritter AV**, Bartholomew WW, Gibson CG. Dentin bonding of a new etch-and-rinse adhesive using self-and light-cured composites. *Am J Dent* 2009;22(4):215-218.
  43. **Ritter AV**, Grippo JO, Coleman TA, Morgan ME. Prevalence of carious and non-carious cervical lesions in archaeological populations from North America and Europe. *J Esthet Restor Dent* 2009;21(5):324-335
  44. Boushell LW, **Ritter AV**. Ceramic inlays: A case presentation and lessons learned from the literature. *J Esthet Restor Dent* 2009;21(2):77-87.
  45. Wilder AD, Swift EJ, Heymann HO, **Ritter AV**, Sturdevant JR, Bayne SC. A 12-year clinical evaluation of a three-step dentin adhesive in noncarious cervical lesions. *J Am Dent Assoc* 2009;140(5):526-535
  46. Raj V, Heymann HO, Hershey HG, **Ritter AV**, Casco JS. The apparent contact dimension and covariates among orthodontically treated and nontreated subjects. *J Esthet Restor Dent* 2009;21(2):96-111.
  47. Oliveira GM, **Ritter AV**. Composite resin restoration of permanent incisors with crown fractures. *Pediatr Dent* 2009;31(2):102-109.
  48. Macedo GV, **Ritter AV**. Essentials of re-bonding tooth fragments for the best functional and esthetic outcomes. *Pediatr Dent* 2009;31(2):110-116.
  49. **Ritter AV**, Swift EJ, Heymann HO, Sturdevant JR, Wilder AD. An eight-year clinical evaluation of filled and unfilled one-bottle dental adhesives. *J Am Dent Assoc* 2009;140(1):28-37.
  50. **Ritter AV**, Ghaname E, Pimenta LAF. Dentin and enamel bond strengths of dual-cure composite luting agents used with dual-cure dental adhesives. *J Dent* 2009;37(1):59-64
  51. **Ritter AV**. Posterior composites revisited. *J Esthet Restor Dent* 2008;20(1):57-67.
  52. Macedo GV, Diaz PI, De O Fernandes CA, **Ritter AV**. Reattachment of anterior teeth fragments: a conservative approach. *J Esthet Restor Dent* 2008;20(1):5-18.

53. Swift EJ, **Ritter AV**, Heymann HO, Sturdevant JR, Wilder AD. 36-month clinical evaluation of two adhesives and microhybrid resin composites in Class I restorations. *Am J Dent* 2008;21(3):148-152.
54. **Ritter AV**, Heymann HO, Swift EJ, Sturdevant JR, Wilder AD. Clinical evaluation of an all-in-one adhesive in non-carious cervical lesions with different degrees of dentin sclerosis. *Oper Dent* 2008;33(4):370-378.
55. **Ritter AV**, Ghaname E, Leonard RH. The influence of dental unit waterline cleaners on composite-to-dentin bond strengths. *J Am Dent Assoc* 2007;138(7):985-991. A reprint appears in *The Dental Assistant* 2008;77(1):4-12.
56. Erhardt MCG, Rodrigues JA, Valentino TA, **Ritter AV**, Pimenta LAF. In vitro  $\mu$ TBS of one-bottle adhesive systems: sound vs. artificially-created caries-affected dentin. *J Biomed Mater Res B Appl Biomater* 2008;86(1):181-187.
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59. Ritter DE, **Ritter AV**, Bruggeman D, Locks A, Tulloch JFC. Bond strengths and adhesive remnant index of self-etching adhesives used to bond brackets to instrumented and uninstrumented enamel. *Am J Dent* 2006;19(1):47-50.
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76. Baratieri LN, **Ritter AV**, Monteiro Jr S, Andrada MAC, Vieira LCC. Guidelines for non-vital tooth bleaching are presented. *Dental Abstracts* 1996;41(3):112-113.
77. Gwinnett AJ, Baratieri LN, Monteiro Jr S, **Ritter AV**. Guidelines for adhesive restorations with amalgam reported. *Dental Abstracts* 1995;40(3):124-125.
78. Baratieri NM, **Ritter AV**, Baratieri LN. Interproximal caries lesion diagnosis in posterior permanent teeth: A comparison of radiographic and clinical examination with and without tooth separation. *Proceedings of the V World Congress on Preventive Dentistry*, São Paulo, SP, Brazil. 1994:50 (abstract #O20).

#### Presentations (Oral/Poster without Published Abstracts)

- 2005 Lunch & Learn Session, 83rd General Session & Exhibition of the IADR, Baltimore, MD, March
- 2004 In Vitro Analysis of the Sealing Ability of Dental Restorative Materials: A Microbiological Investigation, 29th Annual Meeting of the American Academy of Esthetic Dentistry (AAED), Banff, Canada, August

#### Invited Oral Presentations (Local, State, National, and International)

##### Local and State

- 2020 Oral Health Problems and Strategies for Care: Dental Caries. Series “New Treatment Paradigms for Managing the Oral Health Needs of Patients with Disabilities, NYU Alumni Association, New York, NY, December 2020
- 2020 Selective Caries Removal - A New Paradigm, Greater New York Dental Meeting, New York, NY, November 2020

- 2020 Clinical Research, University of Sao Paulo, SP, Brazil, November 2020
- 2020 Lost In The Trees: Surviving Innovation and Change, OKU NYU Chapter Distinguished Speaker, New York, NY, February 2020
- 2015 Update on Bonding Agents and Direct Composites for Anterior and Posterior Teeth, Charlotte Dental Society, Charlotte, NC, January 2015
- 2014 An Update on Bonding Agents and Anterior Composites, 2014 UNC Preceptor Thank You Day, UNC Chapel Hill, NC, April 2014
- 2013 A Clinical Update on Composites and Bonding Agents, John Dilday Study Club, Chapel Hill, NC, March 2013
- 2012 Posterior Composites: Current Uses and Solutions for Common Problems, Raleigh-Wake County Dental Society, Raleigh, NC, October 2012
- 2006 Conservative and Esthetic Composite Restoration of Anterior and Posterior Teeth, Focusing Your Dental Practice, Wake Forest University Department of Dentistry Meeting, Wrightsville Beach, NC, June 2006
- 2006 Restoration of Fractured Anterior Teeth: Tooth Fragment Bonding, Department of Pediatric Dentistry, UNC Chapel Hill, NC, April 2006
- 2005 Restoration of Fractured Anterior Teeth: Clinical Options and Techniques, Department of Pediatric Dentistry, UNC Chapel Hill, NC, November 2005
- 2005 Esthetic and Conservative Restoration of Posterior Teeth: Composites and Ceramics, 18<sup>th</sup> Annual Roy B. Harrell Symposium, Chapel Hill, NC, April 2005
- 2004 Posterior Composite Update, with live demo on patient, GM Hollenback Dental Study Club, Eden, NC, April 2004
- 2003 Update on Dental Cements, Advanced Education in General Practice program, Chapel Hill, NC, November 2003
- 2003 Repair of Metal-Ceramic and Composite Structures, Advanced Education in General Practice program, Chapel Hill, NC, November 2003
- 2003 Porcelain Veneers – A Hands-On Program, General Practice Residency Program, UNC Chapel Hill, NC, June 2003
- 2003 Current Restorative Options for Cervical Defects, Update in General Practice, Chapel Hill, NC, May 2003
- 2003 Current Concepts in Posterior Composites, Ninth Annual Preceptor Thank You Day, UNC Chapel Hill, Chapel Hill, NC, May 2003
- 2003 Restorative Consideration for Endodontics, Graduate Endodontics Program, UNC Chapel Hill, NC, April 2003
- 2003 Incremental Technique for Posterior Composite Build-Up – Achieving Function and Esthetics, 2003 Dental Research in Review Day, UNC Chapel Hill, NC, February 2003
- 2002 Contemporary Concepts in Operative Dentistry, North Carolina 3rd District Dental Society, Annual Fall Meeting, Greensboro, NC, October 2002
- 2002 Update on Dental Cements, Advanced Education in General Practice program, Chapel Hill, NC, September 2002
- 2002 Repair of Metal-Ceramic and Composite Structures, Advanced Education in General Practice program, Chapel Hill, NC, September 2002
- 2002 Operative Dentistry: What’s Hot in the New Century, 2nd Biennial National Dental Assisting Educators Workshop, Chapel Hill, NC, August 2002
- 2002 Update on Dental Cements, Update in General Practice 2002, Chapel Hill, NC, June 2002

- 2002 Repair of Metal-Ceramic and Composite Structures, Update in General Practice 2002, Chapel Hill, NC, June 2002
- 2002 Biomaterials Consideration in Restorative Dentistry, Biomedical Engineering Program, UNC Chapel Hill, NC, March 2002
- 2002 Restorative Consideration for Orthodontics, Orthodontics Mini Residency Program, Department of Orthodontics, UNC Chapel Hill, NC, February 2002  
*Additional presentations of same course/program:*  
03/2003, 10/2003, 10/2004, 10/2005, 10/2006
- 2001 Bleaching and Bonding in Dentistry, Dental Delta Sigma of North Carolina, Chapel Hill, NC, November 2001
- 2001 Current Concepts on Restorative Options for Posterior Teeth: Resin-based Composites and Ceramic Inlays, Symposium of Dental Hygiene Section of North Carolina, Salisbury, NC, April 2001

