

Heiko Spallek — Curriculum Vitae
The University of Sydney School of Dentistry

ORCID: 0000-0001-6865-4818 Scopus: 6602133029

EDUCATION and TRAINING

GRADUATE:

09/1988-06/1993	Humboldt University, School of Dentistry, Berlin (Charité), Germany	DMD, 1993
09/1990-06/1993	Humboldt University, School of Dentistry, Berlin (Charité), Germany	Dr. med. dent., Dental Material Sciences, 29 Oct 1993
09/1997-06/2000	Temple University, The Fox School of Business, Philadelphia, PA, USA	MSBA, Computer and Information Science, 2000

APPOINTMENTS and POSITIONS

ACADEMIC:

09/1993-06/1996	Humboldt University, School of Dentistry, Department of Periodontology, Berlin (Charité), Germany	Assistant Professor
07/1996-12/2001	Temple University, School of Dentistry, Department of Dental Informatics, Philadelphia, PA	Assistant Professor
10/1997-12/2001	University of Pittsburgh, Center for Biomedical Informatics, Pittsburgh, PA	Affiliated Faculty
01/2002-06/2010	University of Pittsburgh, School of Dental Medicine, Center for Dental Informatics, Pittsburgh, PA	Assistant Professor
11/2005-06/2016	University of Pittsburgh, School of Information Sciences, Pittsburgh, PA	Secondary Appointment
12/2006-06/2016	University of Pittsburgh, Department of Biomedical Informatics, Pittsburgh, PA	Secondary Appointment
11/2008-06/2016	University of Pittsburgh, Clinical and Translational Science Institute, Pittsburgh, PA	Secondary Appointment

02/2008-06/2016	University of Pittsburgh	Graduate faculty member
07/2010-02/2016	University of Pittsburgh, School of Dental Medicine, Department of Dental Public Health, Pittsburgh, PA	Associate Professor
11/2010-06/2016	University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA	Associate Dean for Faculty Affairs and Information Management
03/2014-02/2016	Center for Informatics in Oral Health Translational Research, University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA	Executive Director
02/2016-12/2020	University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA	Adjunct faculty
02/2016-01/2018	The University of Sydney, Faculty of Dentistry	Professor, Pro-Dean
02/2018-10/2018	The University of Sydney, Faculty of Dentistry	Acting Dean
11/2018-present	The University of Sydney School of Dentistry, Faculty of Medicine and Health	Head of School and Dean
02/2019-present	The University of Sydney, Faculty of Medicine and Health	Academic Lead, Digital Health and Health Service Informatics
09/2020-present	Osaka Dental University, Osaka, Japan	Honorary Visiting Professor

NON-ACADEMIC:

06/1993-present	spallek.com, Pty Ltd., ABN: 52614930577	Director, Owner
11/2021-present	Strata Committee, Strata Plan 86684, Antias, 1 Distillery Drive, Pyrmont, NSW	Secretary
06/2022-present	Community Connections Australia, Parramatta NSW	Director

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

German Society for Periodontology	1993-2002
The Institute of Electrical and Electronics Engineers	1996-2017
American Medical Informatics Association	1996-present

American Dental Education Association	1996-present
International Medical Informatics Association's Working Group 11, Dental Informatics	1997-present
National Association for Photoshop Professionals	2004-2016
Associate Member of the American Dental Association	2007-present
BioCommunications Association	2008-2016
American Association for Dental Research	2009-present
ADEA Leadership Institute Alumni Association	2011-present
American Association of Medical Colleges, Group on Information Systems	2012-present
Australian Dental Association	2016-present
Health Informatics Society of Australia	2019-2020
Australasian College of Health Informatics	2019-2020
Australasian Institute of Digital Health	2020-present
Member (ACODS representative), Universities Australia's Health Professions Education Standing Group	2021-present

HONOURS & AWARDS

Talents Department of the Friedrich Naumann Endowment, Germany	1990-1993
Dean's Certificate of Excellence for outstanding academic achievement in the Master of Science Business Administration Program (Richard J. Fox School of Business and Management, Temple University, Philadelphia, PA)	2000
Honorable Mention: Software Competition "2001 Instructional Computing in Dentistry" (American Dental Education Association)	2001
Fellow of the ADEA Leadership Institute	2010
Elected member, Beta Chapter, Omicron Kappa Upsilon Honour Dental Society	2010
Induction into the American College of Dentists	2012
Telemedicine on Demand: Working Together to Avoid an Unnecessary ER Visit. Winner in the People's Choice Competition of the American Telemedicine Association	2012
Member, International College of Dentists	2017
Fellow, Australasian Institute of Digital Health (formerly Australasian College of Health Informatics)	2019
International College of Dentists Award for Community Oral Health: Reducing hospital acquired pneumonia through best evidence oral hygiene: A multi-modal intervention for nurses in aged care wards (with M. McNab, T. Skapetis, K. Curtis)	2019

Westmead Redevelopment Photography Competition, 2 nd place	2020
Mentor, Franklin Women Mentoring Program	2020
Graduate, Australian Company Director Course, Australian Institute of Company Directors	2021

PUBLICATIONS

1. Peer-reviewed articles

1. **Spallek, H**, Deschner, J. [Bone transplants and implants. Glossary for the dental practice] in German. Parodontologie. 1995;4;331-336.
2. **Spallek H**, Gougousoudis A. [Data super highways for the dentist? – The use of contemporary communication channels in dentistry] in German. Quintessenz. 1995;46(4):551-61.
Spallek, H, Gougousoudis, A: ¿Superautopistas de datos para el odontólogo?: aprovechamiento de los modernos medios de comunicación en odontología. Quintessence Vol 9, 1996, 4: 271-278
3. **Spallek H**, Gougousoudis A. [Use of modern data transmission for information exchange in dentistry] in German. Parodontologie. 1995;1:41-50.
4. **Spallek H**, Gougousoudis A, Johnson WW. Scientific data-exchange in periodontology via internet. J Clin Periodontol. 1996;5:497-504.
5. **Spallek H**, Arnold L, Kleber B-M. [Computer learning applications for periodontology via the Internet] in German. Dtsch Zahnarztl Z 52. 1997;7:483-7.
6. Schleyer T, **Spallek H**, Arsalan M. Dental resources on the world wide web. MD Comput. 1998 July;15(4):252-5,265.
7. **Spallek H**, Freigang B. [Effective searching on the Internet] in German. Laryngo-Rhino-Otol. 1998;77:347-51.
8. Schleyer TK, **Spallek H**, Torres-Urquidy MH. A profile of current Internet users in dentistry. J Am Dent Assoc. 1998 December;129(12):1748-53.
9. **Spallek H**, Spallek G. [Effective use of medical-scientific internet resources] in German. Ophthalmologie, Journal of the German Ophthalmologic Society. 1999;96(11):741-8.
10. **Spallek H**, Schleyer TK. Internet basics. J Am Coll Dent. 1999;66(2):6-15.
11. **Spallek H**, Schleyer TK. Educational implications for copyright in a digital world. J Dent Educ. 1999 September;63(9):673-81.
12. **Spallek H**, Berthold P, Shanley DB, Attstrom R. Distance education for dentists: improving the quality of online instruction. The American Journal of Distance Education. 2000;14(2):49-59.
Spallek, H, Berthold, P, Shanley, DB, Attstrom, R: Distance education for dentists: Improving the quality of online instruction. In: Distance education in the health sciences. Moore, MG, Savrock, JT, editors. University Park (PA): American Center for the Study of Distance Education, Pennsylvania State University; 2001. p. 98-106.

13. Schleyer T, **Spallek H**. Dental informatics. A cornerstone of dental practice. *J Am Dent Assoc*. 2001 May;132(5):605-13.
14. Schleyer T, **Spallek H**. An evaluation of five dental Internet portals. *J Am Dent Assoc*. 2002 February;133(2):204-12.
15. **Spallek H**, Pilcher E, Lee JY, Schleyer T. Evaluation of web-based dental CE courses. *J Dent Educ*. 2002 March;66(3):393-404.
16. Spallek H. Information retrieval on the Internet: a guide for dental practitioners. *Dent Clin North Am*. 2002 July;46(3):435-62.
17. Oliver R, Paganelli C, Cerny D, Gravert C, Klinge B, Kordass B, Johnson L, O'Keefe J, Onisei D, Podesta MT, Schleyer T, **Spallek H**. 4.3 Towards a global superstore of quality-assured modularized learning programmes. *Eur J Dent Educ* 2002;6 Suppl 3:147-51.
18. Schleyer TK, **Spallek H**, Bartling WC, Corby P. The technologically well-equipped dental office. *J Am Dent Assoc*. 2003 January;134(1):30-41.
19. **Spallek H**. A resource guide for practice development through technology. *J Am Dent Assoc*. 2004 October;135:38S-44S.
20. **Spallek H**. Adaptive hypermedia: a new paradigm for educational software. *Adv Dent Res*. 2003 December;17:38-42.
21. **Spallek H**, Etzel KR, Maher BS. Dental school applicants' use of website information during the application process. *J Dent Educ*. 2005 December;69(12):1359-67.
22. Schleyer TK, Thyvalikakath TP, **Spallek H**, Torres-Urquidy MH, Hernandez P, Yuhaniak J. Clinical computing in general dentistry. *J Am Med Inform Assoc*. 2006;13(3):344-52.
23. Corby PM, Schleyer T, **Spallek H**, Hart TC, Weyant RJ, Corby AL, Bretz WA. Using biometrics for participant identification in a research study: a case report. *J Am Med Inform Assoc*. 2006 March;13(2):233-5.
24. Schleyer T, **Spallek H**, Hernandez P. A qualitative investigation of the content of dental paper-based and computer-based patient record formats. *J Am Med Inform Assoc*. 2007;14(4):515-26.
25. **Spallek H**, Irwin JY, Schleyer T, Butler BS, Weiss PM. Supporting the emergence of dental informatics with an online community. *Int J Comput Dent*. 2007 July;10(3):247-64.
26. Yuhaniak IJ, Fernando S, Schleyer T, **Spallek H**. Speech recognition in dental software systems: features and functionality. *Medinfo 2007*;12(Pt 2):1127-31, PMID: 17911891
27. **Spallek H**, Butler BS, Schleyer TK, Weiss PM, Wang X, Thyvalikakath TP, Hatala CL, Naderi RA. Supporting emerging disciplines with e-communities: needs and benefits. *J Med Internet Res*. 2008;10(2):e19. doi:10.2196/jmir.971
28. Schleyer T, **Spallek H**, Butler BS, Subramanian S, Weiss D, Poythress ML, Rattanathikun P, Mueller G. Facebook for scientists: requirements and services for optimizing how scientific collaborations are established. *J Med Internet Res*. 2008;10(3):e24.
29. **Spallek H**, O'Donnell J, Yoo YI: Preparing Faculty Members for Significant Curricular Revisions in a School of Dental Medicine. *J Dent Educ*. 2010;74(3): 275-288

