

**CURRICULUM VITAE
HARVEY HENSON, JR.**

Assistant Professor

Department of Curriculum and Instruction, College of Education and Human Services

Department of Geology, College of Science

Interim Director, STEM Education Research Center

Director, Science, Mathematics and Action Research for Teachers (SMART) MSMSEd Program

475 Clocktower Drive
Southern Illinois University
Carbondale, IL 62901-4630
Phone: (618) 453-4214
Email: henson@siu.edu

Table of Contents

I.	CONTACT INFORMATION	1
II.	EDUCATION	1
III.	PROFESSIONAL EXPERIENCE	1
IV.	COURSES	2
V.	GRADUATE TEACHING AND PROGRAM ADMINISTRATION	3
VI.	FUNDED GRANTS AND CONTRACTS (\$26,980,773 TOTAL SUPPORT)	3
VII.	OTHER FUNDED GRANTS AND CONTRACTS AND DONATIONS (\$337,726 TOTAL SUPPORT)	6
VIII.	PUBLICATIONS	7
	JOURNAL ARTICLES	7
	BOOK CHAPTERS	8
	REPORTS	9
	PEER-REVIEWED EXPANDED ABSTRACTS	9
	CONFERENCE PROCEEDINGS, TRANSACTIONS AND ABSTRACTS	9
	DISSERTATION AND THESIS	19
IX.	CREATIVE WORKS	19
X.	WORKSHOPS, CONFERENCE PRESENTATIONS, INVITED TALKS AND LECTURES (SELECT LIST) ..	19
XI.	RESEARCH PROJECTS (SELECT LIST)	24
XII.	EDUCATIONAL OUTREACH AND COMMUNITY SERVICE (SELECT LIST)	26
XIII.	RADIO, TELEVISION AND NEWSPAPER INTERVIEWS AND ARTICLES (SELECT LIST)	27
XIV.	SERVICE AND COMMITTEES	29
XV.	HONORS AND AWARDS	30
XVI.	PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS	31
XVII.	STUDENT MENTORING (SELECT LIST)	31
XVIII.	RECENT COLLABORATORS (SELECT LIST)	32
XIX.	DOCTORAL, MASTERS AND GRADUATE STUDENTS	32

CURRICULUM VITAE of HARVEY HENSON, JR.

I. CONTACT INFORMATION

Office Address: Pulliam Hall 301A
STEM Education Research Center
Mail Code 4630
475 Clocktower Drive
Southern Illinois University Carbondale
Carbondale, IL 62901-4630
Phone: (618) 453-4214
Email: henson@siu.edu

II. EDUCATION

Ph.D. Science Education	Southern Illinois University, Carbondale, IL, 2015
M.S. Geology/Geophysics	Southern Illinois University, Carbondale, IL, 1989
B.S. Geology	Ball State University, Muncie, IN, 1985

III. PROFESSIONAL EXPERIENCE

2016-	Assistant Professor Curriculum and Instruction, College of Education and Human Services Department of Geology, College of Science Southern Illinois University Carbondale, IL
2016-	Interim Director STEM Education Research Center, Southern Illinois University Carbondale, IL
2016	Program Coordinator Biological Sciences Education Program Curriculum and Instruction, College of Education and Human Services
2015-	PI and Co-Director (2015-2017) Illinois Junior Science and Humanities Symposium College of Science, Southern Illinois University Carbondale, IL
2008-	Director, Co-PI and Instructor <i>Science and Mathematics Teacher (SMART) MSMSEd Graduate Program</i> College of Science & College of Education and Human Services Southern Illinois University Carbondale, IL
2008-2016	Assistant Dean College of Science, Southern Illinois University Carbondale, IL
2001-	Director and Co-PI <i>Young Earth Scientists (YES) Project</i> College of Science, Southern Illinois University Carbondale, IL

CURRICULUM VITAE of HARVEY HENSON, JR.

- 2001-2016 Instructor in Geosciences
Department of Geology, Southern Illinois University Carbondale, IL
- 1999-2008 Director, Basics in Geology (BIG) afterschool program
Department of Geology, Southern Illinois University Carbondale, IL
- 1996- Adjunct Curator in Geology – *Science Education and Outreach*
University Museum, College of Liberal Arts, Southern Illinois University
Carbondale, IL
- 1996-2008 Research Project Specialist in Geology
Department of Geology, Southern Illinois University Carbondale, IL
- 1990-1996 Research Project Specialist in Seismology
Department of Geology, Southern Illinois University Carbondale, IL
- 1988-1990 Research Assistant in Seismology
Department of Geology, Southern Illinois University Carbondale, IL
- 1988 Consulting Geophysicist
AMAX Coal Company, Marion, IL
- 1987-1988 Geophysics Technician
Department of Geology, Southern Illinois University Carbondale, IL
- 1986-1987 Teaching Assistant
Department of Geology, Southern Illinois University Carbondale, IL
- 1985-1986 Research Assistant in Seismology
Department of Geology, Southern Illinois University Carbondale, IL

