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Curriculum Vitae
Vandana Singh, Ph.D
Associate Professor,
School of Information Sciences,
University of Tennessee, Knoxville,
Email: vandana@utk.edu Website: www.sis.utk.edu/vandana

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EDUCATION

B.Sc.	G.B. Pant University, Pantnagar, India	Economics	1998
M.Sc.	Wageningen University, the Netherlands	Knowledge Management Systems	2001
M.S	University of Chicago	Computer Science	2006
Ph.D.	University of Illinois at Urbana-Champaign,	Information Science	2008

AREAS OF INTEREST

Gender and Information Technology, Open Source Software, Human Computer Interaction, Computer Supported Cooperative Work, Online Communities, Integrated Library Systems, Library & Information Sciences Education, User Experience, Usability, and Online Learning.

WORK EXPERIENCE

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School of Information Sciences, University of Tennessee, Knoxville

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Associate Professor,	August 2014 to date
Director of Undergraduate Studies	May 2017 to April 2019
Acting Associate Director School of Information Sciences,	Jan 2013 to Aug 2013
Coordinator, Information Science and Technology Minor	Aug 2008 to July 2011
Assistant Professor,	Aug 2008 to July 2014

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Department of Information Science, University of North Texas

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Assistant Professor,	Aug 2007 to July 2008
Coordinator, Digital Imaging Track	Aug 2007 to July 2008

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iSchool at the University of Illinois at Urbana Champaign

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Instructor, Undergraduate Minor	Aug 2006 to July 2007
Research Assistant,	August 2003-July 2004
Teaching Assistant, Graduate and Undergraduate	2001-2002, 2002-2003, 2005-2006

HONORS

1. Awarded College of Communication and Information Service and Outreach Award for 2018-2019.
2. Paper nominated for best paper award at the 15th International Conference of Open Source System, 2019.
3. Nominated by the Dean, College of Communication and Information, for Faculty Appreciation Week, February, 2019 https://faw.utk.edu/2019/02/06/vandana-singh/
4. Selected for the UTK Leadership Institute, 2017-2018
5. Winner of the Competition at IISE Annual Conference, Data Analytics and Information Systems Division - Co-Advised a team of students in ISE at UTK to enter a team competition for Mobile Apps. "Speak For Myself" - First Place in May 2018 IISE CIS Division Mobile App competition
6. Recognized by Office of Community Engagement & Outreach, University of Tennessee, recognizes 50 Partnerships that Make a Difference (http://engagement.utk.edu/wp-content/uploads/sites/7/2015/01/117401-Carnegie-Partnershipv9.pdf-2.pdf): Rural Library Professionals Program [Spring 2015].
7. One of Top Five Papers at IFLA 2011, Mehra, B., Black, K., Singh, V., and Nolt, J. (2011). Mapping the Education of Rural Librarians' Technology Literacy and Management Training: Use of Mixed

Data Collection Methods in the ITRL Program. *Proceedings of the World Library and Information Congress: 77th International Federation of Library Associations and Institutions General Conference and Assembly* [Library Theory and Research Section and Statistics and Evaluation Section], 13-18 August 2011, San Juan, Puerto Rico

8. Best Conference Paper ALISE 2011. "What is the Value of LIS Education? A Qualitative Analysis of the Perspectives of Tennessee's Rural Librarians. Bharat Mehra, Kimberly Black, Vandana Singh, & Jenna Nolt

9. Junior Faculty Fellow to Provost, 2010 nominated and selected by School of Information Sciences and College of Communication and Information, July 2010

10. Innovative Technology Award 2010, given by College of Communication and Information, University of Tennessee May 2010

11. Outstanding Assistant Professor 2010 for the year given by School of Information Sciences, College of Communication and Information, University of Tennessee, May 2010

12. Scholar of the Week, University of Tennessee, Week of 7/11/09.

13. Best Note of CSCW 2008 - Singh, V. and Twidale, M., "The Confusion of Crowds: non-dyadic help interactions" Short Paper Computer Supported Cooperative Work Conference, 2008.

14. Best research paper 2006 of the mini-track at Hawaii International Conference on System Sciences – 39 2006

15. Lucile-Huntington Fellowship by the Graduate School of Library and Information Science at UIUC 2004-2005.

16. Dutch Government Fellowship for masters' program Wageningen University (1999-2000)

17. President of the International Students Organization at Wageningen University, the Netherlands. (2000)

18. Speaker at the Graduation Ceremony for masters' students at Wageningen University, 2000

19. National Debate Champion in India for two years (1996 & 1998)

20. President's Award for Best Voluntary Worker of the State for National Service Scheme (1997)

PUBLICATIONS, GRANTS & PRESENTATIONS

Journal Articles Published   *(22 total)*

1. Payne, A. & **Singh, V.** *(2010). Open Source Use in Libraries. Library Review 59(9), 708-717.*

2. Mehra, B., **Singh, V**., and Parris, H. (2010). Open Source Software Collaborations in Tennessee's Regional Library System: An Exploratory Study. *Library Review, 59*(9)*, 690-701.*