30. Song M, **Spallek H**, Polk D, Schleyer T, Wali T. How information systems should support the information needs of general dentists in clinical settings: suggestions from a qualitative study. *BMC Medical Informatics and Decision Making*. 2010; 10(7)
31. **Spallek H**, O'Donnell J, Clayton M, Anderson P, Krueger A. Paradigm shift or annoying distraction – emerging implications of Web 2.0 for clinical practice. *Appl Clin Inf* 2010; 1: 96–115 DOI: 10.4338/ACI-2010-01-CR-0003, PMID: 23616830
32. **Spallek H**, Song M, Polk DE, Bekhuis T, Frantsve-Hawley J, Aravamudhan K. Barriers to implementing evidence-based clinical guidelines: A survey of early adopters *The Journal of Evidence-Based Dental Practice* (2010)4, 195-206. doi: 10.1016/j.jebdp.2010.05.013
33. Irwin JY, Schleyer T, **Spallek H**: The dental informatics online community. *Bioinformatics* 5(7): 307-309 (2011)
<http://www.bioinformatics.net/005/007000052011.pdf>
34. Schleyer TK, Butler BS, Song M, **Spallek H**. Conceptualizing and Advancing Research Networking Systems. *ACM Transactions on Computer-Human Interaction*. (19) 1:1073-0516, 2012. <http://doi.acm.org/10.1145/2147783.2147785>
35. Irwin JY, Thyvalikakath T, **Spallek H**, Wali T, Kerr AR, Schleyer T. English and Spanish oral cancer information on the Internet: a pilot surface quality and content evaluation of oral cancer Web sites. *Journal of Public Health Dentistry*. (71) 2:106-16, 2011. DOI: 10.1111/j.1752-7325.2010.00207.x, PMID: 21774133
36. Brodie A, Crow H, Eber R, Handysides R, Hoxea R, Kiat-amnuay, **Spallek H**. Evaluating Postdoctoral Dental Candidates: Exploring A National Qualifying Examination. *J Dent Educ*. 2011;75(6):719-725
37. Bekhuis T, Kreinacke M, **Spallek H**, Song M, O'Donnell JA. Using natural language processing to enable in-depth analysis of clinical messages posted to an Internet mailing list: a feasibility study. *J Med Internet Res*. 2011;13(4):e98. DOI:10.2196/jmir.1799 PMID: 22112583
38. Sharma N, Butler B, Irwin J, **Spallek H**. Emphasizing Social Features in Information Portals: Effects on New Member Engagement. *Journal of the American Society for Information Science and Technology*. 2011: 62(11)
39. Schleyer TK, Thyvalikakath TP, **Spallek H**, Dziabiak MP, Johnson LA: From Information Technology to Informatics: The Information Revolution in Dental Education. *J Dent Educ*. 2012;76 142-153
40. Oakley M, **Spallek H**. Social Media in Dental Education: A Call for Research and Action. *J Dent Educ*. 2012;76(3) 279-287
41. Rindal D, Rush W, Schleyer TK, Kirshner M, Boyle R, Thoele M, Asche S, Thyvalikakath TP, **Spallek H**, Durand E, Enstad C, Huntley C. Computer-assisted guidance for tobacco counseling in dental offices - A cluster-randomized clinical trial. *American Journal of Preventive Medicine*. 2013;44(3) 260–264
42. O'Donnell JA, Modesto A, Oakley M, Polk DE, Valappil B, **Spallek H**: Sealants and dental caries: Insight into dentists' behaviors regarding implementation of clinical practice recommendations. *J Am Dent Assoc*. 2013 Apr;144(4):e24-30. PMID: 23543700
43. Horvath Z, O'Donnell JA, Johnson LA, Karimbux NY, Shuler CF, **Spallek H**: Use of Lecture Recordings in Dental Education: Assessment of Status Quo and Recommendations. *J Dent Educ*, 2013 Nov;77(11):1431-42

44. Oakley M, Horvath Z, Weinberg S, Bhatt J, **Spallek H**: Comparison of E-Mail Communication Skills Among First- and Fourth-Year Dental Students. *J Dent Educ*, 2013 Nov;77(11):1413-24. PMID: 24192406
45. Song M, O'Donnell JA, Bekhuis T, **Spallek H**: Are dentists interested in the oral-systemic disease connection? A qualitative study of an online community of 450 practitioners. *BMC Oral Health*. 2013 Nov 21;13(1):65. PMID: PMC3924341. [**Highly accessed article**; also featured in *British Dental Journal*. 2013; 215(11): 545, News section, online: 6 December 2013. doi:10.1038/sj.bdj.2013.1152]. This paper has “**one of the highest ever scores**” computed by Altmetrics for the *BMC Oral Health Journal*.
46. Stein C, Eisenberg E, O'Donnell JA, **Spallek H**: What dental educators need to understand about emerging technologies to incorporate them effectively into the educational process. *J Dent Educ*, 2014;78 520-529: PMID: 24706681
47. Rush W, Schleyer TKL, Kirshner M, Boyle R, Thoele MJ, Lenton P, Asche S, Thyvalikakath TP, **Spallek H**, Durand E, Enstad C, Huntley C, Rindal DB: Integrating tobacco dependence counseling into electronic dental records: a multi-method approach. *Journal of Dental Education*, 2014: 78(1), 31–9, PMID: 24385522
48. Weiner DK, Morone NE, **Spallek H**, Karp JF, Schneider M, Washburn C, Dziabiak MP, Hennon JG, Elnicki DM: E-Learning Module on Chronic Low Back Pain in an Older Adult: Evidence of Impact on Medical Student OSCE Performance. *Journal of the American Geriatrics Society*, 2014: 62(6), 1161–1167. doi:10.1111/jgs.12871, PMID: 24833496
49. **Spallek H**, Johnson L, Kerr J, Rankin D: Costs of Health IT: Beginning to Understand the Financial Impact of a Dental School EHR. *Journal of Dental Education*, 2014, 78(11): 1542-1551, PMID: 25362696
50. **Spallek H**, von Bergmann H: Should Laptops Be Allowed in the Classroom? Two Viewpoints: Viewpoint 1: Laptops in Classrooms Facilitate Curricular Advancement and Promote Student Learning and Viewpoint 2: Deconstructing and Rethinking the Use of Laptops in the Classroom. *Journal of Dental Education*, 2014, 78 (12):1580-1588
51. **Spallek H**, Karimbux N, Turner S, Donate-Bartfield E, Zarkowski P, Chambers D: Social Media in the Dental School Environment, Part A: Benefits, Challenges and Recommendations for Use. *Journal of Dental Education*, 2015, 79(10): 1140-1152, PMID: 26427774
52. **Spallek H**, Karimbux N, Turner S, Donate-Bartfield E, Zarkowski P, Chambers D: Social Media in the Dental School Environment, Part B: Curricular Considerations. *Journal of Dental Education*, *Journal of Dental Education*, 2015, 79(10): 1153-1166, PMID: 26427775
53. Straub-Morarend CL, Wankiiri-Hale C, Blanchette DR, Lanning SK, Bekhuis T, Smith BM, Brodie AJ, Cruz Oliveira D, Handysides RA, Dawson DV, **Spallek H**: Evidence-Based Practice Knowledge, Perceptions and Behavior: A Multi-Institutional, Cross Sectional Study of a Population of U.S. Dental Students. *Journal of Dental Education*, 2016, 80(4): 430–438
54. Kalenderian E, Halamka JD, **Spallek H**: An EHR with Teeth. *Appl Clin Inform* 2016 7 2: 425-429. dx.doi.org/10.4338/ACI-2015-09-LE-0124. PMID: 27437051
55. Irving M, Stewart R, **Spallek H**, Blinkhorn A: Using teledentistry in clinical practice, an enabler to improve access to oral health care: a qualitative systematic review. *J Telemed Telecare*. 2017 Jan 1:1357633X16686776. doi: 10.1177/1357633X16686776. PMID: 28092220

56. Obadan-Udoh E, Simon L, Etolue J, Tokede O, White J, **Spallek H**, Walji M, Kalenderian E: Dental Providers' Perspectives on Diagnosis-Driven Dentistry: Strategies to Enhance Adoption of Dental Diagnostic Terminology. *International Journal of Environmental Research and Public Health*, 2017 Jul 13;14(7).
<http://doi.org/10.3390/ijerph14070767>
57. Holden ACL, **Spallek H**: How Compliant are Dental Practice Facebook Pages with Australian Healthcare Advertising Regulations? A Netnographic Review. *Aust Dent J*. 2018 Mar;63(1):109-117
58. Holden ACL, **Spallek H**: Looking Gift-Horses in the Mouth; Gift Giving in the Dental Profession. *Journal of Law and Medicine*. *J Law Med*. 2018 Apr;25(3):794-799.
59. Kalenderian E, Ramoni R, Spallek H, White J, Walji M: Quality measures everywhere: The case for parsimony. *JADA* 2018 April; 149(4):322-326.
60. Brunner M, McGregor D, Keep M, Janssen A, **Spallek H**, Quinn D, Jones A, Tseris E, Yeung W, Togher L, Solman A, Shaw T: An eHealth Capabilities Framework for Graduates and Health Professionals: Mixed-Methods Study. *J Med Internet Res*. 2018 May; 20(5):e10229. doi: 10.2196/10229.
61. Holden ACL, Jean G, Tennant M, **Spallek H**: Professionalism by proxy: a case for the formal regulation of dental assistants in Australia. *British Dental Journal* 2018 Sept; 225(6): 482-486
62. Neumann A, Kumar S, Bangar S, Kumar Kookal K, **Spallek H**, Tokede O, Simmons K, Even J, Mullins J, Mertz E, Yansane A, Obadan-Udoh E, White J, Walji M, Kalenderian E: Tobacco Screening and Cessation Efforts by Dental Providers: a quality measure evaluation. *J Public Health Dent*. 2018 Dec 19. doi: 10.1111/jphd.12298.
63. Holden ACL, Jean G, Tennant M, **Spallek H**: Alternatives to the American Model of Dentistry—Australia. *Journal of the American College of Dentists*, 2018, 85(1): 35-39
64. Nanayakkara S, Zhou X, **Spallek H**: Impact of big data on oral health outcomes. *Oral Dis*. 2018 Nov 26. doi: 10.1111/odi.13007.
65. **Spallek H**, Weinberg SM, Manz M, Nanayakkara S, Zhou X, Johnson L: Perceptions and Attitudes Toward Data Sharing Among Dental Researchers. *JDR Clin Trans Res*. 2019 Jan;4(1):68-75.
66. Holden ACL, Gibson B, **Spallek H**: Embarrassing Realities: the Portrayal of Dentistry in Reality TV 'Dentertainment'. *Community Dent Health*. 2019 Feb 25;36(1):46-54. doi: 10.1922/CDH_4423Holden09.
67. Dimitropoulos Y, Blinkhorn A, Irving M, Skinner J, Naoum S, Holden A, Masoe A, Rambaldini B, Christie V, **Spallek H**, Gwynne K: Enabling Aboriginal dental assistants to apply fluoride varnish for school children in communities with a high Aboriginal population in New South Wales, Australia: a study protocol for a feasibility study. *Pilot Feasibility Stud*. 2019 Jan 22; 5:15. doi: 10.1186/s40814-019-0399-4. eCollection 2019.
68. Johnson L, Callaghan C, Balasubramanian B, Haq H, **Spallek H**: Cost Comparison of an On-Premise IT Solution with a Cloud-Based Solution for Electronic Health Records in a Dental School Clinic. *Journal of Dental Education*, 2019; 83:895-903, DOI: <https://doi.org/10.21815/JDE.019.089>, PMID: 30927464
69. Shaw T, Janssen A, Crampton R, O'Leary F, Hoyle P, Jones A, Shetty A, Gunja N, Ritchie AG, **Spallek H**, Solman A, Kay J, Makeham MA, Harnett P: Attitudes of health professionals to using routinely collected clinical data for performance feedback and personalised professional development. *Med J Aust*. 2019 Apr;210 Suppl 6:S17-S21. doi: 10.5694/mja2.50022.