#### National and International

- 2017 Factors that Affect Longevity in Direct Composite Resin Restorations, New York University College of Dentistry, New York, NY, January 2017
- 2016 Indications, Clinical Applications, and Factors that Affect Longevity in Direct Composite Resin Restorations, XII Fahl Center Alumni Reunion Meeting, Curitiba, Brazil, May 2016
- 2015 Clinical Update on Direct Anterior and Posterior Composite Resins, 2<sup>nd</sup> Egyptian Dental Syndicate International Congress, Cairo, Egypt, September 2015
- 2015 Contemporary Trends on the Use of Direct Posterior Composites, 19<sup>th</sup> NUS Clinical Dentistry Symposium, National University of Singapore Faculty of Dentistry, Singapore, May 2015
- 2014 Direct Composites for the Appearance-minded Patient, Society for Color and Appearance in Dentistry Annual Meeting, Chicago IL, October 2014
- 2014 Esthetic Restorative Options for Anterior and Posterior Permanent Teeth in the Adolescent Patient, American Academy of Pediatric Dentistry Annual Meeting, Boston, MA, May 2014
- 2014 Conservative and Esthetic Restoration of Anterior and Posterior Teeth with Composites, Naval Postgraduate Dental School, Navy Medicine Professional Development Center, Bethesda, MD, May 2014
- 2014 Clinical Decision-making in Cariology and Restorative Dentistry, Cariology and Operative Dentistry/Biomaterials Session at ADEA meeting, San Antonio, TX, March 2014
- 2013 Posterior Direct Composites: Current Uses and Solutions for Common Problems, New York University College of Dentistry, New York, NY, October 2013
- 2013 Update on Posterior Direct Composites: Current Uses and Solutions for Common Problems, Dean's Seminar Series, Stony Brook School of Dental Medicine, Stony Brook, NY, January 2013
- 2013 Current Concepts on Direct Posterior Composites, International Dental Student Conference, Montreal, Canada, January 2013
- 2012 Restorative and Esthetic Dentistry with Direct Composites: Current Uses and Solutions for Common Problems, XXI Meeting of the Portuguese Dental Association (Ordem dos Médicos Dentistas de Portugal), Porto, Portugal, November 2012

- 2012 Contemporary Trends in Posterior Direct Composite Restorations, Canadian Academy of Restorative Dentistry and Prosthodontics 2012 Annual Scientific Meeting, Halifax, Canada, September 2012
- 2012 Contemporary Trends in Posterior Direct Composite Restorations, Temple Research Day, Kornberg School of Dentistry, Temple University, Philadelphia, PA, March 2012
- 2012 Current Clinical Evidence for CPP-ACP, Symposium Non-fluoride Approaches for Caries Prevention, AADR Annual Meeting, Tampa, FL, March 2012
- 2011 Contemporary Trends in Posterior Direct Composite Restorations, Society for Color and Appearance in Dentistry, 3<sup>rd</sup> Annual Meeting, Chicago, IL, September 2011
- 2010 Posterior Composites: Current Uses and Solutions for Common Problems, Iowa College of Dentistry, Iowa University, Iowa City, IA, October 2010
- 2010 Research Seminar, Iowa College of Dentistry, Department of Operative Dentistry Graduate Program, Iowa University, Iowa City, IA, October 2010
- 2010 Posterior Composites: Current Controversies, Herman Ostrow School of Dentistry, University of Southern California, Los Angeles, CA, April 2010
- 2010 Restorative Options for Fractured Anterior Teeth. Seminar with Department of Prosthodontics Graduate Students and Faculty, Herman Ostrow School of Dentistry, University of Southern California, Los Angeles, CA, April 2010
- 2010 Posterior Composites: Current Uses and Solutions for Common Problems, 80<sup>th</sup> Annual Meeting of the American Academy of Restorative Dentistry, Chicago, IL, February 2010
- 2008 Restoration of Permanent Incisors with Complicated Crown/Root Fractures, American Academy of Pediatric Dentistry Symposium on Trauma: A Comprehensive Update on Permanent Tooth Trauma in Children, Chicago, IL, November 2008
- 2008 Essentials of Rebonding Tooth Fragments for the Best Functional and Esthetic Outcomes, American Academy of Pediatric Dentistry Symposium on Trauma: A Comprehensive Update on Permanent Tooth Trauma in Children, Chicago, IL, November 2008
- 2007 Conservative and Esthetic Restoration of Anterior and Posterior Teeth with Composites, District of Columbia Dental Society, Washington, DC, September 2007
- 2007 Posterior Composites: Simple Pearls for Optimum Results, 24<sup>th</sup> Annual Dental Review, Myrtle Beach, SC, June 2007
- 2007 Dental Trauma: Restorative Treatment of the Uncomplicated Crown Fracture, Annual Meeting of the American Association of Endodontists (AAE), Philadelphia, PA, April 2007
- 2006 Conservative and Esthetic Restoration of Anterior and Posterior Teeth with Composites, California Dental Association Fall Scientific Session, San Francisco, CA, February 2006 (presented a repeat of same program at same meeting)
- 2005 Esthetic and Conservative Restoration of Fractured Anterior Teeth, 2005 Annual Meeting of the International Association of Dental Traumatology, Reykjavík, Iceland, May 2005
- 2005 Esthetic Considerations after Traumatic Injuries, Annual Meeting of the American Association of Endodontists (AAE), Dallas, TX, April 2005
- 2005 Esthetic Dentistry: How to Remain True to the Principles of Good Patient Care in the Age of the Extreme Makeover, Vincent A. Barr Visiting Professorship Lecture and American Student Dental Association (ASDA) day, University of Kentucky, Lexington, KY, March 2005
- 2004 Posterior Composite Restorations: Current Concepts for Optimum Success, 145<sup>th</sup> Annual Meeting of the ADA, Orlando, FL, October 2004

- 2004 Esthetic and Conservative Restoration of Anterior and Posterior Teeth with Composites, 12<sup>th</sup> Annual Meeting of the Hispanic Dental Association (HDA), San Juan, PR, October 2004
- 2004 Posterior Composites: Current Recommendations for Optimum Success, 29<sup>th</sup> Annual Meeting of the American Academy of Esthetic Dentistry (AAED), Banff, Canada, August 2004
- 2004 The Art and Science of Restoring Posterior Defects with Resin-Based Composites, Louisiana State University, New Orleans, LA, February 2004
- 2003 Dental Adhesives and Resin-Based Composites: What's New?, 2<sup>nd</sup> International Esthetics Meeting of Goiás, Goiânia, GO, Brazil, October 2003
- 2003 Anterior Composites: Contemporary Concepts for Optimal Success, 20<sup>th</sup> Annual Dental Review, Myrtle Beach, SC, June 2003
- 2002 Photopolymerization and Dental Bleaching, Sociedade Brasileira de Odontologia Estética, 8<sup>th</sup> Annual Meeting, Florianópolis, SC, Brazil, April 2002
- 1998 The Effect of Stress-absorbing Dentin Adhesives on the Interaction of Composites with Human Dentin – An SEM Study, Microscopy and Microanalysis '98, Atlanta, GA, July 1998
- 1997 Workshop: Traumatized Teeth – Tooth Bleaching, Florianópolis, Federal University of Santa Catarina, SC, Brazil, August 1997
- 1997 Workshop: Esthetic Operative Dentistry – Direct Adhesive Restorations, Escola de Atualização Profissional dos Cirurgiões Dentistas do Estado de Goiás, Goiânia, GO, Brazil, July 1997
- 1997 Workshop: Esthetic Dentistry – Bleaching of Vital and Non-Vital Teeth, Federal University of Santa Catarina, Florianópolis, SC, Brazil, April 1997
- 1997 Workshop: Esthetic Operative Dentistry – Direct Adhesive Restorations, Federal University of Santa Catarina, Florianópolis, SC, Brazil, February 1997
- 1996 Workshop: Esthetic Operative Dentistry – Inlay/Onlay Restorations Part II, Federal University of Santa Catarina, Florianópolis, SC, Brazil, December 1996
- 1996 Workshop: Esthetic Dentistry – Bleaching of Vital and Non-Vital Teeth, Federal University of Santa Catarina, Florianópolis, SC, Brazil, November 1996
- 1996 Workshop: Esthetic Operative Dentistry – Direct Adhesive Restorations, Federal University of Santa Catarina, Florianópolis, SC, Brazil, November 1996
- 1996 Tooth Bleaching, XXVIII Congresso Brasileiro de Odontologia, IX Congresso Bahiano de Odontologia, VII Seminário Brasileiro de Promoção de Saúde Bucal, Salvador, BA, Brazil, October 1996
- 1996 Composite Veneers and Indirect Restorations, IV Semana Acadêmica de Odontologia - ULBRA, Canoas, RS, Brazil, October 1996
- 1996 Workshop: Esthetic Dentistry – Bleaching of Vital and Non-Vital Teeth, Federal University of Santa Catarina, Florianópolis, SC, Brazil, October 1996
- 1996 Workshop: Esthetic Operative Dentistry – Inlay/Onlay Restorations Part I, Federal University of Santa Catarina, Florianópolis, SC, Brazil, September 1996
- 1996 Workshop: Esthetic Dentistry – Direct Adhesive Restorations, Federal University of Santa Catarina, Florianópolis, SC, Brazil, July 1996
- 1996 Workshop: Esthetic Dentistry – Bleaching of Vital and Non-Vital Teeth, Federal University of Santa Catarina, Florianópolis, SC, Brazil, July 1996