3. Mehra, B., Black, K., **Singh, V.,** and Nolt, J. (2011). What is the Value of LIS Education? A Qualitative Analysis of the Perspectives of Rural Librarians in Southern and Central Appalachia [Best Paper for the 2011 Association for Library and Information Science Education (ALISE) Annual Conference]. *Journal of Education for Library and Information Science, 52(4), 265-278.*

4. Mehra, B., Black, K., **Singh, V**., and Nolt, J. (2011). Collaboration between LIS Education and Rural Libraries in the Southern and Central Appalachia: Improving Librarian Technology Literacy and Management Training [Brief Communications and Research in Progress]. *Journal of Education for Library and Information Science, 52*(3), 238-247.

5. **Singh, V.** and Mehra, B. (2012). Strengths and Weaknesses of the Information Technology Curriculum in Library and Information Science Graduate Programs, *Journal of Librarianship and Information Science, first published on May 17, 2012 as doi:10.1177/0961000612448206* 45(3), 219-231.

6. **Singh, V.** (2012)**.** Experiences of Migrating to Open Source Integrated Library Systems, *Information Technology and Libraries, Volume 34 (4), 36-53.*

7. **Singh, V.** and Holt, L. (2012). Learning and Best Practices for Learning in Open Source Software Communities, *Computers and Education 63 (April 2013*), 98–108. http://www.sciencedirect.com/science/article/pii/S0360131512002862

8. **Singh, V**. (2012). Using Open Source Software in Libraries: Implications for Social Justice. *Journal of Qualitative and Quantitative Methods in Libraries, Volume 2, June 2013 Issue.*

9. Mehra, B., Black, K., **Singh, V**., Nolt, J., Williams, K.C., Simmons, S., and Renfro, N. (2012). The Social Justice Framework in the Information Technology Rural Librarian Master's Scholarship Program: Bridging the Rural Digital Divides. *Journal of Qualitative and Quantitative Methods in Libraries*

10. Holt, L. and **Singh, V.** (2012). "Self-direction and Open Source Software Forum Participants: Characteristics and Relationships" *International Journal of Self-Directed Learning, Volume 9, Number 2, Fall 2012, Page 28-43*

11. **Singh, V.** (2013)**.** The nuts and bolts of migration to open source ILS: Experiences and Recommendations from the librarians. *LIBRI International Journal of Libraries and Information Services*, Volume 63, Issue 2, Pages 108–122, ISSN (Online) 1865-8423, ISSN (Print) 0024-2667, DOI: 10.1515/ibri-2013-0009, May 2013

12. Hendrickson, E., **Singh, V.**, and Redmond, C (2013). iPerceive: Platform Priorities and Workplace Innovation in America's Consumer Magazine Industry**.** Journal of the International Symposium on Online Journalism.

13. **Singh, V.** (2013)**.** Why Open Source ILS? Librarians Share their Reasons and Experiences. *LIBRI International Journal of Libraries and Information Services*, 63 (3): 206-219.

14. Holt, L. and **Singh, V.** (2013). Self-direction and Open Source Software Forum Participants: Characteristics and Relationships. *International Journal of Self-Directed Learning***.**

15. Mehra, B., Black, K., **Singh, V**., Nolt, J., Williams, K.C., Simmons, S., and Renfro, N. (2014). The Social Justice Framework in the Information Technology Rural Librarian Master's Scholarship Program: Bridging the Rural Digital Divides. *Qualitative and Quantitative Methods in Libraries Journal,* Special Issue 2014: Social Justice, Social Inclusion (pp 5-11). Retrieved February 25, 2014, from *http://www.qqml.net/papers/Special_Issue_2014_Social_Justice_Social_Inclusion/QQML_Journal_2014_SpecialIssue_5-11_Mehraetal.pdf*

16. Mehra, B., and **Singh, V.** (2014). Recruitment and Retention in the Information Technology Rural Librarian Master's Scholarship Program (Part I and Part II): Implications of Social Justice in the Southern and Central Appalachian Region. *Qualitative and Quantitative Methods in Libraries Journal,* Special Issue 2014: Social Justice, Social Inclusion (pp 13-22). Retrieved February 25, 2014, from http://www.qqml.net/papers/Special_Issue_2014_Social_Justice_Social_Inclusion/QQML_Journal_2014_SpecialIssue_13-22_MehraandSingh.pdf

17. **Singh, V.** (2014). Expectations versus Experiences: Librarians using Open Source Integrated Library Systems. *The Electronic Library, Volume 32 Issue 5, 10 pages*

18. **Singh, V**. (2017). Open source integrated library systems migration: Librarians share the lessons learnt. *Journal of Librarianship and Information Science*. https://doi.org/10.1177/0961000617709059