70. Simon L, Obadan-Udoh E, Yansane AI, Gharpure A, Licht S, Calvo J, Deschner J, Damanaki A, Hackenberg B, Walji M, **Spallek H**, Kalenderian E.: Improving Oral-Systemic Healthcare through the Interoperability of Electronic Medical and Dental Records: An Exploratory Study. *Appl Clin Inform.* 2019 May;10(3):367-376. doi: 10.1055/s-0039-1688832. Epub 2019 May 29. PMID: 31141831
71. Estai M, Kanagasingam Y, Mehdizadeh M, Vignarajan J, Norman R, Huang B, **Spallek H**, Irving M, Arora A, Kruger E, Tennant M. Teledentistry as a Novel Pathway to Improve Dental Health in School Children: a Research Protocol for a Randomised Controlled Trial. *BMC Oral Health.* 2020 Jan 14;20(1):11. doi: 10.1186/s12903-019-0992-1. PMID: 31937284
72. Holden ACL, Neville P, Gibson B, **Spallek H**: Taking responsibility for the tooth: A semiotic and thematic analysis of oral health and disease in the TV show ‘Embarrassing Bodies’. *Health.* 2020 <https://doi.org/10.1177/1363459320904419>
73. Fontana M, Carrasco-Labra A, **Spallek H**, Eckert G, Katz B. Improving Caries Risk Prediction Modeling: A Call for Action. *J Dent Res.* 2020 Oct;99(11):1215-1220. <https://doi.org/10.1177/0022034520934>
74. Johnson KS, Schmidt AM, Bader JD, **Spallek H**, Rindal DB, Enstad CJ, Friction JR, Ashe SE, Kane SM, Thirumalai V, Godlevsky OV, Johnson NJ, Acharya A, Rush WA.: Dental Decision Simulation (DDSim): Development of a virtual training environment. *J Dent Educ.* 2020 84(11):1284-1293, doi: 10.1002/jdd.12303. PMID: 32702778
75. Yansane, A., Listl, S., Dawda, D., Ryan, B., White, J.M., **Spallek, H.**, Walji, M.F., Kalenderian, E. Increasing Value, Reducing Waste: Tailoring the Application of Dental Sealants According to Individual Caries Risk. *J Publ Health Dent.* 2020 Sep; 80(Suppl 2):S8-S16. doi: 10.1111/jphd.12396.
76. Estai M, **Spallek H**, Irving M, Kruger E, Arora A, Kanagasingam Y, Vignarajan J, Mehdizadeh M, Norman R, Huang B, Tennant M. Mobile Photographic Screening for Dental Caries in Children: Diagnostic Performance Compared to Unaided Visual Dental Examination. *Journal of Public Health Dentistry* 2021. 26 January 2021, <https://doi.org/10.1111/jphd.12443>
77. Holden ACL, Nanayakkara S, Skinner J, **Spallek H**, Sohn, W: What do Australian health consumers believe about commercial advertisements and testimonials? a survey on health service advertising. *BMC Public Health* volume 21, Article number: 74 (2021)
78. Chen R, Santo K, Wong G, Sohn W, **Spallek H**, Chow Clara, Irving M. Mobile Apps for Dental Caries Prevention: Systematic Search and Quality Evaluation. *JMIR Mhealth Uhealth* 2021;9(1):e19958) doi: 10.2196/19958
79. Skinner J, Dimitropoulos Y, Sohn W, Holden A, Rambaldini B, **Spallek H**, Ummer-Christian R, Marshall S, Raymond K, Calma T, Gwynne K. Child Fluoride Varnish Programs Implementation: A Consensus Workshop and Actions to Increase Scale-Up in Australia. *Healthcare* 2021, 9, 1029. <https://doi.org/10.3390/healthcare9081029>
80. Chen R, Schneuer FJ, Irving MJ, Chow CK, Kumar HK, Tsai C, Sohn W, **Spallek H**, Bel I J, Nassar N. Socio-demographic and familial factors associated with hospital admissions and repeat admission for dental caries in early childhood: A population-based study. *Community Dent Oral Epidemiol.* 2021 Nov 27. PMID: 34837420 DOI: 10.1111/cdoe.12708
81. Walji, M.F., **Spallek, H.**, Kookal, K., Barrow, J., Magnuson, B., Tiwari, T., Oyoyo, U., Brandt, M., Howe, B.J., Anderson, G.C., White, J.M., Kalenderian, E.: BigMouth: Development and Maintenance of a Successful Dental Data Repository. *Journal of the*

American Medical Informatics Association, January 2022,
<https://doi.org/10.1093/jamia/ocac001>

82. Rapp L, Madden S, Brand J, Walsh LJ, **Spallek H**, Zuaiteer O, Habeb A, Hirst TR, Rode AV: Femtosecond laser dentistry for precise and efficient cavity preparation in teeth. *Biomedical Optics Express* (2022), 13 (9): 4559-4571, <https://doi.org/10.1364/BOE.463756>
83. Tokede, B., Yansane, A., White, J., Bangar, S., Mullins, J., Brandon, R., Gantela, S., Kookal, K., Rindal, DB., Lee, C.-T., Lin, G.-H., **Spallek H**, Kalenderian, E. Walji, M.: Translating periodontal data to knowledge in a learning health system. *The Journal of the American Dental Association* (2022). <https://doi.org/10.1016/j.adaj.2022.06.007>
84. Julie Frantsve-Hawley J, Elliot Abt E, Alonso Carrasco-Labra A, Tim Dawson T, Michaels M, Pahlke S, Rindal DB, **Spallek H**, Weyant RJ: Strategies for developing evidence-based clinical practice guidelines to foster implementation into dental practice. *The Journal of the American Dental Association*, 2022, ISSN 0002-8177, <https://doi.org/10.1016/j.adaj.2022.07.012>
85. Rindal DB, Kottke TE, Jurkovich MW, Asche SE, Enstad CJ, Truitt AR, Ziegenfuss JY, Romito LM, Thyvalikakath TP, O'Donnell J, **Spallek H**: Findings and future directions from a smoking cessation trial utilizing a clinical decision support tool. *Journal of Evidence-Based Dental Practice*, 2022, 22 (3)101747, ISSN 1532-3382, <https://doi.org/10.1016/j.jebdp.2022.101747>
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25. Interview with Professor **Heiko Spallek** by Dr Sarah Raphael: Putting technology at the heart of health care. Featured article, NSW Dentist, May 2018
26. **Spallek H**, Brown L: Structured Content in Comprehensive Health Records: A Discussion for Healthcare Practitioners, Educators, Researchers and Policymakers. Blog: 14 August 2018, <https://collaboration4hit.org/news/structured-content-in-comprehensive-health-records>
27. **Spallek H**: No clever answers! Finding the right questions about dental care in Australia. Blog: 7 November 2018, <http://johnmenadue.com/heiko-spallek-no-clever-answers-finding-the-right-questions-about-dental-care-in-australia/>
28. **Spallek H**: Time to make dental care an election issue: Doing less but achieving more in dentistry. Blog: 4 December 2018, <http://johnmenadue.com/lesley-russell-time-to-make-dental-care-an-election-issue-2/>
29. Spallek H, Holden A: Oral health – an essential component of a healthy life. Blog: 8 March 2019, Blog: 4 December 2018, <http://johnmenadue.com/heiko-spallek-alexander-holden-oral-health-an-essential-component-of-a-healthy-life/>
30. Holden A, **Spallek H**: Laying Out the Road Map for an Australian Universal Dental Scheme. Blog: 19 March 2019, <http://johnmenadue.com/alexander-holden-and-heiko-spallek-laying-out-the-road-map-for-an-australian-universal-dental-scheme/>
31. Contributor to: Duckett, S., Cowgill, M., and Swerissen, H. (2019). Filling the gap: A universal dental scheme for Australia. Grattan Institute. ISBN: 978-0-6483311-9-3.
<https://grattan.edu.au/report/filling-the-gap/>
32. Contributor to: Emerging Technologies and Promising Science to Transform Oral Health. In: Oral Health in America – Advances and Challenges: 2021 Surgeon General’s Report on Oral Health. <https://www.nidcr.nih.gov/oralhealthinamerica>
33. Holden A, **Spallek H**: We Must Fill the Hole in our Public Health Services: Why Doesn’t Medicare Cover the Mouth? Blog: 13 December 2019,
<https://johnmenadue.com/alexander-holden-and-heiko-spallek-we-must-fill-the-hole-in-our-public-health-services-why-doesnt-medicare-cover-the-mouth/>
34. Holden A, **Spallek H**, Shaban R: Can I still go to the dentist? How coronavirus is changing the way we look after our teeth, 2 April 2020,
<https://theconversation.com/can-i-still-go-to-the-dentist-how-coronavirus-is-changing-the-way-we-look-after-our-teeth-135300>
35. Holden A, Shaban R, **Spallek H**: COVID-19 and the Dental Profession: Professional Tensions and Ethical Quandaries. A COVID-19 Sydney Policy Paper, June 2020.
https://www.sydney.edu.au/content/dam/corporate/documents/sydney-policy-lab/policy-paper_covid-19-and-the-dental-profession.pdf
36. Kalenderian E, Xiao Y, **Spallek H**, Franklin A, Olson G, Walji MF: Patient Safety Primer - COVID-19 and Dentistry: Challenges and Opportunities for Providing Safe Care. PSNET Agency for Healthcare Research and Quality, August 2020
<https://psnet.ahrq.gov/primer/covid-19-and-dentistry-challenges-and-opportunities-providing-safe-care>
37. Spallek H: Why is Australia’s public health data hidden? Blog: 13 August 2020,
<https://johnmenadue.com/why-is-australias-public-health-data-hidden/>
38. Holden A, Shaban R, **Spallek H**: COVID-19 and the Dental Profession: Professional Tensions and Ethical Quandaries. NSW Dentist, September 2020, 14-15

39. Spallek H: The orphans of the COVID-19 response: How the pandemic forgot about more than a few dental check-ups. Op-ed, 21 May 2021, in support of panel discussion “What COVID forgot”
<https://www.sydney.edu.au/medicine-health/news-and-events/2021/05/21/orphans-of-covid-19-response.html>
40. Chiarella M, Spallek H, Frankum B: Investing in community health is the solution to our aged care crisis. Blog: 1 March 2022
<https://johnmenadue.com/professors-mary-chiarellaheiko-spallek-and-brad-frankum-investing-in-community-health-is-the-solution-to-our-aged-care-crisis/>

PROFESSIONAL ACTIVITIES

TEACHING:

Course	Position	Contact Hours	No. of Lectures	No. of Students	Level	Dates
Course in preventive dentistry	Faculty	80/year	8	60	Predoctoral	9/1993-6/1996
Course in perio-dontal surgery	Faculty	80	8	60	Predoctoral	9/1995-6/1996
Course in perio-dontal diagnostics and therapy	Faculty	80/year	15	60	Predoctoral	9/1993-6/1995
Course in perio-dontal diagnostics and therapy	Course Director	80	15	60	Predoctoral	9/1995-6/1996
Introduction to Computing	Course Director	10/year	10	80	Predoctoral	9/2003-6/2006
Dental Informatics Research	Faculty	15/year	6	2	Graduate	9/1999-4/2000, 9/2001-4/2002
Management of Information Infrastructures	Faculty	36/year	8	2	Graduate	9/1999-4/2000, 9/2001-4/2002
Dental Informatics Seminar	Faculty	20/year	6	3	Graduate	9/1999-4/2000, 9/2001-4/2002, 1/2003-5/2003
Dental Information Systems	Faculty	36/year	6	2	Graduate	8/2002-05/2005, 8/2007-12/2007
Clinical Conferences (DENT5256)	Facilitator	4/year	NA	10-12	Predoctoral	01/2007-04/2008