- 1996 Operative Dentistry, IX Curso de Atualização em Dentística Restauradora - Universidade Federal do Paraná, Curitiba, PR, Brazil, May 1996
- 1996 Bleaching of Vital and Non-Vital Teeth, V Encontro Acadêmico de Atualização Odontológica Universidade Federal de Santa Catarina, Florianópolis, SC, Brazil, May 1996
- 1996 Tooth Bleaching, 17º Congresso Internacional de Odontologia de São Paulo, SP, Brazil, January 1996
- 1995 Adhesive Amalgam Restorations, III Encontro Acadêmico de Atualização Odontológica, Florianópolis, SC, Brazil, May 1995
- 1994 Bleaching of Vital Teeth, VII Congresso Catarinense de Odontologia, Florianópolis, SC, Brazil, November 1994
- 1994 Bleaching of Vital and Non-Vital Teeth, 10º Congresso Internacional de Odontologia de Ponta Grossa, PR, Brazil, September 1994
- 1994 Bleaching of Non-Vital Teeth, XIº Congresso Internacional de Odontologia do Rio de Janeiro, Rio de Janeiro, RJ, Brazil, July 1994
- 1994 Bleaching of Vital Teeth, 10º Congresso Odontológico Riograndense, Porto Alegre, RS, Brazil, July 1994
- 1994 Tooth Bleaching, Associação Brasileira de Odontologia, Concórdia, SC, Brazil, April 1994
- 1994 Forced Eruption, 16º Congresso Paulista de Odontologia, São Paulo, SP, Brazil, January 1994
- 1993 Bleaching of Vital and Non-Vital Teeth, Colóquios de Atualização Profissional, Associação Brasileira de Odontologia, Joaçaba, SC, Brazil, November 1993
- 1993 Bleaching of Non-Vital Teeth, 2º Congresso Internacional de Odontologia do Paraná, Curitiba, PR, Brazil, September 1993
- 1993 Bleaching of Vital Teeth, 2º Congresso Internacional de Odontologia do Paraná, Curitiba, PR, Brazil, September 1993
- 1993 Bleaching of Vital Teeth, XI Congresso Internacional de Odontologia do Rio de Janeiro, RJ, Brazil, July 1993
- 1992 Bleaching of Vital Teeth, Encontro Catarinense dos Especialistas em Dentística, Joinville, SC, Brazil, August 1992
- 1992 Bleaching of Vital Teeth, XX Jornada Catarinense de Odontologia - II Encontro Catarinense de Prevenção, Joinville, SC, Brazil, August 1992
- 1989 Pulp Curetage, XVIII Jornada Catarinense de Odontologia, Criciúma, SC, Brazil, November 1989

#### Continuing Education Courses Presented

- 2017 Managing Caries Lesions: Consensus Recommendations on Carious Tissue Removal, DISC 23<sup>rd</sup> Preceptor Appreciation Day, UNC School of Dentistry, Chapel Hill, NC, April 2017
- 2016 Update in Anterior & Posterior Composite Resin Materials, Update in General Practice, Chapel Hill, NC, June 2016
- 2016 Achieving Excellence with Direct Composites: A Hands-On Workshop, University of Colorado School of Dental Medicine, Denver, CO, March 2016

- 2014 Current Strategies for Caries Prevention, 31<sup>st</sup> Annual Dental Review, Myrtle Beach, SC, June 2014
- 2012 Clinical Pearls for Composite Success, 29<sup>th</sup> Annual Dental Review, Myrtle Beach, SC, June 2012
- 2012 Current Uses of Anterior and Posterior Direct Composite Restorations, Brazil Dentists CE, UNC School of Dentistry, Chapel Hill, NC, March 2012
- 2011 Composite Restorations Update, South East AHEC, Wilmington, NC, October 2011  
*Additional presentation of same course:*  
04/2013, NC AHEC, Tar River Dental Study Club, Wilson, NC
- 2010 Esthetic Dentistry, Wake Forest University School of Medicine, Department of Dentistry, Focusing Your Dental Practice meeting, Wrightsville Beach, NC, June 2010
- 2010 Update on Composites, Butler Ross Study Club, Durham, NC, April 2010
- 2009 Current Concepts on Restorative Options for Posterior Teeth: Resin-based Composites and Ceramic Inlays, NC AHEC, Eastern Central Dental Society, Greenville, NC, October 2009  
*Additional presentation of same course:*  
11/2010, Waynesville Dental Society, Waynesville, NC  
05/2013, NC AHEC, University Dental Study Group, Concord, NC
- 2009 Root Caries Etiology and Epidemiology, Clinical Excellence for the Dental Team 2009: Approaches to Root Caries Therapy. UNC School of Dentistry, Chapel Hill, NC, August 2009
- 2008 Current Concepts on Repair of Metal, Ceramic, and Composite Restorations, Forsyth County Dental Society, Winston-Salem, NC, January 2008
- 2007 Keys to Success with Porcelain Restorations: Porcelain Veneers and Ceramic Inlays/Onlays, Hands-On NC Academy for Advanced Clinical Dentistry, UNC School of Dentistry, Chapel Hill, NC, August 2007  
*Additional presentations of same course:*  
11/2007, 08/2008, 08/2009, UNC School of Dentistry, Chapel Hill, NC
- 2007 Keys to Success with Posterior Composites, Hands-On NC Academy for Advanced Clinical Dentistry, UNC School of Dentistry, Chapel Hill, NC, June 2007  
*Additional presentations of same course:* 06/2008, 06/2009, 03/2012, UNC School of Dentistry, Chapel Hill, NC
- 2007 Keys to Success with Anterior Composites, Hands-On NC Academy for Advanced Clinical Dentistry, UNC School of Dentistry, Chapel Hill, NC, March 2007  
*Additional presentations of same course:* 02/2008, 02/2009, 08/2011, UNC School of Dentistry, Chapel Hill, NC
- 2007 Posterior Composites: Simple Pearls For Consistent Results, Hot Topics in Dentistry 2007, Friday Center for Continuum Education, Chapel Hill, NC, January 2007
- 2006 Esthetic and Conservative Operative Dentistry for General Practitioners: Porcelain Veneers and Ceramic Inlays/Onlays, Hands-On NC Academy for Advanced Clinical Dentistry, UNC School of Dentistry, Chapel Hill, NC, August 2006
- 2006 Esthetic and Conservative Operative Dentistry for General Practitioners: Posterior Composite Restorations, Hands-On NC Academy for Advanced Clinical Dentistry, UNC School of Dentistry, Chapel Hill, NC, June 2006
- 2006 Anterior Composite Restorations, 12<sup>th</sup> Annual Preceptor Thank You Day, UNC, Chapel Hill, NC, May 2006



- 2006 Esthetic and Conservative Operative Dentistry for General Practitioners: Anterior Composite Restorations, Hands-On NC Academy for Advanced Clinical Dentistry, UNC School of Dentistry, Chapel Hill, NC, March 2006
- 2006 Update on Dental Adhesives and their Clinical Applications, Alamance County Dental Society, Burlington, NC, February 2006
- 2005 Update on Adhesives and Composites, Ninth Annual Dental Scholars Lecture Series, Coastal Study Club, Wilmington, NC, December 2005
- 2005 Update on Dental Composites, Forsyth County Dental Society, Winston-Salem, NC, September 2005
- 2005 Dentin Bonding Update: Keys to Clinical Success, 22nd Annual Dental Review, Myrtle Beach, SC, June 2005
- 2005 Layering Anterior Composite Restorations: Keys to Success, Hot Topics in Dentistry 2005, Friday Center for Continuum Education, Chapel Hill, NC, January 2005
- 2004 Cariology Update, NC AHEC, Fayetteville, NC, February 2004
- 2004 Update on Modern Operative Dentistry, Piedmont Section SC Dental Society, Spartanburg, SC, February 2004
- 2003 Posterior Esthetic Restorations – A Review of Posterior Composites and Ceramic Inlays, NC AHEC, Winston-Salem, NC, December 2003
- 2003 Bleaching Techniques for Vital and Non-Vital Teeth, NC AHEC, Wilmington, NC, December 2003
- 2003 Update on Anterior and Posterior Composites, NC AHEC, Asheboro, NC, November 2003
- 2003 Update on Dental Cements, NC AHEC, Charlotte, NC, November 2003
- 2003 Update on Posterior Composites, NC AHEC, Charlotte, NC, November 2003
- Additional presentations of same course:*
- 03/2012, Rowan County Dental Society, Salisbury, NC
- 09/2010, Charlotte AHEC, Charlotte, NC
- 03/2010, Durham Orange County Dental Society, Durham, NC
- 05/2007, Davidson County Dental Society, Lexington, NC
- 04/2006, Blue Ridge Dental Society, Elkin, NC
- 05/2004, Randolph County Dental Society, Asheboro, NC
- 04/2004, Prima Dental Study Club, Goldsboro, NC
- 2003 Conservative Restoration of Anterior and Posterior Teeth with Composites and Ceramics, Woehler Research Group, Chapel Hill, NC, April 2003
- 2003 Esthetic Dentistry Update, Prima Dental Study Club, Wilmington, NC, March 2003
- 2003 What's New in Esthetic Conservative Dentistry, Wilmington Tri-County Dental Society, Wilmington, NC, March 2003
- Additional presentation of same course:*
- 05/2003, Sandhills Dental Society, Pinehurst, NC
- 2003 Anterior Composite Restorations: Current Concepts for Optimal Success, Hot Topics in Dentistry 2003, Chapel Hill, NC, January 2003
- 2002 Conservative Esthetic Dentistry, NC AHEC, Winston-Salem, NC, November 2002
- 2002 Anterior Composite Update, NC AHEC, Charlotte, NC, October 2002
- Additional presentation of same course:*
- 03/2011, Sandhills Dental Assistants Society, Montgomery Community College, Troy, NC

- 09/2010, Charlotte AHEC, Charlotte, NC  
03/2006, Onslow County Dental Society, Jacksonville, NC  
05/2003, Blue Ridge Dental Society, Elkin, NC
- 2002 Repair of Metal-Ceramic and Composite Structures, NC Coastal AHEC, Wilmington, NC, October 2002
- 2002 Hands-On Continuum in Conservative Esthetic Dentistry 16-hour Advanced Operative Dentistry Workshop, UNC School of Dentistry, Chapel Hill, NC, August 2002
- 2002 Porcelain Veneers: a Hands-On Program, General Practice Residency Program, UNC Chapel Hill, NC, January 2002
- Additional presentations of same course/program:*  
06/2004, 06/2005
- 2001 Achieving Success with Ceramic Inlays and Onlays, 18th Annual Dental Review, Myrtle Beach, SC, June 2001
- 2001 Posterior Composite Restorations: Contemporary Approaches for Optimal Success, Hot Topics in Dentistry, Chapel Hill, NC, January 2001