19. **Singh, V**. and Thurman, A. (2019). Definitions of Online Learning: An investigation into the evolution of online learning definitions (1993- 2018). *American Journal of Distance Education*. Accepted July 2019. https://doi.org/10.1080/08923647.2019.1663082 (forthcoming)

20. **Singh, V.** (2019). Applying Participatory Action Approach to Integrating Professional Librarians into Open Source Software Communities. *Journal of Librarianship and Information Science*. April 2019 https://doi.org/10.1177/0961000619836724

21. Mehra, B., Sikes, E. S., and **Singh, V**. (2019). Scenarios of Health Engagement Experiences and Health Justice in Rural Libraries. *International Journal of Information, Diversity, & Inclusion* (Special Issue: Health Justice. Edited by Paul Jaeger) **DOI:** https://doi.org/10.33137/ijidi.v3i3.32963

22. Mehra, B., Sikes, E. S., and **Singh, V**. (2019) Scenarios of Technology Use to Promote Community Engagement: Overcoming Marginalization and Bridging Digital Divides in the Southern and Central Appalachian Rural Libraries. *Information Processing & Management* (Special Issue: Marginalized Communities, Emerging Technologies, and Social Innovation in the Digital Age. Edited by Jia Tina Du, Iris Xie, and Jenny Waycott). [forthcoming]

Publications in peer-reviewed books (2)

1. Mehra, B., and **Singh, V.** (2017). Library Leadership-In-Training as Embedded Change Agents to Further Social Justice in Rural Communities: Teaching of Library Management Subjects in the ITRL and ITRL2. In Nicole A. Cooke and Miriam E. Sweeney (Eds.), *Teaching for Justice: Implementing Social Justice in the LIS Classroom. Sacramento, CA: Library Juice Press.*

2. Mehra, B., **Singh, V**., Hollenbach, N. and Partee II, R.P. (2017). "A Community Informatics Model in ICT Use to Train Rural Librarians in the Southern and Central Appalachian Region as Change Agents in the 21 Century" Book Chapter proposal in *Rural and Small Public Libraries: Challenges and Opportunities* (Advances in Librarianship book series). Bingley, United Kingdom: Emerald Group Publishing.

3. Mehra, B., Black, K., and **Singh, V.** (Editors). (Under preparation). *Voices of Rural Librarians in the Appalachia: Current Realities and Future Possibilities of Information Technology in the 21st Century.* Manuscript in progress of development.

Peer-reviewed Conference Proceedings *(42 total)*

1. Jones, M. C., Medina, K. E., Rao, A., Rathi, D., **Singh, V**., I-Vote: an audience voting system. Student competition paper. CHI extended abstracts on human factors in computing systems, April 2004

2. Rathi, D., **Singh, V**., Gebauer, J., (2004). Ubiquitous Computing for Knowledge Management. *Proceedings of Knowledge Sharing and Collaborative Engineering (KSCE 2004),* IASTED, November 2004.

3. Rathi, D., Twidale, M., **Singh, V**. (2005). Adapting Knowledge Management Systems for Collaborative Technical Problem Solving. *International Conference on Knowledge Management* (ICKM), ASIST, October 2005.

4. **Singh, V**., Twidale, M., Rathi, D., (2006). Open Source Technical Support – A look at Peer Help Giving. *Proceedings of Hawaii International Conference on System Science (HICSS – 39),* IEEE, January 2006. "Best Paper of the Mini-Track".

5. Rathi, D., Twidale, M. B. **Singh, V**. and Jones, M. C. (2007). Your Mark is My Dirt: Impact of Email Signatures on Decision Making, Proceedings of *9th International Conference on Decision Support Systems*, January 2-4, 2007, India.

6. **Singh, V**. and Twidale, M.B. (2008). The Confusion of Crowds: non-dyadic help interactions. *Proceedings of ACM Conference of Computer Supported Cooperative Work 2008*, San Diego, CA. Winner of "Best Note of CSCW 2008" Award

7. Rathi, D., Twidale, M. B., **Singh, V**. and Bisen, A. (2008). Users = Designers: A Participatory Approach in Designing Knowledge Management System. *Proceedings of International Conference on Knowledge Management (ICKM)*, October 2008.

8. **Singh, V**., (2008). Modes of Technical Support in Open Source Software – Peer to Peer Digital Knowledge Creation, Sharing and Re-Use" Poster, *Proceedings of American Society for Information Science and Technology Annual Conference*, October 2008, Columbus, Ohio

9. **Singh, V**., Twidale, M.B. and Nichols, D.M. (2009). Users of Open Source Software: What are they contributing? *Proceedings of Hawaii International Conference on System Science (HICSS – 42)*, IEEE, January 2009.

10. **Singh, V.** & Johri, A. (2010). Newcomer Participation in Cyber learning Environments: Lessons from Open Source Communities. Poster, National Science Foundation Engineering Education Programs Awardees Conference. January 31- February 2, 2010. Reston, Virginia.