Course	Position	Contact Hours	No. of Lectures	No. of Students	Level	Dates
Cultural and Behavioral Issues in Dental Care	Faculty	4/year	NA	10-12	Predoctoral	10/2003-12/2007
Senior Case Competency Presentation	Faculty	4/year	NA	2	Predoctoral	1/2006-1/2012
Preclinical Problem Based Learning	Facilitator	4/year	NA	10-12	Predoctoral	5/2002-4/2007
Professionalism Recitations (CDENT 5112)	Facilitator	4/year	NA	10-12	Predoctoral	11/2008-11/2012
Dental Informatics (CDENT 5141)	Course Director	15	13	80	Predoctoral	1/2008-5/2009
Introduction to Dentistry (DENT 5112)	Course Co-Director	5	2	80	Predoctoral	8/2009-12/2009
Health Promotion and Disease Prevention (DENT 5145)	Course Co-Director	2/year	5	80	Predoctoral	1/2010-11/2012
PhD Program: Informática e Novas Tecnologias em MD at the University of Porto, Portugal	Instructor	14	7	30	Graduate	4/2011
Facilitating Standardized Patient Sessions	Facilitator	6/year	-	6	Predoctoral	9/2010-3/2015
Professionalism in Dental Medicine (CDENT 5117)	Faculty	7/year	1	80	Predoctoral	9/2012-10/2015
Health Promotion and Disease Prevention 2 (DENT 5145)	Faculty	2	-	20	Predoctoral	3/2015
Health Promotion and Disease Prevention 3 (CDENT 5173)	Faculty	2/year	-	20	Predoctoral	8/2012-9/2014

Course	Position	Contact Hours	No. of Lectures	No. of Students	Level	Dates
Current Topics in Oral Health Research (DENT 5340)	Faculty	2/year	2	80	Predoctoral	4/2014, 2/2015
Introduction to Leadership and Career Development Settings (DENT 5980)	Course Co-Director	10	4	6	Predoctoral	5/2015
Bachelor of Oral Health	Faculty	1/year	1	120	Undergrad	7/2016, 03/2017
Leadership Module, DMD3	Faculty	3/year	3	6	Postgraduate	9/2021, 10/2021
Leadership Module, DMD3	Faculty	3/year	3	4	Postgraduate	9/2022, 10/2022

HDR Supervision

Pedro L. Hernández-Cott: A qualitative investigation of the content of dental paper-based and computer-based patient record formats
2003 – 2005, Master’s Degree in Biomedical Informatics, University of Pittsburgh

Irwin, Regina (Jeannie) Yuhaniak: SPEECH TO CHART: SPEECH RECOGNITION AND NATURAL LANGUAGE PROCESSING FOR DENTAL CHARTING.
2005-2010, PhD in Biomedical Informatics, University of Pittsburgh

Alexander Holden: An exploration of the legal, ethical and professional interactions between society and the dental profession
2016-2019, PhD, University of Sydney

Yvonne Dimitropoulos: Strategies to provide co-designed and community-led oral health promotion for Aboriginal children in rural and remote communities in New South Wales, Australia.
2016-2020, PhD, University of Sydney

Eduardo Delamare: The theoretical framework of a comprehensive Clinical Decision Support System in Oral and Maxillofacial Radiology using Machine Learning based pipelines
2019- , PhD, University of Sydney

Rebecca Chen: Mobile health interventions for early childhood dental caries
2020- , PhD, University of Sydney

Hanna Pathani: Natural Language Processing for social determinants of health in dental records 2021- , PhD, University of Sydney

Academic Planning Proposal

2/2010: Biomedical Informatics Online Certificate Program for the Department of Biomedical Informatics

Role: individual initiating and authoring the proposal

Status: approved & implemented

PhD Thesis Committee

Untersuchung zur Histopathogenese der marginalen Parodontitis (German), Department of Periodontology of the Charité, Berlin 1996

Development of an information architecture for an online textbook (German), University of Applied Sciences, Department for Informatics, Karlsruhe, Germany 2004

Member of the Doctoral Preliminary Evaluation Committee for the training in Biomedical Informatics for Heather Johnson 2004

Member of the Medical Informatics Doctoral Comprehensive Examination Committee for Mohamed Foraida 2005

PhD Thesis Committee for the School of Information Sciences, University of Pittsburgh for Michael Yudelson 2009/2010

PhD Thesis Committee: Ms Alla Talal Y Alsharif: "Development and application of an innovative methodological approach to the design of frameworks for targeted School Dental Service programs; using empirical predictive data", University of Western Australia, Perth WA 6009 Australia 2016

PhD Thesis Committee: Mohamed R. Abdalla: "Photographic Caries Assessment by Different Members of the Dental Team: A Mobile Teledentistry Model", University of Western Australia, Perth WA 6009 Australia 2017

RESEARCH:

1. Grants

1a. Research: Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
NIH 1R01 DE015351	The Genetic Contribution	Co-investigator 5%	10/2004- 06/2006	\$250,000

1a. Research: Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
National Library of Medicine/NIH 1 G08 LM008667-01A1	Dental Informatics Online Community	Principal investigator 20% (yr 1); 15% (yrs 2, 3)	03/2006- 3/2009	\$350,525
NIH 1 UL1 RR024153	Center for Clinical and Translational Informatics (CCTI) of the University of Pittsburgh Clinical and Translational Research Institute	Co- investigator 15%	09/2006- 06/2011	\$9,846,625
NIH 1R21DE018158-01	Feasibility of a Natural Language Processing- based Dental Charting Application	Co- investigator 10%	07/2007- 06/2009	\$272,000
National Institute for Dental and Craniofacial Research/NIH 1R21DE021494-01	Implementing Research Findings and Evidence- based Interventions into Real- World Dental Practice Settings	Principal investigator 10%	02/2011- 02/2014	\$189,375
NIH Pain Consortium Contract #: GS-10F- 0261K Task Order #: HHSN271201100111U	Center of Excellence in Pain Education: Pain Challenges in Primary Care	Co-Principal Investigator 4.25%	07/2012- 06/2014	US\$413,000

1a. Research: Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
National Institute for Dental and Craniofacial Research/NIH 1R34DE023895-01A1	Computer Assisted Tobacco Intervention for Dental Providers	Principal investigator (MPI) 10%	09/2014-08/2015	US\$242,656
National Heart, Lung, and Blood Institute/NIH R34HL123500-01A1	Minding GOALS: An Internet-Assisted Mind-Body-Behavior Program for Blood Pressure Control	Co-investigator 2%	05/2015-03/2018	US\$304,021
National Institute on Drug Abuse, NIH NIDA R&D Contracts Management Branch Contract #: HHSN271201500082C	Center of Excellence in Pain Education: Pain Challenges in Primary Care	Principal Investigator 11%	09/2015-09/2020	US\$907,931
National Institute for Dental and Craniofacial Research/NIH U01DE026135	A Clinic-Randomized Trial of a Clinical Decision Support System to Improve Dental Provider Delivery of Brief Tobacco Interventions and Quitline Referrals	Principal investigator (MPI) 15%	08/2016-07/2020	US\$2,488,348
MRFF RART Award, Sydney Health Partners	Scaling up a school-based fluoride varnish		2019	AU\$170,000

1a. Research: Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
	program for Aboriginal children in NSW			
NSW Health, Paediatric Innovation Funding Scheme	When doing a filling is not enough: Implementation of a novel, evidence-based chronic disease management program to empower at-risk kids to reduce dental treatment, pain and general anaesthetic needs	Project advisor		AU\$200,000
National Institute of Dental and Craniofacial Research, 1R01DE032368-01A1	Informatics Approaches to Understand and Reduce Inappropriate Antibiotic Prescribing by Dentists	Senior Consultant	2023-2028	US\$3,895,774
1b. Training: Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
N/A	Student Grant from the Talents Department of		1990-1993	US\$18,000

1b. Training: Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
	the Friedrich Naumann Endowment			
National Institute for Dental and Craniofacial Research/NIH LM-96-002	Dental Informatics Training Grant	Faculty, 5%	1997-2002	
NLM/NIDCR 2 T15 LM 007059-26	Pittsburgh Biomedical Informatics Training Program	Instructor	2012-2017	US\$1,031,822
RFA-LM-06-001	Pittsburgh Biomedical Informatics Training Program	Instructor	2002-2007	US\$837,554
3T15LM007059-24S1	Pittsburgh Biomedical Informatics Training Program	Online Certificate Program Director, 10%	2010-2011	US\$200,000
1c. Conference: Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
NIDCR 1R13DE014611-01	Dental Informatics and Dental Research	Co-investigator, 10%	03/2002-02/2004	US\$6,000/year

1d. University:

Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
University of Pittsburgh Innovation in Education Award 2003	Adaptive hypermedia to introduce tissue engineering to dental, medical and engineering students	PI (MPI)	05/2003- 05/2004	US\$23,484
University of Pittsburgh Innovation in Education Award 2008	Quantitative Image Analysis using Adobe® Photoshop® CS3 Extended	PI (MPI)	05/2008- 05/2009	US\$14,541
University of Sydney 2016 Strategic Education Grant #16067	Design and implementation of a curricular framework and assessment to promote the enhancement of the Ethical, Social and Professional Understanding of the Sydney graduate.	Co-I	01/2017- 01/2018	AU\$35,000
University of Sydney 2016 Strategic Education Grant	Operationalising Interprofessional Education (IPE) at Westmead Precinct: Medicine, Dentistry and Nursing Programs	Co-I	01/2017- 01/2018	AU\$51,489
University of Sydney DVC Research #196178	Shaping policy to end tooth decay in Aboriginal children.	CIA	07/2017- 06/2018	AU\$30,000

1d. University:

Grant Number (Funded)	Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
University of Sydney 2018 Strategic Education Grant #18031	Team-teaching and Inter- professional learning: building interdisciplinary engagement and capacity	Co-I	01/2018- 01/2019	

**1e. Travel Grant
(Funded)**

Grant Title	Role in Project t	Years Inclusive	Source \$ Amount
ICE Health System, Calgary, Canada, Collaboration for Health IT	Supporting attendance of the 2017 ADEA and IADR meeting in CA, USA	PI	2017 \$3,100
ICE Health System, Calgary, Canada, Collaboration for Health IT	Supporting attendance of the 2018 ADEA and AADR meeting in Orlando, USA	PI	2018 \$3,500

**1f. Australian
Government Grant
(Funded)**

Grant Title	Role in Project and % Effort	Years Inclusive	Source \$ Amount
Australian Research Council (ARC) LP220200938	A miniaturised laser manipulator for ultra-precise and pain-free dentistry.	CI-6 (0.05 FTE)	2023 \$507,466.00

2. Seminars and invited lectureships

Presenter(s)	Title	Event	Date(s)
Spallek, H	Ultrasonic characterization of dental bonding systems	31st Annual Meeting of International Association for Dental Research CED. Lyon, France	9/16/1994