Other Unrefereed Works (includes editorials, invited commentaries, interviews, review guides, and dissertations)

1. Raveis VH, Glotzer DL, **Ritter AV**. Lessons From the COVID-19 Pandemic: Telehealth as a Safety Net for Urgent Care. JADA+ Monographs, published April 2021 at <https://pages.ada.org/en/covidmonograph/lessons-from-the-covid-19-pandemic-telehealth-as-a-safety-net-for-urgent-care-dr.-victoria-raveis-and-colleagues>
2. **Ritter AV**. Posterior Composites. *MetLife Quality Resource Guide*, 6th edition, 2020, 22 pages
3. **Ritter AV**, ed (editorial review of restorative entries, editorial board member). In: Fehrenbach MJ. Mosby's Dental Dictionary. 4<sup>th</sup> ed. St.Louis:Elsevier; 2019: 885 pages.
4. **Ritter AV**. PhD<sup>3</sup> Degree Dissertation: Composite-Composite Adhesion as a Function of Material and Surface Treatment. [Thesis] Curitiba, PR, Brazil: Universidade Positivo, May 2019, 84 pages.
5. **Ritter AV**. Posterior Composites. *MetLife Quality Resource Guide*, 5th edition, 2018, 22 pages
6. Hirata R, Reis A, Loguercio AD, Fronza BM, Higashi C, Placido E, Bonfante E, Arbex Filho J, Giannini M, De Andrade OS, Di Hipolito V, Kabbach W. Shortcuts in Esthetic Dentistry, **Ritter AV**, Oliveira G (scientific editorship). 1<sup>st</sup> Edition in English. Quintessence Publishing, 2017.
7. **Ritter AV**. Posterior Composites. *MetLife Quality Resource Guide*, 4th edition, 2015, 22 pages
8. Boushell LW, **Ritter AV**. Extensive training in the realm of esthetics. *J Cosmetic Dent* 2014;30(3):80-81.
9. **Ritter AV**. The efficacy of fluoride on root caries progression may be dose-dependent. *J Evid Based Dent Pract* 2013;13(4):177-179.
10. **Ritter AV**, Browning WD, Swift EJ. Critical Appraisal: Partial caries excavation. *J Esthet Restor Dent* 2012;24(2):1148-152.

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<sup>3</sup> PhD-equivalent degree, broadly recognized as a "doctorate" degree in Brazil

11. **Ritter AV.** Computer-Aided-Design/Computer-Aided-Manufactured adhesive restoration of molars with a compromised cusp: effect of fiber reinforced immediate dentin sealing and cusp overlap on fatigue strength - Commentary. *J Esthet Restor Dent* 2012;24(2):147.
12. **Ritter AV.** Clinical techniques: A review of posterior composites. *ADA Professional Product Review* 2011;6(4):3-8.
13. **Ritter AV,** Stevenson RG III. Clinical techniques: A review of posterior composites: A follow-up discussion. *ADA Professional Product Review* 2011;6(4):9-10.
14. **Ritter AV.** Direct esthetic restorations based on translucency and opacity of composite resins - Commentary. *J Esthet Restor Dent* 2011;23(2):88.
15. **Ritter AV.** Posterior Composites. *MetLife Quality Resource Guide*, 3<sup>rd</sup> edition, 2011, 22 pages
16. Sarrett D, Armstrong S, Hilton TJ, **Ritter AV.** ADA Professional Product Review Panel Discussion, Restorative Materials. *ADA Professional Product Review* 2010;5(2):13-16.
17. **Ritter AV.** Comparison of various resin composite shades and layering technique with a shade guide - Commentary. *J Esthet Restor Dent* 2010;22(2):125-126.
18. **Ritter AV,** Shugars DA, Bader JD. Root Caries Risk Indicators: A systematic review of risk models. *UNC School of Dentistry Dental Research in Review Proceedings* 2009:32 (abstract #47).
19. **Ritter AV.** Re-anatomization of anterior eroded teeth by stratification with direct composite resin - Commentary. *J Esthet Restor Dent* 2009;21(5):317.
20. Boushell LW, **Ritter AV.** Occlusion (Part 2 of 2). *J Esthet Restor Dent* 2008;20(6):412-413.
21. **Ritter AV.** Multiple cuspal-coverage direct composite restorations: functional and esthetic guidelines – Commentary. *J Esthet Restor Dent* 2008;20(5):309-312.
22. Boushell LW, **Ritter AV.** Talking with patients: Occlusion (Part 1 of 2). *J Esthet Restor Dent* 2008;20(5):349-350.
23. Boushell LW, **Ritter AV.** Talking with patients: Temporomandibular disorder. *J Esthet Restor Dent* 2008;20(4):282-283.
24. Padilla R, **Ritter AV.** Talking with patients: Oral cancer. *J Esthet Restor Dent* 2008;20(3):212-213.
25. Padilla R, **Ritter AV.** Meth mouth: methamphetamine and oral health. *J Esthet Restor Dent* 2008;20(2):148-149.
26. **Ritter AV,** Padilla R. Bisphosphonates and oral health. *J Esthet Restor Dent* 2008;20(1):74-75.
27. **Ritter AV.** Silicone index: an alternative approach for tooth fragment reattachment – Commentary. *J Esthet Restor Dent* 2007;19(5):246.
28. **Ritter AV,** Southerland JH. Talking with patients: Pregnancy and oral health. *J Esthet Restor Dent* 2007;19(6):373-334.
29. **Ritter AV,** Patton L. Talking with patients: HIV/AIDS and oral health. *J Esthet Restor Dent* 2007;19(5):297-298.
30. **Ritter AV.** Direct Pulp-Capping Performed by Dental Students has a Success Rate Close to 60%. Direct Capping of Carious Pulp Exposures is Significantly Less Successful (33%) than Direct Capping of Mechanical Pulp Exposures (92%). *J Evid Based Dent Pract* 2007;7(4):165-166.

31. Raj V, Macedo G, **Ritter AV** Longevity of posterior composite restorations. *J Esthet Restor Dent* 2007;19(1):3-5.
32. **Ritter AV**. Talking with patients: Heart diseases and oral health. *J Esthet Restor Dent* 2007;19(4):233-234.
33. **Ritter AV**. Talking with patients: Bleeding disorders and oral health. *J Esthet Restor Dent* 2007;19(3):178-179.
34. **Ritter AV**. Talking with patients: High blood pressure and oral health. *J Esthet Restor Dent* 2007;19(2):125-126.
35. **Ritter AV**. Talking with patients: Diabetes and oral health. *J Esthet Restor Dent* 2007;19(1):63-64.
36. **Ritter AV**. Posterior Composites: Definitions and material selection. *MetLife Quality Resource Guide*, 2<sup>nd</sup> edition, 2007, 13 pages.
37. **Ritter AV**. Posterior Composites: Placement Technique. *MetLife Quality Resource Guide*, 2<sup>nd</sup> edition, 2007, 12 pages.
38. **Ritter AV**. Talking with patients: Dental adhesives. *J Esthet Restor Dent* 2006;18(6):376-377.
39. **Ritter AV**. Talking with patients: Xerostomia (dry mouth). *J Esthet Restor Dent* 2006;18(5):306.
40. **Ritter AV**. Talking with patients: Halitosis. *J Esthet Restor Dent* 2006;18(4):229.
41. **Ritter AV**. Talking with patients: In-office tooth bleaching. *J Esthet Restor Dent* 2006;18(3):168-169.
42. **Ritter AV**. Talking with patients: Eating disorders and oral health. *J Esthet Restor Dent* 2006;18(2):114.
43. **Ritter AV**. Talking with patients: Lasers in dentistry. *J Esthet Restor Dent* 2006;18(1):58.
44. **Ritter AV**. Commentary - esthetic management of fused carious teeth: a case report. *J Esthet Restor Dent* 2006;18(1):18.
45. **Ritter AV**. Talking with patients: Microabrasion. *J Esthet Restor Dent* 2005;17(6):384.
46. **Ritter AV**. Talking with patients: Dental fluorosis. *J Esthet Restor Dent* 2005;17(5):326-327.
47. **Ritter AV**. Talking with patients: Tetracycline staining. *J Esthet Restor Dent* 2005;17(4):270.
48. Baratieri LN, **Ritter AV**, Swift EJ. Critical Appraisal: To bevel or not in anterior composites. *J Esthet Restor Dent* 2005;17(4):264-269.
49. **Ritter AV**. Talking with patients: Gingival recession. *J Esthet Restor Dent* 2005;17(3):196.
50. **Ritter AV**. Talking with patients: Bonded bridges. *J Esthet Restor Dent* 2005;17(2):135-136.
51. **Ritter AV**. Talking with patients: Periodontal disease. *J Esthet Restor Dent* 2005;17(1):67.
52. **Ritter AV**. Talking with patients: Diastema closure. *J Esthet Restor Dent* 2004;16(6):389.
53. **Ritter AV**. Talking with patients: Periodontal splinting. *J Esthet Restor Dent* 2004;16(5):329-330.
54. **Ritter AV**. Selection defines design – Commentary. *J Esthet Restor Dent* 2004;16(4):226.