11. **Singh, V.** (2010) Comparison of Technical Support for Open Source Software and Proprietary Software. Poster, *Proceedings of American Society for Information Science and Technology Annual Conference: Navigating Streams in an Information Ecosystem,* October 22-27, 2010, Pittsburgh, PA.

12. Mitra, R., **Singh, V.,** and Johri A., (2011) Cyber learning Ecosystem - Users, Technology and Tools. Poster, *Proceedings of I-Conference, 2011*, Seattle, Washington 2011

13. **Singh, V.,** Johri, A. and Mitra, R. (2011). Types of Newcomers in an Online Developer Community. Interactive Paper, *Proceedings of the Computer Supported Cooperative Work 2011,* (Shanghai, China), ACM, 2011

14. Mehra, B., Black, K., **Singh, V**., and Nolt, J. (2011). Mapping the Education of Rural Librarians' Technology Literacy and Management Training: Use of Mixed Data Collection Methods in the ITRL Program. *Proceedings of the World Library and Information Congress: 77th International Federation of Library Associations and Institutions General Conference and Assembly* [Library Theory and Research Section and Statistics and Evaluation Section], 13-18 August 2011, San Juan, Puerto Rico.

15. **Singh, V.,** Kathuria, S. & Johri**,** A. (2012). Newcomer integration and learning in technical support communities for Open Source Software. Interactive Paper*, Proceedings of ACM Conference on Computer Supported Collaborative Work*, Feb. 11-15, 2012, Seattle, WA.

16. Mehra, B., Black, K., **Singh, V**., Nolt, J., Williams, K.C., Simmons, S., and Renfro, N. (2012). Computer-Enabled Innovations in the Information Technology Rural Librarian Master's Scholarship Program: Bridging Rural Digital Divides in the Southern and Central Appalachia, *Proceedings of the 57ᵗʰ Indian Library Association Annual Conference,* 23-25 February, 2012, Mangalore, Karnataka.

17. **Singh, V** (2012). Using Open Source Software in Libraries: Implications for Social Justice. *Proceedings of the Qualitative and Quantitative Methods in Libraries International Conference (QQML 2012)*, 22 - 25 May 2012, Limerick, Ireland.

18. Mehra, B., Black, K., **Singh, V**., Nolt, J., Williams, K.C., Simmons, S., and Renfro, N. (2012). The Social Justice Framework in the Information Technology Rural Librarian Master's Scholarship Program: Bridging the Rural Digital Divides. *Proceedings of the Qualitative and Quantitative Methods in Libraries International Conference (QQML 2012)*, 22 - 25 May 2012, Limerick, Ireland.

19. Boehm, M. and **Singh, V.** (2012) Citizen Users and Interactivity on Government Environmental Agency Web Pages: An analysis of Colony Collapse Disorder Information.   *Proceedings of American Society for Information Science and Technology,* October 26- 31, 2012, Baltimore, MD.

20. **Singh, V** (2012). Newcomer Integration and Learning in Technical Support Communities for Open Source Software. *Proceedings of the ACM International Conference on Supporting Group Work (GROUP '12)*, 26-30 October, 2012, Sanibel Island, FL, 65-73.

21. Normore, L. and **Singh, V.,** (2012) Mental Models: Setting User Expectations for ICTs. Poster, *Proceedings of I-Conference, 2012*, February 7 -10, 2012 Toronto, Canada

22. Mehra, B., **Singh, V**., Mitchell, C., Williams, K. C., Simmons, S., and Renfro, N. (2012). Empowering Rural Librarians as Change Agents in the 21ˢᵗ century: Development of Community-Based Technology Literacy and Management Outcomes in the Southern and Central Appalachia (Poster). *World Library and Information Congress: 78th International Federation of Library Associations and Institutions (IFLA) General Conference and Assembly*, August 11-17, 2012, Helsinki, Finland.

23. **Singh, V**., and Holt, L. (2013). Online Technical Support: How it Works and why it fails? *Proceedings of the Hawaii International Conference on System Science (HICSS – 46),* IEEE, January 2013.

24. **Singh, V** (2013). A Case Study of Migration to an Open Source ILS: Partnership among State Libraries. *Proceedings of the Qualitative and Quantitative Methods in Libraries International Conference (QQML 2013)*, 3 – 6 June 2013, Rome, Italy.

25. **Singh, V.** (2013) "Evaluating and Improving an Information Portal for Open Source Integrated Library Systems" *Proceedings of the 15ᵗʰ International Conference on Human Computer International 2013 (HCI 2013),* 21-26 July 2013, Las Vegas, USA.