Presenter(s)	Title	Event	Date(s)
Spallek, H	Periodontal instruments (invited)	Workshop for Dental Assistants, Cottbus, Germany	1/7/1995
Spallek, H	World Wide Web and Medicine	Workshop for the 6th European Students Conference of the Charité, Berlin, Germany	10/21/1995
Spallek, H, Arnold, L	CBT in Periodontology	Oral Health Track, Towards an Electronic Patient Record, San Diego, CA	5/15/1996
Spallek, H, Arnold, L. Kleber, B-M	Computer-learning programs for periodontology via Internet (German)	Annual Meeting Deutsche Gesellschaft für Parodontologie, Baden-Baden, Germany	9/20/1996
Schleyer, T, Torres, H, Spallek, H	Internet use in dentistry	Toward Electronic Patient Records, Medical Records Institute, Nashville, TN	4/1997
Schleyer, T, Spallek, H	Implementation of a World Wide Web-based continuing education program	Computers in Health Care Education Symposium, Philadelphia, PA	4/1997
Schleyer, T, Spallek, H	Department of Dental Informatics	ADEA Educational Exhibits 75th Annual Session and Exposition, Minneapolis, MN	2/28/1998
Spallek, H	Electronic Communication (invited)	American Medical Informatics Association: 1998 AMIA Spring Congress. Philadelphia, PA	5/26/1998
Spallek, H	Dental education in the 21st century (invited)	Plenary Meeting of DENTED, Dublin, Ireland	9/15/1998
Spallek, H, Spallek, G	Efficient usage of scientific Internet resources (German)	96th DOG Annual Meeting, Berlin, Germany	9/22/1998
Spallek, H	Application of quality criteria of hypermedia documents (invited)	2nd Workshop in Interactive Periodontology. Brienz, Switzerland	1/7/1999
Spallek, H	Quality Criteria of Hypermedia Documents (invited)	Seminar of the Department of Medical Informatics, Columbia University. New York, NY	2/11/1999

Presenter(s)	Title	Event	Date(s)
Spallek, H	Computing at Temple University School of Dentistry	Dental Informatics Postgraduate Program Open House, Philadelphia, PA	12/13/1999
Spallek, H	Dental Informatics: A New Discipline for Dentistry? (invited)	The Center for Frontier Sciences at Temple University: Defining Dentistry: Maintaining a Healthy Smile and Body, Philadelphia, PA	11/15/2000
Spallek, H, Freigang, B	Virtual universities for medical education?	Round table talk: Internet for ENT specialists, Annual Symposium of the German Society for ENT, Hamburg, Germany	05/2001
Spallek, H	What does the World Wide Web offer the periodontists?	The 2nd Annual Periodontal Symposium at Temple University School of Dentistry, Philadelphia, PA	10/2001
Schleyer, T, Johnson, L, (Spallek, H)	Developing a protocol for an educational software competition	American Medical Informatics Association: 2001 Symposium. Washington, DC	11/2001
Spallek, H Pilcher, E Lee, J-Y Schleyer, T	Evaluation of Web-based Dental CE-Courses	ADEA 79th Annual Session and Exposition, San Diego, CA	03/2002
Spallek, H	Dental Informatics – A frontier discipline in dentistry (webinar)	13th International Alexandria Dental Congress, Alexandria, Egypt	10/29/2002
Spallek, H	Computing in Dentistry: Synergy of a printed book and a Website (part of Workshop on Educational Program Web Sites: Demonstrations and Discussion)	American Medical Informatics Association: 2002 Symposium. San Antonio, TX	11/9/2002
Spallek, H	Adaptive Hypermedia for Dental Education	CBMI Colloquium, University of Pittsburgh	11/15/2002
Spallek, H	Computing at the School of Dental Medicine	Dental Informatics Postgraduate Program Open House, Pittsburgh, PA	12/6/2002

Presenter(s)	Title	Event	Date(s)
Spallek, H	Usability Engineering & Website Design Projects	CBMI course: Internet and Healthcare Informatics	02/27/2003
Schleyer, T Spallek, H	“Computing in Dentistry“: A new Book and Website	ADEA 80th Annual Session and Exposition: TechnoFair, San Antonio, TX	03/11/2003
Spallek, H	Adaptive Hypermedia: A New Paradigm for Educational Software	Dental Informatics and Dental Research: Making the Connection, National Institutes of Health, Bethesda, MD	06/12/2003
Spallek, H	Adaptive Hypermedia Dental Education	9th International Conference on User Modeling, Johnstown, PA	06/22/2003
Spallek, H	Dental Informatics and the SDM Curriculum	Curriculum Retreat: Patient-Centered Care: Preparing for the Future, School of Dental Medicine, Pittsburgh, PA	07/11/2003
Spallek, H	Adaptive Hypermedia for Educational Software in Dentistry	Intelligent Systems AI Forum, Computer Science Department, University of Pittsburgh, PA	11/07/2003
Schleyer, T Spallek, H	Survival of the fittest? Information technology as a subject in health professional curricula: How do we teach dental students IT skills?	Workshop, American Medical Informatics Association: 2003 Symposium. Washington, DC	11/10/2003
Spallek, H	Dental Informatics at the School of Dental Medicine	2003 Board of Visitors, School of Dental Medicine, Pittsburgh, PA	11/21/2003
Spallek, H	The Art of Poster Design	Center for Biomedical Informatics, Brown Bag Seminars, Pittsburgh, PA	11/21/2003
Spallek, H	Usability Engineering Methods on the Web	CBMI course: Internet and Healthcare Informatics	03/01/2004
Spallek, H	The Integration of an IT Course into the Predoctoral Curriculum	ADEA 81st Annual Session and Exposition: Lunch and Learn, Seattle, WA	03/8/2004

Presenter(s)	Title	Event	Date(s)
Spallek, H	Dental Informatics and Library Information Sciences	Applications in Medical Informatics, graduate course for MLIS students at the School of Information Science, Pittsburgh, PA	03/31/2004
Spallek, H	The Dental Informatics Collaboratory Project	Second Annual Dental Informatics Think Tank, Pittsburgh, PA	04/09/2004
Antoniou, A, Spallek, H	Development of a Formative Evaluation Method for an Adaptive Hypermedia Course	Fourth Annual Spring Research Symposium, Pittsburgh, PA	04/13/2004
Spallek, H	Adaptive Hypermedia in Medical and Dental Education Course	Innovations in Medical Education, School of Medicine, Pittsburgh, PA	04/21/2004
Spallek, H	Dental Informatics Online Community	Joint AMIA and IMIA Dental Informatics WG Meeting at the American Medical Informatics Association: 2003 Symposium. San Francisco, CA	09/09/2004
Sfeir, Ch, Spallek, H	Adaptive Hypermedia for Tissue Engineering	Teaching Excellence Fair 2004, University of Pittsburgh, PA	10/27/2004
Spallek, H	Strategic Dental Informatics Plan for the School of Dental Medicine	2004 Board of Visitors, School of Dental Medicine, Pittsburgh, PA	11/19/2004
Spallek, H	Dental Informatics – An emerging discipline	DIST Colloquium, School of Information Science, Pittsburgh, PA	02/01/2005
Spallek, H, Sfeir, Ch.	Adaptive Hypermedia for Tissue Engineering	McGowan Institute for Regenerative Medicine's Annual Retreat, Nemaocolin, PA	03/08/2005
Hernandez, PL, Thyvalikakath, T, Torres- Urquidy, M, Spallek, H, Schleyer, T	Chairside Computer Use in Clinical Dentistry	ADEA 82nd Annual Session and Exposition: TechnoFair, Baltimore, MD	03/08/2005

Presenter(s)	Title	Event	Date(s)
Spallek, H	Dental Informatics and Library Information Sciences	Applications in Medical Informatics, graduate course for MLIS students at the School of Information Science, Pittsburgh, PA	04/05/2005
Spallek, H	Dental Informatics Online Community	Distinguished Speaker Series in Medical Informatics, Center for Biomedical Informatics, Pittsburgh, PA	04/29/2005
Spallek, H	Data Collection in Clinical Practice	2005 National Oral Health Conference (AAPHD), Pittsburgh, PA	05/03/2005
Stoner, D, Spallek, H	Formative Evaluation of “Information Retrieval for Dental Professionals”	Fifth Annual Spring Research Symposium, Pittsburgh, PA	05/18/2005
Spallek, H	Dental Informatics Research at the University of Pittsburgh	University of Connecticut, School of Dental Medicine, Farmington CT	06/12/2005
Spallek, H, Schleyer, T	Dental Informatics at the University of Pittsburgh	Guy’s Hospital Dental School, London, UK	09/14/2005
Spallek, H	Implications for Copyright in a Digital World—A Researcher’s Perspective	Postgraduate Research Seminar Series, The University of Michigan School of Dentistry, MI	11/15/2005
Spallek, H	How does a Website influence an applicant’s decision to apply?	ADEA 83rd Annual Session and Exposition: Lunch and Learn, Orlando, FL	03/9/2006
Spallek, H	Dental Informatics Online Community-a Virtual, Global Community for Dental Informaticians	ADEA 83rd Annual Session and Exposition: Technofair, Orlando, FL	03/11/2006
Spallek, H	Dental Informatics and the DIOC project	Applications in Medical Informatics, graduate course for MLIS students at the School of Information Science, Pittsburgh, PA	04/04/2006

Presenter(s)	Title	Event	Date(s)
Naderi, RA Spallek, H	Information Needs of Dental Researchers: A Research Methodology Description	Sixth Annual Spring Research Symposium, Pittsburgh, PA	05/02/2006
Spallek, H	Communicating with patients by Email	Professionalism and Social Issues in Dentistry, School of Dental Medicine, Pittsburgh, PA	09/12/2006
Spallek, H	The Art of Poster Design	Department for Biomedical Informatics, Professional Development Series, Pittsburgh, PA	10/13/2006
Spallek, H	Guest lecture: Dental Informatics—An Overview	Graduate course for MLIS students at the School of Information Science, Pittsburgh, PA	03/12/2007
Spallek, H	Dentistry in the Digital Age	Spring '07 Grand Rounds Lecture Series, Pittsburgh, PA	03/15/2007
Spallek, H	Dental Informatics and Evidence-based Dental Practice	2007 Annual Meeting of the Medical Library Association, Philadelphia, PA	05/21/2007
Spallek, H	Supporting Emerging Disciplines with e-Communities: Needs and Benefits	DBMI Lecture Series, Department of Biomedical Informatics, University of Pittsburgh School of Medicine, Pittsburgh, PA	09/07/2007
Spallek, H	Online Research Community	Clinical Research Seminar Series, UPMC Montefiore, University of Pittsburgh School of Medicine, Pittsburgh, PA	10/09/2007
Spallek, H,	Software-assisted quality management in dental practice	International Society for Computerized Dentistry, Annual World Dental Congress (FDI), Dubai, UAE	10/26/2007
Spallek, H	Good partners are hard to Find: The Search for and Selection of Collaborators in the Health Sciences	IEEE eScience 2008, Workshop: Project Management and User Engagement, Indianapolis, IN	10/08/2008

Presenter(s)	Title	Event	Date(s)
Spallek, H	Curriculum Development for the School of Dental Medicine	2008 Board of Visitors, School of Dental Medicine, Pittsburgh, PA	11/19/2008
Spallek, H	Informatics Curriculum: Preparing Our Students for the Future in Health Care: A Predoctoral Dental Informatics Course	ADEA 86th Annual Session and Exposition, Phoenix, AZ	03/17/2009
Spallek, H	Dental Informatics Research Challenges	Graduate course for MLIS students at the School of Information Science, Pittsburgh, PA	04/06/2009
Spallek, H	Presentation Techniques	Faculty Development Seminar, School of Dental Medicine, University of Pittsburgh, Pittsburgh, PA	05/28/2009
Spallek, H	Comprehensive Assessment of Teaching Effectiveness—Self-Deception or Possibility?	ADEA CCI Summer 2009 Liaisons Meeting, San Diego, CA	06/29/2009
Spallek, H	Using Blackboard for Teaching Software Skills to a Diverse Audience	Teaching Excellence Showcase, 2009, Pittsburgh, PA	10/21/2009
Spallek, H	Web 2.0 and the Dental Informatics Online Community	DBMI Colloquium, University of Pittsburgh, PA	11/06/2009
Spallek, H	Curriculum Management Tool	2009 Board of Visitors, School of Dental Medicine, Pittsburgh, PA	11/18/2009
Spallek, H	Curriculum/CMT: Work in Progress	2009 Faculty Retreat, School of Dental Medicine, Pittsburgh, PA	12/14/2009
Spallek, H	Web 2.0 and the Dental Informatics Online Community	Intelligent Systems AI Forum, Computer Science Department, University of Pittsburgh, PA	01/15/2010
Spallek, H; O'Donnell, J	Three-Pronged Course Evaluation	ADEA 87th Annual Session and Exposition: Lunch and Learn, Washington, DC	03/2/2010