IV. COURSES

- CI 390D Independent Readings in Science
- CI 427 Science Processes & Concepts for Teachers 4-8 Grades
- CI 426 Introduction to Teaching Elementary School Science
- CI 526 Problems in Elementary Science Education
- CI 590D Readings in Science
- CI 593D Research in Science
- SCI 503A Science for Elementary Teachers
- SCI 503B Science for Elementary Teachers
- UCOL 101S Foundations of Inquiry (helped develop and co-teach course)
- GEOL 112 Geology and the Environment (Laboratory)
- GEOL 221 Earth through Time
- GEOL 224 Earth through Time Laboratory
- GEOL 440 Advanced Topics in Geological Sciences (Independent Study & Research)
- GEOL 437 Field Course in Geophysics (field and lab instructor)
- GEOL 585 Earth and Space Science for Teachers (helped develop course)
- GEOL 591 Individual Research in Geology

CURRICULUM VITAE of HARVEY HENSON, JR.

V. GRADUATE TEACHING AND PROGRAM ADMINISTRATION

SMART (Science, Math & Action Research for Teachers) MSMSEd Graduate Program

PI and Creator of MSP/PD program for Teachers; Director and Instructor; 2008-present

MATH 411	Mathematical Topics for Teachers
SCI 503A	Science for Elementary School Teachers
BIOL 500	Contemporary Biology for Teachers
CHEM 506	Chemistry Topics for Teachers
GEOL 585	Earth and Space Science for Teachers
MATH 511	Advanced Topics in the Teaching of Mathematics
PHYS 575	Special Physics Topics for Teachers
CI 530	Teaching Problem Solving in School Mathematics (Grades K-8)
CI 522	Integration of Technology into Science and Mathematics Education
CI 428	Science Methods and Curriculum Development for K-8
CI 593(d)	Individual Research in Science Education
CI 593(e)	Individual Research in Mathematics Education
CI 539	Leadership in Mathematics and Science

With Lingguo Bu (Math Education, SIUC), Mary Wright (Mathematics, SIUC) and Frackson Mumba (formerly Curriculum & Instruction, SIUC) We developed and implemented an innovative Master of Science Degree in Mathematics and Science Education (MSMSEd) for elementary and middle school mathematics and science teachers through a Science, Mathematics and Action Research for Teachers (SMART) program (www.smart.siu.edu). This program was funded through Illinois State Board of Education (ISBE), (\$1.3 million). Since 2010, 53 teachers have graduated from the program. Faculty from seven programs and departments across the SIUC campus are involved in this degree program.

VI. FUNDED GRANTS & CONTRACTS (\$26,710,637 total support)

1. *"Illinois Science Assessment Partnership – Item Development & Scoring"*
Principal Investigator: **Harvey Henson**
Agency: ISBE Amount: \$13,937,891 13,667,755 Period: 02/15/18 - 06/30/22
2. *"Making Science Connections 2"*
Co-Principal Investigators: **Harvey Henson**, Senetta Bancroft & Angela Box
Agency: Regional Office of Ed 45 & ISBE Amount: \$86,456 Period: 02/15/18 - 08/31/18
3. *"Making Math Connections 2"*
Co-Principal Investigators: **Harvey Henson**, Wesley Calvert & Lingguo Bu
Agency: Regional Office of Ed 45 & ISBE Amount: \$86,456 Period: 02/15/18 - 08/31/18
4. *"Illinois Junior Science and Humanities Symposium"*
Co-Principal Investigators: **Harvey Henson**, Valerie Rasp, Duane Lickteig & Angela Box
Agency: Academy of Applied Science Amount: \$14,450 Period: 09/01/17 - 08/31/18

CURRICULUM VITAE of HARVEY HENSON, JR.