26. **Singh, V**., (2013). "Challenges of Open Source ILS Adoption" Poster, *Proceedings of 76th Annual Meeting of the Association for Information Science and Technology*, Beyond the Cloud: Rethinking Information Boundaries, November 1-6, 2013, Centre Sheraton, Montreal, Quebec, Canada

27. Mehra, B., and **Singh, V**. (2015). A Social Justice Framework to Further Community Engagement in Pakistan's Information Management and Library Professions, *Proceedings of the International Conference on Information Management & Libraries*, Department of Information Management, University of Punjab, Quaid-i-Azam Campus, Lahore-Pakistan, from 10-13 November, 2015.

28. **Singh, V.** (*2017)* "Personas and Scenarios as a methodology for Information Sciences Research: Strengths, Weakness and Example" *Proceedings of the Qualitative and Quantitative Methods in Libraries International Conference (QQML 2017)*, 3 – 6 June 2017, Limerick, Ireland

29. "Speak For Myself" Co-Advised a team of students in ISE at UTK to enter a team competition for Mobile Apps. Winner of the competition - First Place in May 2018 IISE CIS Division Mobile App competition

30. Mehra, M. and **Singh, V.** (2018). "A juried panel, "Library leadership-in-training as embedded change agents to further social justice in rural communities: Teaching of library management subjects in the ITRL and ITRL2. ALISE 2018.

31. Mehra, M., **Singh, V**. and Sikes, E.S. (2018). A works-in-progress poster, "Assessment of rural library professionals' role in community engagement in the Southern and Central Appalachian region: Mobilization from change agents to community anchors (CA2CA@SCA-RL)." ALISE, 2018.

32. Mehra, B., Sikes, E. S.; Barrett, C.; **Singh, V**. (2018). Information technology use behaviors of community-engaged rural librarians: A future beyond the theory-practice discourse to integrate impact. Short paper. Association for Information Science and Technology (ASIS&T) Special Interest Group Information Needs, Seeking and Use (SIGUSE) Symposium, in Vancouver, Canada, November 10-14, 2018.

33. Hank, C., **Singh, V**. and Simone, S. (2019). Social Media Policy Analysis for Primary and Secondary Public Schools and Districts. I-Conference Poster, I-Conference, 2019. 4 pages

34. Mehra, B.; Sikes, E. S.; **Singh, V**. (2019). An Exploratory GIS Prototype to Map Community Engagement in the Southern and Central Appalachian Rural Libraries. Poster. Annual Meeting of the Association for Information Science & Technology, 2019.

35. Mehra, B., Sikes, E.S., **Singh, V**. (2019). Scenarios of Health Engagement Experiences and Health Justice in Rural Libraries. Medical Library Association Conference: Elevate. Chicago, Illinois. May 3-8, 2019

36. Mehra, B., **Singh, V.** and Sike, E.S. (2019). A Model of Community-Engaged Scholarship Across "Institutional Borders" to Assess the Role of Rural Libraries in Community Engagement in the Southern and Central Appalachia. Proceedings of the 47th Annual Conference of the Canadian Association for Information Science, 2019, University of British Columbia, Vancouver, Canada from June 3- 6, 2019

37. **Singh, V**. (2019) "Integrating Professional Librarians into Open Source Software Communities" Annual conference of the Association of Library and Information Science Education, Juried panel at ALISE 2019, Knoxville.

38. **Singh, V.** (2019). "What do global researchers mean when they say "Online Learning?" Annual conference of the Association of Library and Information Science Education, Peer reviewed abstract, Work in Progress poster at ALISE 2019, Knoxville.

39. **Singh, V.** (2019). Women-only spaces of open source. In Proceedings of the 2nd International Workshop on Gender Equality in Software Engineering (GE '19). IEEE Press, Piscataway, NJ, USA, 17-20. DOI: https://doi.org/10.1109/GE.2019.00010

40. **Singh, V.** (2019). Women participation in open source software communities. In Proceedings of the 13th European Conference on Software Architecture - Volume 2 (ECSA '19), Laurence Duchien, Catia Trubiani, Riccardo Scandariato, Raffaela Mirandola, Elena Maria Navarro Martinez, Danny Weyns, Anne Koziolek, Patrizia Scandurra, and Clément Quinton (Eds.), Vol. 2. ACM, New York, NY, USA, 94-99. DOI: https://doi.org/10.1145/3344948.3344968

41. **Singh, V.** and Brandon W. (2019) Open Source Software Community Inclusion Initiatives to Support Women Participation. In: Bordeleau F., Sillitti A., Meirelles P., Lenarduzzi V. (eds) Open Source Systems. OSS 2019. IFIP Advances in Information and Communication Technology, vol 556. Springer, Cham https://link.springer.com/chapter/10.1007/978-3-030-20883-7_7

42. **Singh, V.** and Brandon, W. (2020). How do the women of Open Source support each other? An investigation into women-focused online discussion forums. Proceedings of 53rd Hawaii International Conference on System Sciences, January 7th to January 10th, 2020, Maui, Hawaii.