Presenter(s)	Title	Event	Date(s)
Spallek, H	Dental Informatics Research Challenges	Graduate course for MLIS students at the School of Information Science, Pittsburgh, PA	03/30/2010
Spallek, H	Reliable information on the Internet for dental practice: Where do I go to find out what I need to know?	Annual World Dental Congress (FDI), Salvador da Bahia, Brazil	09/04/2010
Spallek, H	Effective Presentation Techniques	Writing and Presentation Class (BIOINF2134), Department of Biomedical Informatics, Pittsburgh, PA	09/13/2010 09/06/2011 05/03/2012 09/11/2012 09/03/2013 9/17/2014 09/10/2015
Eisenberg, E; Spallek, H	How to lead as the use of technology continues to increase?	2011 ADEA Annual Session & Exhibition: Keynote at the ADEA Leadership Institute Alumni Association Business Meeting, San Diego, CA	03/14/2011
Spallek, H	Dental Informatics—An Overview	Graduate course for MLIS students at the School of Information Science, Pittsburgh, PA	03/21/2011
Spallek, H	Implementing Research Findings and Evidence-Based Interventions into Real-World Dental Practice Settings	Center for Dental Informatics, Department of Dental Public Health, Research Seminar, Pittsburgh, PA	07/01/2011
Spallek, H	Effective Presentation Techniques	School of Dental Medicine, University of Bonn, Germany	08/1/2011
Spallek, H	Apple iPads for Teaching and Learning	OMFS residents and faculty meeting, School of Dental Medicine, University of Pittsburgh, Pittsburgh, PA	07/26/2011

Presenter(s)	Title	Event	Date(s)
Spallek, H	Dental Informatics – An Overview	Health Information Management in the Non-Traditional Setting lecture series, Pittsburgh, PA	10/12/2005 10/18/2006 10/17/2007 10/27/2008 11/09/2009 11/08/2010 11/09/2011 11/05/2012 11/13/2013 11/12/2014
Patel V, Spallek H, Walji MF	The Need for Informatics Education and Training in Dentistry	2012 ADEA Annual Session & Exhibition, Orlando, FL	03/21/2012
Eisenberg ES, Spallek H	Lecture Capture: Pedagogy, Policy, and Student/Faculty Perspectives	2012 ADEA Annual Session & Exhibition, Orlando, FL	03/19/2012
O'Donnell JA, Spallek H, Becker K, Polk D	Can you teach empathy with a computer?	2012 ADEA Annual Session & Exhibition: Teaching and Learning With Emerging Technologies and Informatics: Short Talks, Orlando, FL	03/17/2012
Spallek, H	Tweeting along for Assessment	Annual Faculty Retreat, School of Dental Medicine, Pittsburgh, PA	04/30/2012
Spallek, H	Creating an Effective Pain Education Portal	Centers of Excellence in Pain Education (CoEPes) Kick-Off Meeting, NIH, Bethesda, MD	07/11/2012
Spallek, H	The Role of Informatics in Research, Patient Care and Education	Marshfield Clinic, Marshfield, WI	08/7/2012
Kalenderian E, Spallek H	Panelist for axiUm CE: Patient Portal, axiUm e-prescription	axiUm User Summit, Vancouver, BC	02/11/2013
Spallek H	Crown Preparation Tutorial	ADEA Annual Session & Exhibition: MedEdPORTAL Showcase (invited annually as speaker)	03/14/2011 03/19/2012 03/18/2013

Presenter(s)	Title	Event	Date(s)
Horvath Z, Spallek H, Oakley M	The Perils of Electronic Communication in the Dental Setting	2013 ADEA Annual Session & Exhibition, Seattle, WA	03/17/2013
Spallek H, Bender D, MacDonald, L von Bergman H	Transforming a Clinical Dentist Into a Dental Educator in 24 Hours (Session Chair: Spallek H)	American Education Research Association, Division I - Education in the Professions, San Francisco, CA	04/28/2013
Johnson L, Spallek H, Genuis M, Yazdi K,	The future of data sharing for all of health care	Information Technology in Academic Medicine Conference sponsored by the Association of American Medical Colleges Group on Information Resources (GIR), Vancouver, Canada	06/05/2013
Spallek H	Cheating with Technology	Annual Faculty Retreat Follow-Up Session, Pittsburgh, PA	06/28/2013
Spallek H	Appointment, Promotion and Tenure at the SDM--An Overview of Current Guidelines and University Policies to faculty	Workshop, Pittsburgh, PA	11/12/2013
Spallek H	Technology in Dental Education	Keynote , Annual Faculty Retreat, Rutgers School of Dental Medicine, Newark, NJ	12/16/2013
Spallek H	Building a Service Organization for Dental Education	Invited Presentation , University of Pennsylvania, School of Dental Medicine	01/13/2014
Spallek H, Horvath Z, Vieira, A, Weinberg, S	Writing and Maintaining your CV	Faculty Development Workshop, School of Dental Medicine, Pittsburgh, PA	02/24/2014
Spallek H	Academic Dishonesty— How to Detect It and How to Prevent It	2014 ADEA Annual Session & Exhibition, San Antonio, TX	03/15/2014

Presenter(s)	Title	Event	Date(s)
Spallek H, Oakley M	Credentialing Employees and Students: Changing Our Approach and Ending the Administrative Nightmare	2014 ADEA Annual Session & Exhibition, San Antonio, TX	03/17/2014
Berg J, Johnson L, Rankin D, Spallek H	TEACHnology: Integrating Learning With the Future Electronic Health Record	2014 ADEA Annual Session & Exhibition, San Antonio, TX	03/16/2014
Johnson L, Spallek H, Genuis M, Rankin D	The Electronic Health Record (R)evolution	2014 Internet2 Global Summit, Denver, CO (selected for netcasting as featured event)	04/07/2014
Spallek H	Understand Dissemination — Types of Strategies and What Do We Do that Works?	Invited Presentation: Evidence Based Dentistry Champions 2.0 Conference, Chicago, IL (1/2015: presentation converted to Podcast and distributed by ADA)	05/10/2014
Spallek H, Hangorski, U	Unlocking Innovation through Technology: Interactive Panel: Myth Busters	2014 American Dental Education Association Commission on Change and Innovation in Dental Education (ADEA CCI) Summer Liaisons Meeting, Philadelphia, PA	06/11/2014
Spallek H, Kalendarian E, McBrearty C, Espiritu J, Brandon R	Medicare & Medicaid EHR Incentive Program: Meaningful Use Stage 1, 2 & 3 Requirements Overview	2014 Dental Consortiums Mid-Year Meeting, Memphis, Tennessee	09/04/2014
Spallek H	Technology in Dental Education	Keynote , Faculty Development, The Ohio State University College of Dentistry, Columbus, OH	09/23/2014
Yazdi K, Carozzoni R, Spallek H, Hoven P, Johnson J, Wolf A	Overcoming roadblocks when deploying cloud-based software: pulling one tooth at a time	2014 Technology Exchange, Internet2, Indianapolis, IN	10/29/2014

Presenter(s)	Title	Event	Date(s)
Weiner D, Spallek H	Multi-Disciplinary Educational Research	Invited Presentation: Medical Educational Research Methods and Innovation Design (MERMAID) Series, School of Medicine, University of Pittsburgh, Pittsburgh, PA	12/12/2014
Kimmes N, Garcia RM, Wolff MS, Oakley M, Aronhime YL, Spallek H, Horvath, Z.	Assessment of the Status Quo of Clinical Grading Practices in Dental Education	Consortium for Oral Health Research and Informatics (COHRI) Education Steering Committee, Annual axiUm Summit, Vancouver, Canada	02/06/2015
Spallek, H	Technology in Clinical Teaching: Online Medical Professionalism	Invited Presentation: Faculty Learning Community, University of Pittsburgh, Pittsburgh, PA	02/05/2015
Spallek, H	Creating and Promoting your Own Technology for Clinical Teaching	Invited Presentation: Faculty Learning Community, University of Pittsburgh, Pittsburgh, PA	02/05/2015
Spallek, H	Social Media for Pre-Dental Students	Invited Presentation: Undergraduate Pre-Dental Club, University of Pittsburgh, Pittsburgh, PA	03/03/2015
Spallek, H Yazdi, K Johnson, L Rankin, D	Moving to the Cloud? Tips for Successful Change Management	2015 ADEA Annual Session & Exhibition, Boston, MA	03/08/2015
Spallek, H Horvath, Z	Developing Faculty for Inter-professional Education and Scholarship	Invited Panel Speaker: IFDEA Workshop, 2015 IADR General Session in Boston	03/11/2015
Spallek, H	Converting Data Cemeteries into Sources of Knowledge	Invited Presentation: Big Data for Oral Health Knowledge (in conjunction with the 2015 IADR General Session in Boston)	03/14/2015

Presenter(s)	Title	Event	Date(s)
Spallek, H	Costs of Health IT: Beginning to Understand the Financial Impact of a Dental School EHR https://vimeo.com/fdim/spallek-cost-of-health-it	I2 Global Summit, Washington DC	04/27/2015
Spallek, H	Dissemination and Implementation – Routine Practice	Invited Presentation: 2015 Dental Quality Alliance Conference "The Roles of Quality Measurement" ADA HQ, Chicago, IL	05/02/2015
Spallek, H Weng, C Becich, M Cooper, G Jacobson, R McTigue, K	Towards Learning Health Systems: What role does Informatics play?	Invited Panel Moderator: Annual Department of Biomedical Informatics Training Program Retreat, Pittsburgh, PA	08/22/2015
Spallek, H Kimmes, N	E-portfolios: Status quo, Implementation Experiences, Barriers, Solutions	2015 Dental Consortiums Mid-Year Meeting: COHRI Meeting, San Francisco, CA	09/28/2015
Spallek, H	Continuous Learning Health System and Dentistry	2015 Dental Consortiums Mid-Year Meeting: COHRI Meeting, San Francisco, CA	09/29/2015
Spallek, H	Why bother? Why cloud?	2015 ADEA Sections on Business and Financial Administration and Clinic Administration (ADEA BFACA), Fort Lauderdale, FL	10/04/2015
Spallek, H	Technology in Clinical Teaching: Online Medical Professionalism	Invited Presentation: Faculty Development Seminar, University of Pittsburgh, Pittsburgh, PA	10/08/2015
Spallek, H	Introduction to the file sharing system “Box” as collaboration tool	Invited Webinar: National Institute for Drug Abuse, Centers for Excellence in Pain Education	10/14/2015
Stohler, CS Spallek, H Plummer, KD	Innovative Approaches for Teaching with Technology: Engaging Today's Learners	2016 ADEA Annual Session & Exhibition, Denver, CO	03/14/2016