55. **Ritter AV.** Impression matrix technique for cusp replacement using direct composite resin – Commentary. *J Esthet Restor Dent* 2004;16(4):234.
56. **Ritter AV.** Talking with patients: Dental trauma (avulsed teeth). *J Esthet Restor Dent* 2004;16(4):267-268.
57. **Ritter AV.** Talking with patients: Adhesive dentistry. *J Esthet Restor Dent* 2004;16(3):205.
58. **Ritter AV.** Talking with patients: All-ceramic crown. *J Esthet Restor Dent* 2004;16(2):144.
59. **Ritter AV.** Talking with patients: Dental caries. *J Esthet Restor Dent* 2004;16(1):76.
60. **Ritter AV.** Talking with patients: Dental amalgam. *J Esthet Restor Dent* 2003;15(5):319.
61. **Ritter AV.** Talking with patients: Fluoride varnishes. *J Esthet Restor Dent* 2003;15(4):256.
62. **Ritter AV.** Talking with patients: Over-the-counter tooth whitening. *J Esthet Restor Dent* 2003;15(3):188.
63. **Ritter AV.** Talking with patients: Chairside CAD/CAM in dentistry. *J Esthet Restor Dent* 2003;15(2):127.
64. **Ritter AV.** Talking with patients: Mechanical toothbrush. *J Esthet Restor Dent* 2003;15(1):63.
65. **Ritter AV, Nunes M.** Critical appraisal: Longevity of ceramic inlay/onlay restorations: Part II. *J Esthet Restor Dent* 2003;15(1):60-63.
66. **Ritter AV.** Posterior Composites: Definitions and Material Selection. MetLife Quality Resource Guide, 1<sup>st</sup> edition, 2002, 18 pages.
67. **\*Ritter AV.** Posterior Composites: Placement Technique. MetLife Quality Resource Guide, 1<sup>st</sup> edition, 2002, 15 pages.
68. **Ritter AV.** Talking with patients: Non-carious cervical defects. *J Esthet Restor Dent* 2002;14(6):380.
69. **Ritter AV, Nunes M, Swift EJ.** Critical appraisal: Longevity of ceramic inlay/onlay restorations: Part I. *J Esthet Restor Dent* 2002;14(6):377-379.
70. **Ritter AV.** Up and Running: Clinical trials test-drive new drugs and procedures. Interview with Tiffany Heady for UNC's Endeavor Magazine, Fall 2002. [http://research.unc.edu/endeavors/fall2002/clinical\\_trials.html](http://research.unc.edu/endeavors/fall2002/clinical_trials.html)
71. **Ritter AV.** Talking with patients: Root caries. *J Esthet Restor Dent* 2002;14(5):320.
72. **Ritter AV.** Talking with patients: Tooth-whitening toothpastes. *J Esthet Restor Dent* 2002;14(4):256.
73. **Ritter AV.** Talking with patients: Sealants. *J Esthet Restor Dent* 2002;14(3):192.
74. **Ritter AV.** Talking with patients: Light-curing. *J Esthet Restor Dent* 2002;14(2):128.
75. **Ritter AV.** Talking with patients: Porcelain veneers. *J Esthet Restor Dent* 2002;14(1):63.
76. **Ritter AV.** Critical Appraisal: Re-wetting agents for dentin bonding. *J Esthet Restor Dent* 2001;13(6):387-395.
77. **Ritter AV.** Talking with patients: Root canal treatment. *J Esthet Restor Dent* 2001;13(5):333-334.
78. **Ritter AV.** Talking with patients: Dental implants. *J Esthet Restor Dent* 2001;13(4):269-270.
79. **Ritter AV.** Talking with patients: Ceramic inlays. *J Esthet Restor Dent* 2001;13(3):208-209.
80. **Ritter AV.** Ask the experts: Enamel bonding. *J Esthet Restor Dent* 2001;13(3):153.

81. **Ritter AV.** Talking with patients: Posterior composite. *J Esthet Restor Dent* 2001;13(2):144.
82. **Ritter AV.** Talking with patients: Composite bonding. *J Esthet Restor Dent* 2001;13(6):396.
83. **Ritter AV.** MS Degree Dissertation: Analysis of Collagen Cross-Links and Dentin Bond Strengths as a Function of Acid-Etch, Re-Wetting Agents and Adhesive Resins. [Thesis] Chapel Hill, NC: University of North Carolina at Chapel Hill, March 2000, 105 pages.

## Teaching Activities

### Major Teaching and Administrative Responsibilities (Courses)

2019-present	Available upon request.
2014-2017	DENT105. Course Faculty, Dental Anatomy, DDS curriculum, UNC School of Dentistry. Fall, 120 h, 8 h/week, 80 students.
2000-2017	DENT112. Course Faculty (Assistant Course Director 2000-2005; did not teach 2008 and 2009 while on T-32 CRSP program), Conservative Operative Dentistry, DDS curriculum, UNC School of Dentistry. Spring, 154 h, 10 h/week, 80 students.
2000-2015	DH067. Guest Faculty, Dental Hygiene, Introduction to Operative Dentistry lecture, Spring, 3 h/semester, 40 students.
2000-2014	OPER790a-g. Course Director after 2003, Clinical Attending, Graduate Operative Dentistry Clinics, Graduate Program in Operative Dentistry, UNC School of Dentistry. Fall, Spring, and Summer, 4-8 h/week, 6-9 students.
2000-2014	OPER701a-c, formerly OPER201a-c. Course Director, Operative Dentistry Seminars I, II, and III, Graduate Program in Operative Dentistry, UNC School of Dentistry. Fall (701a and 701c) and Spring (701b), 1 h/week, 4-6 students.
2000-2014	OPER704a-b, formerly OPER204a-b. Course Director, Operative Dentistry Clinical Seminars I and II, Graduate Program in Operative Dentistry, UNC School of Dentistry. Spring, 1 h/week, 6-9 students.
2000-2014	DENG301a-b. Course Faculty (Course Director, Fall 2011), Interdisciplinary Care Conference, Advanced Education (AE) programs, UNC School of Dentistry. Fall, Spring, 1 h/biweekly, approximately 50 students.
2000-2014	DENT302. Course Faculty (Course Director 2005-09), Advanced Operative Dentistry, DDS curriculum, UNC School of Dentistry. Didactic and pre-clinical laboratory/simulation course, Fall, 60 h, 4 h/week, 80 students.
2011-2012	DENT111, Course Co-director, Prevention-Cariology, DDS curriculum, UNC School of Dentistry. Spring, 60 h, 2 h/week, 80 students.

- 2000 DENT105. Course Faculty, Dental Anatomy, DDS curriculum, UNC School of Dentistry. Fall, 120 h, 10 h/week, 80 students.
- 1997-2007 DENT232, DENT332, and DENT432. Course Faculty, Clinical Operative Dentistry, DDS curriculum, UNC School of Dentistry. Fall, Spring, Summer, approximately 4-8 h/week, 6-10 students, DDS students (2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year)
- 1997-2007 DENT241, DENT341, DENT441. Course Faculty, Treatment Planning Clinics, DDS curriculum, UNC School of Dentistry. Fall, Spring, Summer, approximately 4-8 h/week, 2-4 students, DDS students (2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year)
- 1992-1997 Course Faculty, Operative Dentistry didactical, pre-clinical laboratory, and clinical instruction. Graduate Program for a Certificate in Operative Dentistry, Department of Stomatology, Operative Dentistry Division, Federal University of Santa Catarina School of Dentistry, Florianópolis, SC, Brazil. Approximately 10 h/week, 10 students.
- 1995-1997 Course Faculty, Operative Dentistry didactic and pre-clinical laboratory and Operative Dentistry Clinic. Federal University of Santa Catarina School of Dentistry, Department of Stomatology, Operative Dentistry Division, Florianópolis, SC, Brazil. Approximately 15 h/week.

#### Predoctoral (DDS) Research Mentoring Projects Supervised

- 2004-2005 Influence of Storage Medium on Composite-to-Dentin Bond Strengths (completed, published), Anthony Nettey-Marbell  
Brauer Fellowship winner, UNC School of Dentistry

#### Postdoctoral (MS and PhD) Student Research Mentoring Projects Supervised

- 2014-2016 In Vitro Evaluation of Marginal Gaps in Posterior Composite Restorations using Optical Coherence Tomography, Adalberto Bastos de Vasconcellos (post-doc)
- 2013-2015 Yttrium Stabilized Zirconia as a Dental Crown Material, Taiseer Sulaiman (post-doc)
- 2012-2014 A Validation of Micro CT Technology and Evaluation of Methods to Chemically Arrest Active Root Caries, Clayton Rau
- 2012-2014 Comparative Evaluation of Four Porcelain Repair Systems, Upoma Guha
- 2013 Evaluation of the Gelation Time and Setting Time on Polyvinylsiloxane Putty Materials, Alex Delgado, Silvia Amaya-Pajares  
American Academy of Fixed Prosthodontics Annual Meeting, Chicago
- 2013 Provisional Implant Restoration and Gingival Control in Anterior Esthetic Implants, Fernando Astorga & Kristi Erickson  
Academy of Operative Dentistry Annual Meeting, Chicago