Articles published in non-referred journals   *(2 total)*

1. Mehra, B., Black, K., **Singh, V**., Renfro, N., Reynolds, D., Simmons, S., & Williams, K. C. (2010). Rural Library Professionals as Change Agents in the 21st Century: Integrating Information Technology Competencies in the Southern and Central Appalachian Region. *Tennessee Libraries.*

2. Black, K., Mehra, B., and **Singh, V.** (2011). Scope of Broadband Education and Deployment in Rural Libraries: Desperately-Seeking Partners in a Grant Proposal. Tennessee Libraries.URL: http://tnla.org/displaycommon.cfm?an=1&subarticlenbr=428.

GRANTS   *(13 in number, totaling up to 3 million dollars)*

Completed

2007- 2008.	The Texas Course Redesign Learning Object Repository: Research and Development for a Production System. Funded by: Texas Higher Education Coordinating Board **V. Singh, Co-PI**. Funds $250,000
2007 - 2008.	Technical Support in Open Source Software – Peer to Peer Digital Knowledge Creation, Sharing and Re-Use Funded by: University of North Texas under Junior Faculty Research Grant. **V. Singh, PI** ($10,000)
2009 - 2011	Increasing Biodiversity Information Sources (IBIS) Principal Investigator: C. Tenopir. **Co-Principal Investigators**: S. Allard, L. Normore, V. Singh. Funded by: USGS – National Biological Information Infrastructure $498,518
2009 - 2012	Identifying Practices and Tools to Promote newcomer Participation in Cyber learning Environments. Funded by: NSF IEEE-Exploratory Grant **V. Singh, PI** ($200,000)
2009 - 2013	Comparison of Technical Support for Open Source vs Proprietary Integrated Library Systems Funded by: IMLS Early Career Grant $321,178 **V. Singh, PI**
2009 - 2013	Information Technology Competencies for Librarians Funded by: IMLS Award Amount: $567,660 Dr. Bharat Mehra, (PI), Dr. Kimberly Black and **Dr. V. Singh**, **Co-PIs**
2012 – 2013	iLearn? Magazine platform production and adaptive learning, Funded By: Office of Research, University of Tennessee, Co-PIs **V. Singh** and Elizabeth Hendrickson $3,600
2012-2013	Deans Summer Research Grant $2000
2009 - 2014	"ScienceLinks2" PhD. Principal Investigator: Suzie Allard (SIS), Co-Principal Investigators: Sally McMillan (Advertising/PR), and Carol Tenopir (SIS). Academic Mentor **V. Singh**, L. Normore. Funded by: IMLS $711,727.
2014-2015	Deans Summer Research Grant $2000
2012 - 2016	Rural Library Professionals as Change Agents in the 21st Century: Integrating Information Technology Competencies in the Southern and Central Appalachian Region (Part II) (ITRL2) Funded by: Institute of Museum and Library Services, *Laura Bush 21st Century Librarian Program* , B. Mehra, PI and **V. Singh, Co-PI**. ($478,258)
2016-2017	Assessment of Rural Librarians' Role in Community Engagement in the Southern & Central Appalachian Region: Mobilization from Change Agents to Community Anchors

(CA2CA@SCA-RL) Pre-proposal submitted to IMLS, August 2016, B. Mehra. & **V. Singh (Co-PI)** ($48,758)

2018 – 2019   Online learning fusion grant Funded by UTK, **V. Singh** and Shteynberg, G. ($10,000)

Submitted, not funded

- **Singh, V**. **(PI)** and Hendrickson E. (Co-PI) Media Creators Adapting to Change: Management of Lifelong Learning in Technology. National Science Foundation. $407, 330

- **V. Singh, (PI)** & Twidale, M.B. (Co-PI) Assessment and Evaluation of Usability of Open Source Software for Libraries. Pre-proposal submitted to IMLS, August 2016, $469,699. (Not funded)

- **V. Singh, (PI)** & Twidale, M.B. (Co-PI) Revised Assessment and Evaluation of Usability of Open Source Software for Libraries. Pre-proposal submitted to IMLS, February 2017, $469,699. (Not funded)

- **V. Singh, (PI),** Twidale, M.B. & Mehra, B. (Co-PI) Developing a Road Map to Integrate Library Professionals in the Design, Development, Tailoring and Support of Open Source Software (OSS) through Participatory Action Research. $371,658 2017- 2018 (Not funded)

<u>TEACHING EXPERIENCE</u>

<u>Courses Taught at the University of Tennessee (Fall 2008 – to date)</u>

1. **INSC 585:** Information Technologies Fall 2008, Spring 2009, Fall 2009
2. **INSC (567) 581:** Information Networking Application Spring 2009, Fall 2009, Spring 2010, Fall 2010, Spring 2011, Summer 2011, Fall 2011, Spring 2012, Fall 2013, Spring 2013, Fall 2013, Fall 2014, Spring 2015, Fall 2015, Fall 2016, Spring 2017, Spring 2018, Spring 2019
3. **INSC 598:** Web Design, Spring 2012, Spring 2015, Fall 2016, Spring 2018
4. **INSC 590:** Web Development Using Content Management Systems Summer 2015
5. **INSC 586:** Usability Testing and Methods, Fall 2018, Fall 2019
6. **INSC 514:** Foundations of Information Technology, Fall 2019