5. *"Making Math Connections"*
Co-Principal Investigators: **Harvey Henson**, Wesley Calvert, Lingguo Bu & Senetta Bancroft
Agency: Regional Office of Ed 45 & ISBE Amount: \$66,002 Period: 03/15/17 - 08/31/17
6. *"Making Science Connections"*
Co-Principal Investigators: **Harvey Henson**, Senetta Bancroft & Angela Box
Agency: Regional Office of Ed 45 & ISBE Amount: \$46,005 Period: 03/15/17 - 08/31/17
7. *"Illinois Science Assessment Partnership"*
Principal Investigator: **Harvey Henson**
Agency: Illinois State Board of Education Amount: \$3,215,056 Period: 01/27/17 - 03/01/18
8. *"Pathways to STEM Leadership Careers"*
Co-Principal Investigators: Bruce DeRuntz, **Harvey Henson**, Terri Harfst & Laurie Bell
Agency: NSF Scholarships in STEM Amount: \$999,994 Period: 09/15/16 - 08/31/21
9. *"Illinois Junior Science and Humanities Symposium"*
Co-Principal Investigators: **Harvey Henson**, Valerie Rasp & Duane Lickteig
Agency: Academy of Applied Science Amount: \$14,032 Period: 09/01/16 - 08/31/17
10. *"I-STEM Network Local Area Partnerships"*
Co-Principal Investigators: Wesley Calvert, Lingguo Bu, **Harvey Henson** & Ron Nagrodski
Agency: Regional Office of Ed 30 & ISBE Amount: \$23,850 Period: 07/01/16-08/31/16
11. *"I-STEM Math and Science Teacher Workshops and Professional Development"*, Co-Principal Investigators: Greg Budzban, Wesley Calvert, Lingguo Bu, **Harvey Henson** & Ron Nagrodski
Agency: Regional Office of Ed 30 & ISBE Amount: \$23,850 Period: 07/01/15-08/31/15
12. *"Disaster Mitigation & Readiness: Development & Implementation of Multi-Purpose Educational Media"* Co-Principal Investigators: **Harvey Henson** & Lingguo Bu
Agency: IEMA/FEMA & SIU Amount: \$309,131 Period: 05/02/14-6/30/18
13. *"Community of Problem-Solvers: Teachers Leading Problem-Based Learning in So. Illinois"*
Co-Principal Investigators: Karen Renzaglia, **Harvey Henson**, Frackson Mumba & Lingguo Bu
Agency: NSF Robert Noyce Master Teacher Fellowships
Amount: \$3,250,000 Period: 10/01/11–09/30/18
14. *"Southern Illinois Partnership for Achievement in Math & Science (SIPAMS III)"*
Co-Principal Investigators: Frackson Mumba, **Harvey Henson**, Mary Wright & Lingguo Bu
Agency: Illinois Board of Higher Ed Amount: \$249,000 Period: 09/01/12-09/30/13
15. *"Science, Mathematics and Action Research for Teachers (SMART II Final Phase)"*
Co-Principal Investigators: Mary Wright, Frackson Mumba, **Harvey Henson** & Lingguo Bu
Agency: Illinois State Board of Education Math & Science Partnership
Amount: \$50,000 Period: 09/01/12–08/31/13
16. *"Earthquake Awareness and Outreach Partnerships in Education"*
Principal Investigator: **Harvey Henson**

CURRICULUM VITAE of HARVEY HENSON, JR.

Agency: IEMA – Earthquake Hazard Reduction State Assistance Program
Amount: \$13,900 Period: 02/01/12-12/31/12