- 2013 Conservative Restoration of Fractured Posterior Teeth with Composite: Survival Rate of Direct Composite Restorations Compared to Fixed Restorations, Sumitha N. Ahmed  
 Academy of Operative Dentistry Annual Meeting, Chicago
- 2013 Inhibition of the Polymerization of Polyvinylsiloxane in the New Latex-Free Dentistry Era, Silvia Amaya-Pajares  
 Academy of Operative Dentistry Annual Meeting, Chicago
- 2013 Didactic and Computer-Based Interactive Training Module Improves Precise Preclinical Use of the Periodontal Probe, Sumitha N. Ahmed  
 ADEA Annual Meeting, Seattle
- 2013 Dentin Bond Strengths of a Universal Adhesive in Multiple Modes, Fernando Astorga  
 IADR Annual Meeting, Seattle
- 2013 Variability in Dentiform Teeth with Simulated Caries, Alex J. Delgado  
 IADR Annual Meeting, Seattle
- 2013 A Survey of Dental Practitioners Knowledge of Erosive Tooth Wear, Kristi Erickson  
 IADR Annual Meeting, Seattle
- 2013 Oral Moistures: Help or Harm? Alex J. Delgado & Vilhelm G. Olafsson  
 Thomas P. Hinman Dental Meeting, Atlanta
- 2013 Evaluation of the Gelation Time and Setting Time of Poly-vinyl Siloxane Putty Material, Alex J. Delgado & Silvia P. Amaya-Pajares  
 Thomas P. Hinman Dental Meeting, Atlanta
- 2013 The Risk of Dental Erosion in GERD Patients as Measured by the Basic Erosive Wear Examination, Kristi Erickson  
 The Digestive Disease Week, Orlando
- 2012 Multidisciplinary Approach of a Complicated Crown-root Fracture, Hiroko Nagaoka  
 2012 American Academy of Operative Dentistry Annual Meeting, Chicago
- 2012 Carolina Bridge, Fernando Astorga  
 2012 American Academy of Operative Dentistry Annual Meeting
- 2010 Caries risk evaluation: Correlation between chair-side, laboratory and clinical tests, Ayesha Swarn
- 2006 Curriculum of Applied Materials Sciences, Center for Teaching and Learning Future Faculty Fellowship Program, advisor, Erica C.N. Teixeira (PhD candidate)
- 2004-2007 Influence of Dental Unit Waterline Solutions on Composite-to-Dentin Bond Strengths, Eduardo Ghaname  
 The James A. Cottone Investigative Research Award from the Organization for Safety and Asepsis Procedures  
 Turner Research Award winner, Dental Research in Review Day
- 2004-2006 Marginal Adaptation, Microleakage, and Microhardness Evaluation of Composite Resins Cured Using Different Light-Curing Technologies; Marginal Adaptation, Microleakage, and Microhardness Evaluation of a New Low-Shrinkage Composite, Luiz A.F. Pimenta, post-doc visiting scholar,



- UNC School of Dentistry (University of Campinas - UNICAMP, São Paulo, Brazil)
- 2003-2005 Effect of Tray-Based and Tray-Less Tooth Whitening Systems on Microhardness of Enamel Surface and Subsurface; Microhardness of Light-Cured Composites After 6-years of Simulated Aging; Bond Strength of Self-Etching Bonding Systems in Combination with Various Composites used for Repairing Aged Composites; Misuse of Consumer Available Whitening Agents and the Effects on Enamel, Erica N. Teixeira, visiting scholar, UNC School of Dentistry
- 2003-2004 Enamel and Dentin Bond Strength of Self-Etching Primers and Adhesives, Roongkit R. Leehacharoenkul
- 2003 Bond Strengths and Adhesive Remnant Index of Self-Etching Adhesives used to Bond Brackets to Instrumented and Uninstrumented Enamel, Daltro E. Ritter, visiting scholar (Federal University of Santa Catarina, Florianópolis, Brazil)
- 2002-2008 Bonding to Fluorosed Teeth: Effect of Fluorosis on Effectiveness of Bonding, Mariela Quiroz, visiting scholar (University of Valparaiso, Chile)
- 2002-2003 Enamel and Dentin Bond Strengths of a New Self-Etching Dental Adhesive, Jónas Geirsson
- 2001-2003 Pulp Revascularization of Replanted Immature Dog Teeth After Treatment with Minocycline and Doxycycline Assessed by Laser Doppler Flowmetry, Radiography and Histology, Alessandra L.S. Ritter, DDS
- 2001-2002 Repairability of a Packable Resin-Based Composite Using Different Adhesives; Repair of Various Resin Based Materials with Different Techniques, Walter R. L. Dias
- 2001-2002 Bond Strengths of Composite Materials to Ca(OH)<sub>2</sub>-Treated Dentin, William Windley
- 2000-2001 Dentin Bond Strengths as a Function of Solvent and Glutaraldehyde Content, Cintia Bertoli
- 2000 Evaluation of the Effect of Vital Bleaching on the Surface Morphology of Amalgam Restorations, LeeAnn Morrow, visiting scholar (University of Manchester, UK)
- 1999-2000 Critical Appraisal: Longevity of Ceramic Inlay/Onlay Restorations, Mauro F. Nunes, DDS

Theses Directed (all for MS degree)

- 2009-2012 Clinical efficacy of a new protocol for caries control (completed), Ayesha Swarn
- 2008-2011 Comparison of Clinical and Digital Radiographic Detection of Occlusal and Proximal Dental Caries in Caries-Active Adults (completed, published), Mario Ramos
- 2007-2010 The influence of tooth age on the microtensile bond strength of different adhesive systems to dentin (completed, published), Greice Oliveira  
Freedland Advanced Dental Education Fellowship Award
- 2006-2009 Effect of decontamination solutions on the bond strengths of all-in-one adhesives to saliva-contaminated dentin (completed, published), Huma Sheik

- 2003-2006 Ann and G. Babcock Fellowship  
Effect of Instrumentation on Enamel Surface Texture and Marginal Integrity of Resin Composite Restorations (completed, published), Cristina Maresca  
2006 Turner Award winner, Dental Research in Review Day, UNC School of Dentistry
- 2004-2007 2006 AADR Bloc Travel Grant  
Correlation between Laser Fluorescence readings and caries in early occlusal caries in vitro, Eduardo Ghaname  
Ann and G. Babcock Fellowship

Other Thesis and Predoctoral Research Committees

- 2016-2018 Effect of Fatiguing and Thermocycling on the Mechanical and Optical Properties of Different Generations of Zirconia, Islam Abd Al-Raheem, MS thesis committee, Graduate Program in Operative Dentistry
- 2015-2017 Clinical comparison of wear characteristics of conventional and bulk fill resin composite over time, Eduard Epure, MS thesis committee, Graduate Program in Operative Dentistry
- 2014-2015 Evaluation of the Marginal Fit of CAD/CAM All Ceramic Crowns: An In-Vitro Study Using Micro-CT Technology, Christian Brenes, MS thesis committee, Graduate Program in Prosthodontics
- 2013-2016 Accuracy Evaluation of Intra-oral Optical Impressions: A Novel Approach  
Mohammad Atieh, MS thesis committee, Graduate Program in Operative Dentistry  
2014 Phillips Student Research Award Recipient, Academy of Operative Dentistry
- 2013-2016 Evaluation of Wear Behavior of Monolithic Ceramic Materials to Enamel  
Taneet Ghuman, MS thesis committee, Graduate Program in Operative Dentistry
- 2013-2016 Assessment of the Dentin Bond Strength Values of Resin Modified Glass Ionomer Restorative Material using Different In Vitro Test Methods  
Anmar Kensara, MS thesis committee, Graduate Program in Operative Dentistry
- 2012-2015 The Quality Of Fixed Prosthodontic Impressions: An Assessment Of Crown And Bridge Impressions Received At Commercial Laboratories  
Clayton Rau, MS thesis committee, Graduate Program in Operative Dentistry
- 2012-2015 Erosion Potential Of Well Water, Commercially Available Bottled Drinking Water, And Vegetable Juice, Upoma Guha, MS thesis committee, Graduate Program in Operative Dentistry
- 2012-2015 Effect of Composite Type And Placement Technique On Polymerization Shrinkage Stress, Vilhelm Olafsson, MS thesis committee, Graduate Program in Operative Dentistry

- 2011-2014 Effect of Mixed Alcohol Beverages on Microhardness and Weight Loss Measurement of Human Enamel, Silvia Amaya-Pajares, MS thesis committee, Graduate Program in Operative Dentistry
- 2011-2014 Evaluation of the Margin Integrity in Different Restorative Materials based on Instrumentation and Location, Alex Delgado, MS thesis committee, Graduate Program in Operative Dentistry
- 2010-2013 Utility of a Natural Cross-Linker, Genipin, For Dental Collagen Stabilization Hiroko Nagaoka, MS thesis, Graduate Program in Operative Dentistry
- 2010-2013 Evaluation of Ozone as an Antibacterial Agent on Streptococcus Mutans on Root Surfaces, Fernando Astorga, MS thesis committee, Graduate Program in Operative Dentistry
- 2009-2012 Influence Of Dentin Desensitizers On The Microtensile Bond Strengths Of “All-In-One” Adhesives To Dentin, Roopwant Kaur, MS thesis, Graduate Program in Operative Dentistry
- 2006-2009 Comparison among ACP, Fluoride and a Combination of ACP/ Fluoride and Their Ability to Remineralize White Spot Lesions *In Vitro*, Gustavo M.S. Oliveira, MS thesis committee, Graduate Program in Operative Dentistry NC TraCS (North Carolina Translational and Clinical Sciences, Institute)  
Award UL1RR025747 from the National Center for Research Resources
- 2005-2008 Assessment of Crown Width to Height Ratios, the Apparent Contact Dimension, Crown Angulation and the Existence of a Golden Proportion among an Orthodontically Treated Population, Vishnu Raj, MS thesis committee, Graduate Program in Operative Dentistry
- 2002-2005 Contribution of Collagen to Long-Term Bond Strength of Adhesives to Dentin Paula C.V. Yamazaki, MS thesis committee, Graduate Program in Operative Dentistry
- 1997-2000 The Effects of Glucose on Gingival Collagen Maturation In Vitro Arnold T. McClain, MS thesis, Graduate Program in Periodontology
- Not completed Surface Morphology by SEM of Enamel Treated with Over-The-Counter Bleaching Products, John B. Gouch, Jr, MS thesis committee, Graduate Program in Dental Hygiene