7. **INSC 591:** Independent Study, **30** since Fall 2008

<u>Courses taught at the University of North Texas (Fall 2007 – Spring 2008)</u>

SLIS Topics on Digital Imaging for Information Professional

<u>Courses taught at the University of Illinois Urbana-Champaign</u>

Undergraduate Courses
1. **LIS 201** Information, Technology and Organizations
2. **LIS 202** Social Aspects of Information Systems
3. **LIS 210** Computing in the Humanities
4. **LIS 290** Programming Web Mashups

Graduate Courses
1. **LIS 310** Information, Organization and Access (*on Campus and Online*)
2. **LIS 320** Libraries, Information and Society

DISSERTATION AND THESIS COMMITTEES

Thesis Supervised

Meredith Boehm "Analysis of CCD Information on WWW: Complex Environmental Problems and Web Information Quality" Thesis defended May 2012.

Membership on graduate degree candidates committees

1.   **Doctoral Dissertation Committees**
    1. Jason Rieger, PhD Program College of Communication and Information, UTK
    2. Lei Wu, PhD Program College of Communication and Information, UTK
    3. Chip Howley, PhD Program in Computer Science (EECS department), UTK
    4. Kelly Robinson, PhD Program in Instructional Technology, UTK
    5. Rosie Sasso, PhD Program in Instructional Technology, UTK
    6. Frank Ailes, PhD Program College of Communication and Information, UTK

2.   **Doctoral Committee for Comprehensive Exam:**
    1. Lei Wu, PhD Program College of Communication and Information, UTK
    2. Jason Rieger, PhD Program College of Communication and Information, UTK
    3. Rosie Sasso, PhD Program in Instructional Technology, UTK
    4. Kelly Robinson, PhD Program in Instructional Technology, UTK

3.   **ePortfolio**
    1. Janelle Cleaves, 2016
    2. Kymberlee Byrge, 2016
    3. Kathrine Chalman, 2016
    4. Michael Arrington, 2017
    5. Kathleen Tyree, 2017
    6. Chelsea Seddon, (chair) 2018
    7. Amy Esgh, (chair) 2019
    8. Susannah Choate (chair), 2018
    9. Sarah Holt, 2019
    10. Heather Doncaster (chair), 2019
    11. Timothy Holmes (chair), 2019

4.   **Master's Thesis Committee Member**
    1. Sarah McClung , School of Information Sciences, Advisor: Dr. Suzie Allard
    2. Scott E. Sikes, School of Information Sciences, Advisor: Dr. Bharat Mehra

SCHOOL, COLLEGE AND UNIVERSITY SERVICE

School of Information Sciences
1. *Coordinator*, Undergraduate Information Science and Technology Minor UT School of Information Sciences 2008-2009, 2009-2010, 2010-2011
2. *Chair,* Comprehensive Examination Committee, UT School of Information Sciences, Fall 2010, Fall 2013
3. *Chair,* Ad hoc Physical Facilities and Technology Chapter, Committee on Accreditation Report, UT
4. School of Information Sciences, 2014-2015, 2015-2016
5. *Chair,* CRISP Committee on Physical Facilities and Technology, 2013-2014, 2014-2015
6. *Chair,* Peer Teaching Evaluation for Dr. Devendra Potnis, Spring 2015
7. *Chair,* Task Force for Planning for an Undergraduate Major*, 2016 - 2017
8. *Co-Chair,* Faculty Search Committee, UT School of Information Sciences, 2012-2013

9. *Member,* Student Affairs Committee, UT School of Information Sciences, 2008-2009, 2009-2010, 2010-2011
10. *Member,* Faculty Search Committee, UT School of Information Sciences, 2009-2010, 2010-2011
11. *Member,* Comprehensive Examination Committee, UT School of Information Sciences, Fall 2009, Summer 2010, Spring 2011, Fall 2009 , Summer 2010, Spring 2012, Summer 2013, Fall 2014, Fall 2016, Spring 2015, Fall 2016, Spring 2017
12. *Member,* Ad hoc Student Chapter, Committee on Accreditation Report, UT School of Information Sciences, 2008-2009
13. *Member,* Ad hoc Data Management Task Force for Accreditation, 2014-2015, 2015-2016
14. *Member,* Faculty Affairs Committee, UT School of Information Sciences, 2011-2012 (Spring), 2012-2013, 2013 – 2014, 2014-2015, 2015-2016
15. *Member,* Alternatives to Comprehensive Examination Committee, UT School of Information Sciences, 2014-15
16. *Member,* E-portfolio Revision Committee, UT School of Information Sciences, 2014-2015
17. *Member,* Peer Teaching Evaluation for Dr. Kimberly Douglass, Spring 2015
18. *Member,* Task Force for Planning for an Undergraduate Major*,* Spring 2016
19. *Member,* Recruitment & Engagement Task Force, 2016-2017
20. *Member, SIS Administrative Committee, 2017-2018, 2018-2019*
21. *Chair,* Undergraduate Task Force, 2016-2017
22. *Chair,* Undergraduate Program Committee, 2017-2018, 2018-2019