Presenter(s)	Title	Event	Date(s)
Atchison, K Dye, B Walji, M Spallek, H	Big data, informatics and dental education	AADR/CADR Annual Meeting & Exhibition, Los Angeles, CA	03/18/2016
Spallek, H	Big Data in Dentistry	Data Science in Business Research Group, School of Business, University of Sydney, NSW	04/07/2016
Spallek H	Technology in Clinical and Didactic Teaching: Enabler of Active Learning or Source of Profound Embarrassment?	Invited Presentation: University of Vancouver Faculty of Dentistry, Vancouver, BC, Canada	05/31/2016
Spallek H	The importance of an electronic oral health system and accurate patient data entry	Invited Presentation: 2016 NSW Public Oral Health Conference, Centre for Oral Health Strategy NSW, Leura, NSW	09/20/2016
Spallek H	Big Data: Opportunities for Dental Research in Australia	Invited Presentation: Faculty Research Day, Faculty of Dentistry, University of Sydney, NSW	09/22/2016
Spallek H	Reorganisation of Medical and Health Faculties	Invited Presentation: Faculty of Pharmacy Research Retreat, Sydney, NSW	11/01/2016
Spallek H	Technology-rich Learning Environments in Health Professions Education: Lessons learned during the last two decades	Invited Presentation: Education Hub Grand Rounds, Research and Education Network, Westmead Hospital, NSW	11/14/2016
Spallek H	Dental Informatics in the Western Sydney Local Health District	Invited Presentation: WSLHD Health Informatics Advisory Group, Westmead, NSW	11/28/2016
Spallek H	Advances in Dental Education — "Is our children learning?": Lessons learned during the last two decades	Invited Presentation: Faculty Development Workshop, The University of Texas Health Science Center at Houston, School of Dentistry, Houston, TX	01/18/2017

Presenter(s)	Title	Event	Date(s)
Spallek H	Big Data and How Data can guide Scientific Decision-Making https://www.youtube.com/watch?v=pY3HIoMnCoc	Closing Keynote speaker: American Institute of Dental Public Health's national colloquium "Dental Public Health Informatics: Opportunities in a Changing Environment", San Antonio, TX	01/19/2017
Johnson L Spallek H Voss D Rankin D	Teaching From the Cloud: What Elements of Dental Education Should Move to the Cloud?	2017 ADEA Annual Session & Exhibition, Long Beach, CA	03/20/2017
Neumann ACS Spallek H Alghanem T Gutkin J	Using Technologies to Facilitate and Enhance Interprofessional Education	2017 ADEA Annual Session & Exhibition, Long Beach, CA	03/20/2017
Johnson L Spallek H Pitts N Genius M	How Cloud Electronic Health Records (EHRs) Support Research	IADR/AADR/CADR Annual Meeting & Exhibition, San Francisco, CA	03/23/2017
Spallek H	How can computers and information science reshape healthcare?	Sancta Sophia College, University of Sydney, NSW	04/28/2017
Spallek H	Big Data: How data can guide the clinical decision-making process	Australian Dental Students' Association, Annual Convention, Sydney, NSW	07/07/2017
Spallek H	Local and Global Opportunities: Eliminate data cemeteries in support of research	Collaboration for Health IT, Annual Meeting, Calgary, Canada	07/27/2017
Spallek H Deschner J Freeman B Nguyen K	Sydney Ideas Dental Health Forum: Putting the mouth into health	Moderator of Expert Panel Discussion, Sydney, NSW	08/08/2017

Presenter(s)	Title	Event	Date(s)
Spallek H	Navigating your Way, Experiences of a New Senior Leader	University of Sydney, Senior Leaders' Induction Program, Sydney, NSW	09/19/2017 04/13/2018 10/05/2018 05/01/2020 05/10/2021 10/07/2021 10/25/2021
Spallek H	Big Data for Better Health Outcomes in NSW	Prevention & Beyond: A Symposium on Oral Health Priorities, Sydney, NSW	10/05/2017
Spallek H	Future Ways of Working in Dentistry	University of Sydney, ICT Project Management Office Town Hall, Sydney, NSW	10/05/2017
Irving M Spallek H	Evaluation of a teledentistry program to support new dental graduates working in rural and remote Aboriginal communities using the technology acceptance model	57th Annual Scientific Meeting of IADR Australian & New Zealand Division, Adelaide, SA	10/26/2017
Johnson L Genuis M Spallek H	Collaboration for Health IT: Designed to Support Research	Texas Repository of Oral Health Data for Evaluation and Outcomes: webinar 74 attendees https://www.youtube.com/watch?v=8_Is-23IUZI	02/07/2018
Scott S Baur L Cheng T Chow C Pickett H Sorrell T Spallek H	Panelist	International Day of Women and Girls in Science, Westmead Institute for Medical Research: public conversation, Westmead, NSW	02/08/2018
Johnson L Rankin D Spallek H	What is YOUR Vision of the Future of Patient Care?	2018 ADEA Annual Session & Exhibition, Orlando, FL	03/18/2018

Presenter(s)	Title	Event	Date(s)
Walji M Yansane A Spallek H Kalenderian E	How to Use EHR Data for Research	2018 ADEA Annual Session & Exhibition, Orlando, FL	03/18/2018
Johnson L Genuis M Spallek H González-Cabezas C	Contemporary EHRs: How Standards Support Global Research and Education	2018 AADR/CADR Annual Meeting & Exhibition, Fort Lauderdale, FL	03/22/2018
Spallek H	Vision of the Collaboration for Health IT	Nova Southeastern University, College of Dental Medicine, Webinar	03/23/2018
Spallek H	Social Media for Dental Professionals	Poche Centre for Indigenous Health at Westmead	04/10/2018
Spallek H, Laskin B	Interoperability, AI, and Blockchain with Professor Heiko Spallek	The Operatory Podcast https://www.dentaltown.com/blog/post/9246/episode-8-interoperability-ai-and-blockchain-with-professor-heiko-spallek-podcast	04/23/2018
Spallek H	Is Artificial Intelligence Threatening our Professional Future?	Academic Event, Sancta Sophia College, University of Sydney	04/26/2018
Spallek H	Using Data for Better Health	Sydney Dental School Research seminar	05/29/2018
Spallek H Lynch K Kilbreath S	Developing your Academic Strategy and Narrative: Preparing for Advancement	Sydney Women's Mentoring Program	06/22/2018
Spallek H Neville P Patrick A Holden A	Reality Bytes: Are We Unfollowing Dental Professionalism on Social Media?	2018 IADR/PER General Session & Exhibition, London, England	07/25/2018
Spallek H Johnson L Genuis M Fisher J	Research Potential of Electronic Dental Records	2018 IADR/PER General Session & Exhibition, London, England	07/26/2018

Presenter(s)	Title	Event	Date(s)
Spallek H	Informatics for Better Dental Education	Keynote 29th South East Asia Association for Dental Education (SEAADE), Da Nang, Vietnam	09/11/2018
Spallek H	Excellence in Dental Research Through the Use of Big Data	Keynote 32nd IADR Southeast Asian Division Annual Meeting, Da Nang, Vietnam	09/13/2018
Spallek H	Panel member for Pan Pacific Dental Education Forum	41st Annual Scientific Meeting and Dental Exhibition, Chinese Taipei Association for Dental Sciences, Kaohsiung, Taiwan	10/19/2018
Spallek H	The Use of Data for Better Dental Education and Research	Keynote 2nd SNUSD International Conference for Future Dentistry, Seoul, Korea	10/27/2018
Spallek H	Big Data and How Data can guide Scientific Decision-Making	Invited Presentation Australian Society of Orthodontics NSW Branch Meeting, Sydney, NSW	11/02/2018
Spallek H	Panelist	The Role of Big Data in Addressing the Determinants of Non-communicable Diseases in the Ageing Era, Worldwide Universities Network (WUN), Sydney, NSW	12/10/2018
Spallek H	Opening remarks as Academic Lead DH-HSI	AMSAH 2019: Artificial Intelligence in Medicine, Surgery and Healthcare, Westmead, NSW	03/09/2019
Walji M, Spallek H, Rindall B, Kalenderian, E	Improving Dental Quality Through the BigMouth Learning Health Consortium	2019 ADEA Annual Session, Chicago, USA	03/18/2019
Spallek H	Invited Presentation Why is innovation so hard in dentistry?	QS Subject Focus Summit on Dentistry, Kyung Hee University, Seoul, South Korea	04/05/2019

Presenter(s)	Title	Event	Date(s)
Spallek H	A world of fax machines is not safe for our patients!	Sydney Dental School Research seminar, Westmead, NSW	05/28/2019
Spallek H	Panelist: How do you build digital capacity in the healthcare workforce	HISA Grand Round Event: building digital capacity in the healthcare work force, Westmead, NSW	06/12/2019
Spallek H	Upskilling our Clinical Workforce in Digital Health	HISA Grand Round Event: building digital capacity in the healthcare work force, Westmead, NSW	06/12/2019
Spallek H	Host of Symposium: The Future of Dentistry as Part of a Learning Health System	ADR/AADR/CADR General Session & Exhibition, Vancouver, Canada	06/20/2019
Spallek H	Health Information Technology: A Long-term Vision for the Collaboration	Invited Presentation Collaboration for Health IT Annual Meeting, Calgary, Canada	06/25/2019
Spallek H	From Womb to Tomb: A Vision for how Data can Improve Health	Invited Presentation 2019 Lifespan Research Day, University of Sydney, Sydney, NSW	07/25/2019
Spallek H	How Data can Guide Clinical Decision-Making	Invited Presentation Universiti Teknologi Mara, Faculty of Dentistry, Kuala Lumpur, Malaysia	08/09/2019
Spallek H	Informatics for Better Dental Education	Keynote Opening of the International Center of Digital Dentistry and Dental Education, National Yang-Ming University, Taipei, Taiwan	11/04/2019
Spallek H	Convert Data 'Cemeteries' into Sources of Knowledge	Invited Presentation Health Informatics Society of Australia (HISA), Sydney, NSW	11/28/2019

Presenter(s)	Title	Event	Date(s)
Spallek H	Using Technology to Drive Quality	Invited Presentation Workshop “Open Wide: Dental Safety and Quality, from sealants, to scaling, to sedation”, IHI National Forum, Orlando, FL, USA	12/09/2019
Spallek H	Call for Interprofessional Pain education	Invited Presentation Workshop “Open Wide: Dental Safety and Quality, from sealants, to scaling, to sedation”, IHI National Forum, Orlando, FL, USA	12/09/2019
Spallek H	Challenges for Dentistry due to Covid-19	Covid-19 in Dentistry, Chinese Taipei Association for Dental Sciences, Online Forum via Zoom	03/30/2020
Spallek H	Lessons on Leadership	Keynote University of Sydney, FMH Professional Staff Managers Sydney, NSW	05/18/2020
Spallek H	Leadership: The practice of intentionally influencing your thinking, feelings and actions to achieve your objectives	SAS Lunch & Learn University of Sydney, Staff Services, Sydney, NSW	08/07/2020
Spallek H, Kiat-amnuay S, Shibly O	Leadership and the future of dentistry in the 21 st century	NAAMA Virtual 42 nd International Convention, National Arab American Medical Association	10/25/2020
Johnson L, Spallek H	An EHR with Telehealth Streamlines the Initial Visit	2021 ADEA Annual Session & Exhibition, Virtual	03/13-16/2021
Spallek H	The report of the Royal Commission into Aged Care and its implications for Dentistry	Invited panelist CPC Westmead and CPC Oral and General Health Research Node panel discussion, Virtual	04/21/2021
Spallek H	Open Wide Learning Lab (OWLL): Improving Patient Safety in Dentistry	Invited panelist AHRQ Patient Safety Learning Lab, Virtual	04/22/2021