## Grants and Contracts

### Active

- 2015-2019 3M ESPE Grant “Clinical Investigation of a New Bulk Fill Composite Resin in the Restoration of Posterior Teeth” PI: Rick Walter, Investigator: AV Ritter  
2% effort  
Total award: \$101,506

Completed

- 2011-2014 Kerr Corporation Grant “Clinical evaluation of a New Two-Component Self-Etch Universal Adhesive” PI: AV Ritter 10-15% effort  
Total award: \$48,470
- 2006–2012 NIDCR Grant 5U01DE018048-01 “Xylitol Adult Caries Trial (X-ACT) UNC Clinical Center” PI: D Shugars, Investigator: AV Ritter 2% effort  
Total award: \$775,114
- 2005-2012 3M ESPE Grant “Clinical Evaluation of a New Low-shrink Resin Composite Restorative in the Restoration of Posterior Teeth (Clinical Trial)” PI: EJ Swift, Investigator AV Ritter 2% effort  
Total award: \$95,432
- 2005-2010 UNC School of Dentistry (Dept of Diagnostic Sciences) Grant “Nightguard Vital Bleaching: Safety and Stability at 5-15 Years (Clinical Trial)” PI: AV Ritter 5% effort  
Total award: N/A
- 2004-2005 2005 UNC Junior Faculty Development Award “In vitro Analysis of the Sealing Ability of Dental Restorative Materials: A Microbiological Investigation (In Vitro)” PI: AV Ritter 3% effort  
Total award: \$5,000
- 2004-2005 2004 University Research Council (URC) Small Grant “Marginal Adaptation, Microleakage, and Microhardness Evaluation of Composite Resin Restorations placed using Different Light-Curing Technologies (In Vitro)” PI: AV Ritter 5% effort  
Total award: \$4,000
- 2003-2004 American Academy of Esthetic Dentistry Grant “In Vitro Analysis of the Sealing Ability Of Dental Restorative Materials: A Microbiological Investigation (In Vitro)” PI: AV Ritter 5% effort  
Total award: \$5,000
- 2002-2006 Heraeus Kulzer Grant “Clinical Evaluation of a New All-in-One Adhesive (Clinical Trial)” PI: AV Ritter 8% effort  
Total award: \$56,000
- 2002-2003 Heraeus Kulzer Grant “Repair of Various Resin Based Materials with Different Techniques (In Vitro)” PI: AV Ritter 3% effort  
Total award: \$5,400
- 2002-2003 Dentsply Professional Grant “Clinical Evaluation of a Fluoride Varnish for Cervical Dentin Hypersensitivity (Clinical Trial)” PI: AV Ritter 8% effort  
Total award: \$51,454
- 2001-2002 Heraeus Kulzer Grant “Enamel and Dentin Bond Strengths of a New Self-Etching Dental Adhesive (In Vitro)” PI: AV Ritter 3% effort

- 1999-2000 Total award: \$8,700  
Ultradent Products Grant “Clinical and Radiographic Evaluation of Vital-Bleaching Patients (Clinical Trial)” PI: AV Ritter 10% effort
- 2005-2009 Total award: \$10,870  
Bisco Grant “Clinical Evaluation of New Total-Etch and Self -Etch Dental Adhesives (Clinical Trial)” PI: HO Heymann, Investigator: AV Ritter 2% effort
- 2005-2008 Total award: \$70,864  
The Procter & Gamble Company Grant “A Clinical Study to Assess Use of Stannous Fluoride Hexametaphosphate Dentifrice with Restorative Dentistry (Clinical Trial)” PI: EJ Swift, Investigator: AV Ritter 2% effort
- 2004–2006 Total award: \$50,000  
NIDCR R21-DE016137 Grant “Planning Grant for Xylitol Trial in Caries-Active Adults (Clinical Trial)” PI: J Bader, Investigator: AV Ritter 2% effort
- 2004–2005 Total award: \$246,106  
The Procter and Gamble Company Grant “A Clinical Trial to Evaluate the Safety and Whitening Efficacy of an Experimental Tooth Bleaching Gel Compared to a Placebo (Clinical Trial)” PI: EJ Swift, Investigator: AV Ritter 2% effort
- 2003-2005 Total award: \$49,953  
Tokuyama America, Inc. Grant “Clinical Evaluation of a Self-Etching Adhesive and A Flowable Composite for Class V Restoration (Clinical Trial)” PI: PNR Pereira, Investigator: AV Ritter 2% effort
- 2002–2006 Total award: \$43,568  
Dentsply Caulk Grant “Clinical Evaluation of a Two-Component Self-Etching Adhesive and Hybrid Composite (Clinical Trial)” PI: EJ Swift, Investigator: AV Ritter 2% effort
- 2002-2002 Total award: \$75,000  
Colgate-Palmolive Company Grant “Comparative Investigation of Tooth Whitening Efficacy of Colgate Enzyme Whitening Toothpaste and Colgate Sensation Whitening Toothpaste to that of Non-whitening Control Toothpaste (Clinical Trial)” PI: HO Heymann, Investigator: AV Ritter 2% effort
- 2001-2002 Total Award: \$46,200  
The Procter and Gamble Company Grant “Efficacy and Safety of Crest Whitestrips Relative to Other Marketed Bleaching systems (Clinical Trial)” PI: EJ Swift, Investigator: AV Ritter 3% effort
- Total award: \$163,914

- 2001 DMG Hamburg Grant “In Vitro Evaluation of the Accuracy of Honigum®  
Impression Material on Triple-tray Impressions” PI: JY Thompson,  
Investigator: AV Ritter 1% effort  
Total award: N/A
- 2000-2001 The Procter and Gamble Company Grant “Clinical Evaluation of a New  
Improved Whitening Agent (White Strips) (Clinical Trial)” PI: EJ Swift,  
Investigator: AV Ritter 2% effort  
Total award: \$72,000
- 2000 The Procter and Gamble Company Grant “Clinical Evaluation of a Novel  
5.3% Hydrogen Peroxide Whitening Agent (White Strips) (Clinical Trial)” PI:  
EJ Swift, Investigator: AV Ritter 2% effort  
Total award: \$75,000

Approved but not Funded

- 2010 NIDCR proposal 1 R03 DE022072-01 “Root Caries Prediction Using Risk  
Models,” PI: AV Ritter and J Preisser, impact/priority score: 49
- 2012 NIDCR proposal 1 R34 DE022384-01A1 “Clinical Trial of CPP-ACP for  
Adult Caries Prevention,” PI: AV Ritter, impact/priority score: 31

**Professional Service**

New York University

*Chair*

2020-present Curriculum Committee, NYU Dentistry

*Member*

2021-present Appointments, Promotions and Tenure Committee, NYU Dentistry

2021-present Awards and Prizes Committee, NYU Dentistry

2020-present Diversity, Equity and Inclusion Task Force, NYU Dentistry

2019-present Curriculum Committee, NYU Dentistry

2019-present Executive Management Council, NYU Dentistry

2019-present Institutional Effectiveness Committee, NYU Dentistry

2019-present Senior Academic Leadership Team (SALT), NYU Dentistry

2019-present Educational Technology Committee, NYU Dentistry

2019-present Radiation Safety Committee, NYU Dentistry

2019-present Clinical Affairs Committee, NYU Dentistry

2019-present Infection Control Committee, NYU Dentistry

2019-present Digital Dentistry Committee, NYU Dentistry

University of North Carolina at Chapel Hill

*Chair*

2018-2019 Strategic Plan Priority Teams task force, School of Dentistry  
2018-2019 Search Committee for position # 00033255, Director of Clinical Compliance, School of Dentistry  
2018-2019 Search Committee for Associate Dean for Clinical Affairs, School of Dentistry (secondary appointment, no position number).  
2018-2019 School of Dentistry Administrative Board  
2017-2019 Epic/Wisdom Implementation Steering Committee, School of Dentistry (co-chair)  
2016-2019 Mentoring Team for Angela Broome, Clinical Associate Professor, Department of Diagnostic Sciences, School of Dentistry  
2017-2018 Big Ideas task force, School of Dentistry  
2015-2017 Search Committee for position #20007714, Dental Assistant, Department of Operative Dentistry, School of Dentistry  
2015-2017 Promotion and Tenure Advisory Committee, School of Dentistry  
2016-2017 Search Committee for position #FAC0001641, Chair, Department of Prosthodontics, School of Dentistry  
2014-2016 Mentoring Team for Ibrahim Duqum, Clinical Assistant Professor (promoted to Clinical Associate Professor), Department of Prosthodontics, School of Dentistry  
2014-2015 General Dentistry Advisory Board Committee, School of Dentistry  
2013-2015 Mentoring Team for Derek Duggan, Assistant Professor, Department of Endodontics, School of Dentistry  
2000-2014 Operative Dentistry Advanced Education Program Admissions and Performance Review Committees, School of Dentistry  
2012-2014 Mentoring Team for Cynthia Lambert, Clinical Assistant Professor, Department of Dental Ecology, School of Dentistry

*Member*

2018-2019 Health Innovation and Strategy Working Group, UNC Health Affairs Schools  
2017-2019 School of Dentistry Intranet Working Group  
2015-2019 Dr. Shizuko Yamauchi Endodontics Graduate Student Award Selection Committee  
2016-2019 Mentoring Team for Jennifer Harmon, Clinical Assistant Professor, Department of Dental Ecology, Dental Hygiene Program, School of Dentistry  
2015-2019 Fee Committee (Ad Hoc)