College of Communication and Information
1. *Chair, Undergraduate Committee,* College of Communication and Information, 2017-2018, 2018-2019
2. *Member,* Faculty Affairs Committee, College of Communication and Information, 2014-2015, 2015-2016
3. *Member,* Research Advisory Group, College of Communication and Information Symposium, 2014-2015, 2017-2018
4. *Member,* Undergraduate Affairs Committee UT College of Communication and Information, 2008-2009, 2009-2010, 2010-2011, 2011-2012
5. *Member,* Convergence Lab Committee, UT College of Communication and Information, 2008-2009, 2009-2010
6. *Member*, PhD Task Force, UT College of Communication and Information, 2010-2011
7. *Member,* Convergence Lab Committee, College of Communication and Information University of Tennessee 2008-2009
8. *Member*, Special Task Force for PhD program revision, College of Communication and Information University of Tennessee 2010-2011, 2011-2012

University of Tennessee, Knoxville
1. *Junior Faculty Fellow* – 2010-2011, 2011-2012, 2012-2013, 2013-2014
2. *Senator* – Faculty Senate 2014-2015, 2015-2016, 2016-2017, 2016-2017
3. *Member,* Faculty Senate Committee on Library Services and Information Technology, 2014-2015, 2015-2016, 2016-2017
4. *Member,* Research Council, 2016-2017
5. *Member,* Undergraduate Council, 2017-2018
6. Member, Undergraduate Council 2017-2018, 2018-2019
   a. Member, Curriculum Committee
   b. Member, Research Committee
7. Member, Appeals Committee, 2017-2018, 2018-2019

PROFESSIONAL SERVICE

1. *Editorial Board Member,* Public Library Quarterly, 2017-2018, 2018-2019
2. *Articles Reviewer,* for Information Technology in Healthcare Track, Mini track: Cyberinfrastructure for Public Health and Health Services for Hawaii International Conference on System Sciences 2010
3. *Articles Reviewer,* for Internet and the Digital Economy Mini-Track: Open Movements: FLOSS, Open Contents, Open Access and Open Communities for Hawaii International Conference on System Sciences 2010, 2011, 2013
4. *Co-chair* for Internet and the Digital Economy Mini-Track: Open Movements: FLOSS, Open Contents, Open Access and Open Communities for Hawaii International Conference on System Sciences 2010, 2014
5. *Article Reviewer* for Journal of Education Library and Information Science, Fall 2010
6. *Article Reviewer* for Library and Information Science Research, Summer 2011
7. *Article Reviewer* for American Society for Information Science and Technology, Summer 2011
8. *Article Reviewer for* the Electronic Library, Spring 2012, Fall 2012
9. *Article Reviewer for* Computers and Education, Spring 2012, Fall 2012, 2013, 2018
10. *Article Reviewer for* I-Conference 2014
11. *Article Reviewer for* Computers and Human Behavior, 2013, 2014, 2015
12. *Co-chair* for Internet and the Digital Economy Mini-Track: Open Movements: FLOSS, Open Contents, Open Access and Open Communities for Hawaii International Conference on System Sciences 2014
13. *Reviewer* for Student Scholarships for Grace Hope Celebration of Women in Computing, 2018
14. *Reviewer* for Student Scholarships for Grace Hope Celebration of Women in Computing, 2019
15. *Organizing Committee member* for the track on Open Source Software at the Grace Hope Celebration of Women in Computing, 2018
16. *Organizing Committee member* for the track on Open Source Software at the Grace Hope Celebration of Women in Computing, 2019

PROFESSIONAL ACTIVITIES

- Panelist for National Science Foundation Panel for Engineering Education Research proposals submitted to Area One of the Innovations in Engineering Education, Curriculum and Infrastructure (IEECI) announcement (NSF10-502). March 16-17, Washington D.C.
- Mini-Track Co-chair for Hawaii International Conference on System Sciences – In this role I worked with other co-chairs to propose the mini-track, publicize the mini-track, solicit contributions, prepared a list of reviewers, organized the review process and wrote reviews and acceptance/rejection letters and will help in running the mini-track at the conference.
- Attended Web Wise 2010 - Imagining the Digital Future -Conference on Libraries and Museums in the Digital World March 3-5, 2010 Colorado Convention Center Denver, Colorado.
- Attended Proposal Writing Institute offered by UT Office of Research, Fall 2015

Current member of:
- American Society for Information Science & Technology
- Association of Computing Machinery
- Association of Library and Information Science Educators