Presenter(s)	Title	Event	Date(s)
Spallek H	Collaborating Across Borders to Enhance Access to Dental Care.	Invited panelist Symposium “Policy and Research in Oral Health: Moving Forward (PrOHmotion)”, NYU Dentistry Center for Oral Health Policy and Management, NYU University, Virtual	06/11/2021
Spallek H	Career Vision and Planning	University of Sydney, Staff Services, Sydney, NSW	09/09/2021
Spallek H	Artificial Intelligence Symposium	Invited panel chair ADA FDI 2021 World Dental Congress 2021, Sydney, Australia, Virtual	09/29/2021
Spallek H	Technologies That will Shape the Future of Dentistry	Keynote speaker 3rd International Invention & Innovation in Dentistry Exhibition, Kuala Lumpur, Malaysia, Virtual	10/05/2021
Spallek H	Data and Informatics to Improve Patient Outcomes	Presenter, Webinar Australian Dental Association	12/02/2021
Spallek H	An EHR with Teeth: Essential Ingredients that make a EHR safe, universal and effective.	Universal Health Coverage Day 2021: Leave No One’s Health Behind: Invest in Health Systems for all. UN, ADI- Indian Chapter and SRFDS, SRIHER, Virtual	12/12/2021
Spallek H	Transformational Changes at the Sydney Dental School	Invited Keynote Australian Association of Orthodontists, NSW Clinical Day 2022	6 May 2022
Spallek H	Invited: Closing statement	University of Sydney and Calvary Health Care Workshop: The role of technology in providing high quality and compassionate care, Virtual	29 August 2022

Presenter(s)	Title	Event	Date(s)
Spallek H	Speaker and Invited panelist Drivers of change: COVID, Digital Transformation, remote training and learners' demands	Future of Medical Education & Practice Conference, Washington DC / Virtual	17 September 2022
Spallek H	Optimizing Acute Post-Operative Dental Pain Management Using New Health Information Technology	Biomedical Informatics and Digital Health Research Clinic, University of Sydney, Sydney	22 November 2022
Spallek H	Keynote Speaker Are we using technology just because it is easy?	2023 Scientific Annual Meeting of Association for Dental Education, Asia Pacific (ADEAP), Tohoku University, Sendai, Japan	28-29 January 2023
Spallek H	Invited panelist Motivating Language: Special Considerations for Mentoring Among Diverse Groups of Colleagues	International Pharmaceutical Federation, Digital event	5 April 2023

3. Other research related activities

Editorship

- Editor of Mailing List Periodont (electronic circulation, 1993-2006)
- Co-editor of the proceedings of "Dental Informatics and Dental Research: Making the Connection", Bethesda, June 12 and 13, 2003 published in Advances in Dental Research 12-1-2003;17
- Board member, MedEdPORTAL Advisory Board, American Dental Education Association, 2009-2012
- Member of the ADEA Journal of Dental Education Editorial Review Board, 2012-2016
- Guest editor, Frontiers in Dental Medicine, 2020-present

Scientific Program Committees

- Annual Symposium of the Association for Computing Machinery (ACM) on Applied Computing, Special Track on "Computer Applications in Health Care", March 2003, Melbourne, Florida

- American Medical Informatics Association Annual Symposium
- Annual Symposium of the Association for Computing Machinery (ACM) on Applied Computing, Special Track on "Computer Applications in Health Care", March 2004, Nicosia, Cyprus
- Medinfo 2004, November 2004, San Francisco
- Annual Session TechFair & Expo of the American Dental Education Association, 2005, 2006, 2013
- Annual Symposium of the Association for Computing Machinery (ACM) on Applied Computing, Special Track on "Computer Applications in Health Care", March 2007, Seoul, Korea
- Applications of Hypertext, Hypertext 2008, ACM Conference on Hypertext and Hypermedia, Pittsburgh, PA, June 2008
- Applications of Hypertext Program Committee, ACM Hypertext 2009, Pittsburgh
- AMIA Fall Symposium, 2011
- eHealth@sydney2020, 2020

Reviewer

- Advances in Medical Education and Practice
- American Journal of Distance Education
- Artificial Intelligence in Medicine for special issue "Intelligent Medical Training Systems"
- BMC Health Services Research
- BMC Medical Education
- BMC Oral Health
- BMC Pediatrics
- European Journal of Dental Education
- International Dental Journal (FDI)
- International Journal of Healthcare Management
- Journal of Applied Clinical Informatics
- Journal of Dental Education
- Journal of Esthetic and Restorative Dentistry
- Journal of Medical Internet Research
- Journal of Medical Systems
- Journal of Pathology Informatics
- Journal of Public Health Dentistry
- Journal of Pain Medicine
- Journal of the American Dental Association
- Journal of the American Medical Informatics Association
- MedEdPORTAL
- PLOS ONE
- The Cleft Palate-Craniofacial Journal

SERVICE:

1. University level

Temple University

8/1999	Chair, Search Committee for Associate Professor (Instructional Design)
07-08/2000	2000 Academic Appeals Committee
11/2000-12/2001	Continuing Education Committee
10/1998-12/2001	Honor Board
11/1996-12/2001	WWW Editorial Board
03/1996-12/2001	Curriculum Committee
10/1996-05/2000	Temple University Technology Classrooms Committee

University of Pittsburgh

09/2002-9/2004	Chair, Web Content Task Force for the development of a new Website for the School of Dental Medicine (SDM)
01/2003-9/2005	IT Advisory Committee, School of Dental Medicine (SDM)
01/2002-9/2005	Education Technology Advisory Committee (SDM)
07/2007-12/2015	First Professional Curriculum Committee (SDM)
09/2007-5/2010	Accreditation Steering Committee (SDM)
10/2007-5/2010	Chair, Information Management Accreditation Sub-Committee (SDM)
06/2008-2012	Vice-Chair, First Professional Curriculum Committee (SDM)
02/2009-2014	Strategic Planning and Outcomes Committee (SDM)
08/2009-12/2015	Health Sciences Ambassador, University of Pittsburgh (UoP)
10/2010-2012	Electronic Health Record Faculty Liaison Committee (SDM)
01/2011-2013	Working Group on Interprofessional Education (UoP)
02/2011-12/2015	University Council on Graduate Study (UoP)
02/2011-12/2015	Liaison to the Center for Instructional Development & Distance Education for the School of Medicine
07/2011-12/2015	Center for Global Health, University of Pittsburgh (UoP), part of the Global Health Education Consortium
02/2013-12/2015	Chair, Next Generation Electronic Health Record System Committee (SDM)
02/2013-12/2015	Chair, Subcommittee on Graduate Procedures, University Council on Graduate Study (UoP)
04/2013-12/2015	Member, University's Central Research Development Fund (CRDF) Science and Engineering Review Committee
07/2014-09/2015	Health Sciences Course in Scientific Management and Leadership Planning Committee
09/2015-12/2015	Health Sciences Faculty Leadership Academy Planning Committee

University of Sydney

05/2016-present	Westmead Education and Conference Centre Refurbishment Project User Group
08/2016	Member, Selection panel for Deputy Dean Academic for Faculty of Health Sciences
09/2016-present	Member, e-record committees: (1) Oral Health Project Steering Committee for WSLHD, (2) SLHD Titanium Implementation Committee
10/2016-present	Member, Oral Health Clinical Counsel for SLHD

10/2016-present	Board member, Poche Centre for Indigenous Health
03/2017-present	Member, Clinical Trial Management Tool Project Control Board
05/2017-present	Member, eHealthMap Steering Committee
06/2017-present	Member, Digital Health and Informatics Steering Committee
07/2017-present	Member, Professionalism in Dentistry Steering Group
06/2017-present	Member, Visiting Noel Martin Chair Steering Committee
2017-10/2019	Member, Westmead Precinct Academic Committee
07/2017	Selection panel for Head of School for School of Literature, Art and Media
02/2018	Selection panel for Kam Ling Barbara Lo Chair in Neurodegenerative Disorders, Brain and Mind Centre
11/2018-2021	Honorary Associate, Sydney Health Ethics, Sydney School of Public Health, Faculty of Medicine and Health
05/2019-present	Member, Oral Health Research Committee (OHRC)
06/2019-2020	Member, Australian Dental Council Working Party for Risk-based Accreditation
2018	Member, Academic Board
2018-2019	Member, University Executive Student Life Committee, The University of Sydney
2018-2019	Chair, University Executive Student Life Working Party Westmead/Parramatta, The University of Sydney
2018-Present	Member, Poche Advisory Board, The University of Sydney
2020-present	Member, Multidisciplinary Advisory Board, Sydney Institute for Infectious Diseases
11/2018-12-2020	Member, University Executive Heads of School Committee
2020-present	Member, Matilda Centre
2020-present	Member of the Research Infrastructure, Data and Informatics Enabler Sub-Committee, Kolling Institute
11/2000-07/2023	Chair, Heads of School Committee
05/2021-present	Member, UE SAGE Advisory Council
01/2021-12/2023	Member, Academic Board
03/2022-present	Member, University Executive People and Culture Committee
09/2022-present	Member of Project Control Board for the One Sydney, Many People Strategy in the Office of the Deputy Vice-Chancellor, Indigenous Strategy & Services

2. National Level

01/2002-01/2007	Working Group Steering Committee, American Medical Informatics Association
10/2001-10/2004	Dental Manufacturers of America, Electronic Environment Committee
11/1997-12/2004	Chair, Dental Informatics Working Group American Medical Informatics Association
2011-02/2021	Member, Advisory Board for the Collaboration on Health IT
05/2012-05/2014	Member, Board of Directors of the Consortium for Oral Health Research and Informatics (COHRI)
07/2012-05/2014	Chair, Education Steering Committee, COHRI

03/2013-03/2014	Secretary, Dental Informatics Section, American Dental Education Association (ADEA)
03/2014-03/2015	Chair Elect, Dental Informatics Section, ADEA
03/2015-03/2016	Chair, Dental Informatics Section, ADEA
03/2016-03/2018	Councillor, Dental Informatics Section, ADEA
04/2014-2019	Member of the Advisory Council, Center for Oral and Systemic Health (COSH) at the Marshfield Clinic
12/2014-02/2018	Representative of the American Association for Dental Research to serve on the American Dental Association's Standards Committee on Dental Informatics (SCDI)
01/2015-02/2018	Chair, ADA SCDI Working Group 13.1 on Educational Software Used in Electronic Media
02/2016-02/2018	Vice Chair, Subcommittee on Knowledge Management, American Dental Association's Standards Committee on Dental Informatics (SCDI)
06/2015-Present	The National Dental Practice-Based Research Network (NDPBRN), member
08/2015-02/2018	Chair, ADA SCDI Working Group 13.4 Use of Computer-Based Resources for Access to Information Supporting Oral Healthcare
09/2015-09/2016	Secretary, Board of Directors of the Consortium for Oral Health Research and Informatics (COHRI)
2018-Present	Executive Member, Australasian Council of Dental Schools (ACODS)
2018-Present	Advisor/mentor, ClinTrial Refer
09/2019-Present	Member, Western Sydney Local Health District Oral Health Plan Steering Committee
10/2019-present	Member, Advisory Board, Transformational Data Collaboration, Australian Health Research Alliance
2020-Present	Member, Strategic Advisory Committee, ACRF Australian Centre of Excellence in Melanoma Imaging & Diagnosis
2021-Present	Member, NSW Oral Health Advisory Group (OHAG), Centre for Oral Health Strategy, NSW Ministry of Health
2021-Present	Member, Clinical Research Health Engineering Work Group at e-Learning Health System Collaboration (e-LECT), jointly led by the University of Sydney, Sydney Local Health District, Northern Sydney Local Health District, and NSW Health
2021-Present	Advisor, ClinTrial Refer