2015-2019 Materials Selection Committee  
2014-2019 DDS Academic Performance Committee  
2012-2019 Curriculum Revision Steering Committee, Evidence Based Dentistry, Critical Thinking, and Research Workgroup (Ad Hoc), School of Dentistry  
2011-2019 Curriculum Committee, School of Dentistry  
2010-2019 Administrative Board, School of Dentistry  
2017 2017 UNC School of Dentistry Strategic Planning Advisory Committee  
2017 Post-tenure Review Committee for Jim Beck, Professor, Department of Dental Ecology, School of Dentistry (Ad Hoc)  
2015-2017 Health Sciences Advisory Committee (HSAC)  
2015-2017 2017 Accreditation Clinical Sciences Committee, School of Dentistry (Ad Hoc)  
2015-2017 Mentoring Team for Flavia Teles, Research Associate Professor, Department of Periodontology, School of Dentistry  
2013-2017 ICE Project, User Interface Working Group (Ad Hoc), School of Dentistry  
2011-2017 Faculty Development Committee, School of Dentistry  
2013-2015 Compensation Incentive Committee, School of Dentistry  
2013-2014 General Dentistry Advisory Board Committee, School of Dentistry  
2013-2014 Search Committee for Assistant Dean for Financial Affairs (Ad Hoc), School of Dentistry  
2013 Administrative Review (Ad Hoc), Emile Rossouw, Chair, Department of Orthodontics  
2012-2013 Search Committee for Cariology Faculty Position (Ad Hoc), School of Dentistry  
2000-2010 Graduate Operative Dentistry Admissions and Performance Review Committees, School of Dentistry  
2012-2013 Dr. John Ludlow's Post-tenure Review Committee (Ad Hoc), School of Dentistry  
2010 Department of Periodontology Promotion Review Committee (Ad Hoc), School of Dentistry  
2009-2010 Search Committee for Dean of the School of Dentistry (Ad Hoc)  
2008-2010 Curriculum Revision Steering Committee, Pre-clinical Education Workgroup (Ad Hoc), School of Dentistry  
2008-2010 2010 Accreditation Clinical Sciences Committee (Ad Hoc), School of Dentistry  
2006 Search Committee for Assistant/Associate Professor position in the Department of Operative Dentistry, Division of Dental Materials (Ad Hoc), School of Dentistry  
2006 Faculty Evaluations Committee (Ad Hoc), School of Dentistry  
2005-2011 Teaching Committee, School of Dentistry



2005-2007	Medical School Investigations Involving Human Subjects Committee (Biomedical IRB), Office of Human Research Ethics
2005	Search Committee for Assistant/Associate Professor position in the Department of Operative Dentistry (Ad Hoc), School of Dentistry
2004-2007	Research Advisory Committee, School of Dentistry
2003-2005	Investigations Involving Human Subjects Committee (Dental IRB), School of Dentistry
2003	Dental Research and Review Day, Awards Committee, School of Dentistry
2003	Search Committee for Department of Pediatric Dentistry Chair position (Ad Hoc), School of Dentistry
2002-2003	2003 Accreditation Subcommittee on Faculty and Staff (Ad Hoc), School of Dentistry
2001-2007	Infection Control Committee, School of Dentistry
2002	Student Table Clinics, Judging Committee, School of Dentistry

State/National/International (Dentistry)

*Chair*

2014	Topic Leader, 2014 National Dental Practice Based Research Network South Central Region Annual Meeting, Birmingham, AL, March 7-8
2013	Session Chair, 60 <sup>th</sup> ORCA Congress, Liverpool, UK, July 3-6
2013	Session Moderator, 5 <sup>th</sup> International Congress on Adhesive Dentistry, Philadelphia, PA, June 14
2007	Oral Session, 85 <sup>th</sup> General session of the IADR, New Orleans, LA, March 23
2006	Oral Session, 35 <sup>th</sup> General Session of the AADR, Orlando, FL, March 10
2004	Poster Discussion Session, 82 <sup>nd</sup> General Session of the IADR, Honolulu, Hawaii, March 09
2000	Oral Session, 78 <sup>th</sup> General Session of the IADR, Washington DC, March 07

*Member*

2021-present	ADEA Leadership Institute Alumni Association Advisory Board
2019	American Academy of Esthetic Dentistry (AAED) session moderator at the 2019 AAED Annual Meeting
2015-2018	Academy of Operative Dentistry (AOD) Research Committee
2015-2018	American Dental Association Foundation Dr. Ray Bowen Student Research Award selection committee (as part of the AOD Research Committee functions)
2017	American Academy of Esthetic Dentistry (AAED) poster review judge at the 2017 AAED Annual Meeting
2016	Dental Materials Group abstracts review panel for the 2017 IADR/AADR/CADR Annual Meeting & Exhibition

- 2015 Dental Materials Group abstracts review panel for the 2016 AADR/CADR Annual Meeting & Exhibition
- 2010 Cariology Group abstracts review panel for the 2010 IADR/AADR Annual Meeting & Exhibition
- 2005 Dental Materials Group IV (Clinical Trials) abstracts review panel for the 2006 General Session of the AADR
- 2005 UNC School of Dentistry representative, Consortium of Operative Dentistry Educators (CODE) annual meeting, Region VI (South), November 2-4, Nashville, TN
- 2002 Dental Materials Group VI (Polymer Materials – Mechanical Properties and Degradation) abstracts review panel for the 2003 AADR General Session of the
- 2001 UNC School of Dentistry representative, CODE annual meeting, Region VI (South), October 24-26, Lexington, KY
- 2000 UNC School of Dentistry representative, CODE annual meeting, Region VI (South), October 25-27, Birmingham, AL

#### Service and Engagement Activities

- 2018 Faculty Advisor, 2018 ADEA Summer Program for Emerging Academic Leaders, Washington DC, July 11-14
- 2018 Table leader, The National Dental Practice Based Research Network Symposium/Workshop Advancing Research to Integrate Medical and Dental Care, AADR meeting, Fort Lauderdale, FL
- 2015-2017 Faculty advisor, Egypt Project
- 2015-2019 Faculty advisor, The Singulums
- 2011-2019 Reviewer of dental education resources, MedEdPORTAL
- 2005-2019 Participant, Hypodontia Intervention Program (HIP), UNC School of Dentistry
- 2001-2019 Facilitator, DENT 400 DISC Rotations Program between UNC School of Dentistry and the Federal University of Santa Catarina School of Dentistry, Florianópolis, SC, Brazil
- 2000-2019 Clinical Instructor, Student Health Action Clinic (SHAC) Dental Clinic, Carrboro, NC
- 2015 External Examiner, Dr. Deepak Arora's thesis defense (Effect of Non-thermal Plasma on The Bond Strength of Orthodontic Brackets to Enamel: An In Vitro Study), MSc candidate in Craniofacial Science/Orthodontics, University of British Columbia, Vancouver, BC, Canada, August 2015
- 2015 External Examiner, National University of Singapore Faculty of Dentistry DDS Program, Singapore, May 2015
- 2014-2017 Consultant, Naval Postgraduate Dental School, Bethesda, MD

2014 Faculty Supervisor/Preceptor, HDA/ENNEAD Free Clinic, March  
2010 Faculty Advisor, UNC Nepal Project, July-August 2010  
2006 Chair, Conference of Operative Dentistry Educators (CODE) regional meeting, Chapel Hill, NC, October 25-27

Peer Review Journals and Editorial Boards (spans 2000 – present)

*Manuscript Reviewer:*

Journal of Prosthetic Dentistry, Acta Biomaterialia, Journal of Investigative and Clinical Dentistry, International Journal of Dentistry, Caries Research, Restorative Dentistry and Endodontics, Acta Odontologica Scandinavica, Revista Portuguesa de Estomatologia, Medicina Dentária e Cirurgia Maxilofacial (Portugal), Oral Diseases, Journal of Dental Hygiene, Photomedicine and Laser Surgery, Clinical Oral Investigations, Community Dentistry and Oral Epidemiology, European Journal of Dentistry, Journal of Biomedical Materials Research: Part B - Applied Biomaterials, Journal of Adhesive Dentistry, Journal of Evidence-Based Dental Practice, Journal of Dental Research, The Journal of Contemporary Dental Practice, Journal of Oral Rehabilitation, The Angle Orthodontist The Journal of The American Dental Association, Dental Traumatology, Archives of Oral Biology, Odontology, American Journal of Dentistry, Lasers in Surgery and Medicine

*Editorial/Scientific Board Member and Manuscript Reviewer:*

Journal of Dental Science, Journal of Applied Oral Science, Operative Dentistry, Journal of Esthetic and Restorative Dentistry, formerly Journal of Esthetic Dentistry (Blackwell Munksgaard, previously BC Decker), The American Journal of Esthetic Dentistry (Quintessence), Dental Traumatology

*Assistant Editor*

2000-2010 *Journal of Esthetic and Restorative Dentistry*, formerly *Journal of Esthetic Dentistry* (Wiley, previously Blackwell Munksgaard and BC Decker)

*Associate Editor*

2021-present *Associate Editor for Operative Dentistry, Journal of Esthetic and Restorative Dentistry* (Wiley)

Other Editorial and Reviewer Roles

2000-2011 Coordinating editor and reviewer, *Practical Reviews in Cosmetic Dentistry* (Oakstone Medical Publishing)  
2000-2010 Biomedical Research Council, Singapore

Society Memberships (selected)

2020-present New York State Dental Society (NYS)  
2016-present American Academy of Esthetic Dentistry (associate member)  
2013-present Omicron Kappa Upsilon Honorary Dental Society, Upsilon Upsilon Chapter  
2011-present ADEA Leadership Institute Alumni Association  
2010-present American Dental Education Association (ADEA #143115)  
2010-present International College of Dentists  
2009-present European Organization of Caries Research (ORCA, #633)  
2006-present Third District Dental Society (NC)  
2002-present American Dental Association (ADA #292001241)  
1997-present International Association for Dental Research (IADR #21461)  
1997-present American Association for Dental Research (AADR #21461)  
1997-present Academy of Operative Dentistry  
2002-2020 North Carolina Dental Society