17. *“Science, Mathematics and Action Research for Teachers (SMART II)”*
Co-Principal Investigators: Mary Wright, **Harvey Henson** & Frackson Mumba
Agency: Illinois State Board of Education Math & Science Partnership
Amount: \$250,000 Period: 09/01/11–08/31/12
18. *“Southern Illinois Partnership for Achievement in Math & Science (SIPAMS II)”*
Co-Principal Investigators: Frackson Mumba, **Harvey Henson**, Mary Wright & Lingguo Bu
Agency: Illinois Board of Higher Ed Amount: \$ 311,000 Period: 04/01/11-09/30/12
19. *“Southern Illinois Fellowships for Teachers in Rural Schools (SIFTRS)”*
Co-Principal Investigators: Mary Wright, **Harvey Henson**, Frackson Mumba & Karen Renzaglia
Agency: NSF Robert Noyce Program Amount: \$74,544 Period: 08/01/10- 6/30/11
20. *“Southern Illinois Partnership for Achievement in Math & Science (SIPAMS)”*
Co-Principal Investigators: Frackson Mumba, **Harvey Henson**, Mary Wright & Lingguo Bu
Agency: Illinois Board of Higher Ed Amount: \$298,000 Period: 04/01/10-09/30/11
21. *“New Energy Workforce Systems (NEWS) Project to promote STEM Education”*
Co-Principal Investigators: **Harvey Henson**, Frackson Mumba & Jay Means
Agency: Department of Labor & West Kentucky Community and Technical College
Amount: \$30,000 Period: 09/01/09-02/15/12
22. *“Earthquake Awareness & Preparedness: PBS Video Production and Public Dissemination”*
Principal Investigator: **Harvey Henson**
Agency: IEMA/FEMA Amount: \$45,444 Period: 08/19/09-02/29/12
23. *“Green Scholarships: Training Undergraduates to Solve Environmental Problems”*
Co-Principal Investigators: Karen Renzaglia & **Harvey Henson**
Agency: NSF Scholarships in STEM Amount: \$600,000 Period: 04/01/09 - 07/31/14
24. *“Science, Mathematics and Action Research for Teachers (SMART)”*
Co-Principal Investigators: Mary Wright, Frackson Mumba & **Harvey Henson**
Agency: Illinois State Board of Education Math & Science Partnership
Amount: \$999,920 Period: 09/07-08/31/11
25. *“Heartland Ecological/Environmental Academic Research Training (HEART) GK-12”*
Co-Principal Investigators: Karen Renzaglia, **Harvey Henson**, F. Mumba, D. Gibson & S. Sipes
Agency: NSF – Graduate Teaching Fellows in K-12 Education (GK-12)
Amount: \$1,862,457 Period: 01/07-05/13
26. *“Remote Sensing Investigation at Campground Church Cemetery near Anna, Illinois”*
Principal Investigator: **Harvey Henson**
Agency: National Park Service Nat. Trails System Amount: \$15,135 Period: 01/07-07/09

CURRICULUM VITAE of HARVEY HENSON, JR.

27. *“Geo-Archaeology Investigation of Pueblo Ruins Near Dove Creek, CO”*
Principal Investigator: **Harvey Henson** Agency: Colorado Historical Society Assessment Cost Challenge Grant Amount: \$1,200 Period: 05/05-07/05
28. *“Southern Illinois Math and Science Alliance (SIMSA)”*
Co-Principal Investigators: **Harvey Henson**, Kathy Pericak-Spector & Susan Pearlman
Agency: ISBE: Math & Science Partnerships & Regional Office of Education 02
Amount: \$35,000 Period: 01/05-12/05
29. *“The Young Earth Scientists (YES) Project - Scientific Literacy”*
Co-Principal Investigators: **Harvey Henson** & Robert DeHoet
Agency: Illinois State Board of Education Amount: \$72,000 Period: 01/01-01/02

VII. OTHER FUNDED GRANTS AND CONTRACTS AND DONATIONS (\$337,726 total support)

1. Undergraduate Computer Lab Upgrade for Department of Geology
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergraduate Student Tuition Surcharge for Technology Amount: \$5,135 Period: 01/12-12/12
2. Undergraduate Computer Lab Upgrade for Department of Geology
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergraduate Student Tuition Surcharge for Technology Amount: \$7,175 Period: 01/11-12/11
3. Geology 111/112 Student Lab Upgrade
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergraduate Student Tuition Surcharge for Technology Amount: \$7,200 Period: 01/11-12/11
4. Undergraduate Computer Lab Upgrade for Department of Geology
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergrad Tech Fee Amount: \$5,685 Period: 01/10-12/10
5. Geology 111/112 Student Computer Lab Upgrade
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergrad Tech Fee Amount: \$12,300 Period: 01/09-12/09
6. Department of Geology Undergraduate Computer Lab Upgrade
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergrad Tech Fee Amount: \$5,450 Period: 01/07-12/07
7. Geology 111/112 Computer Lab Upgrade
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergrad Tech Fee Amount: \$5,450 Period: 01/07-12/07
8. Earth Science Inquiry at SIUC
Principal Investigators: **Harvey Henson** & Bob DeHoet, Agency: Saluki Kids Academy Amount: \$4,769 Period: 01/06-7/06

CURRICULUM VITAE of HARVEY HENSON, JR.

9. Department of Geology Undergraduate Computer Lab
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergrad Tech Fee
Amount: \$2,737 Period: 01/06-12/06
10. Geology 111/112 Student Computer Lab Upgrade
Principal Investigators: **Harvey Henson** & Steven Esling Agency: SIUC Undergrad Tech Fee
Amount: \$5,475 Period: 01/06-12/06
11. Problem Based Learning Symposium and Teacher Training in Earth Science
Principal Investigator: **Harvey Henson** Agency: Southern Illinois Teaching Quality
Collaborative Program Amount: \$3,200 Period: Summer & Fall 2005
12. Mercury International, Inc. (\$80,000) Donation of the *iXL* seismic workstation processing
system, including software, hardware, training, support, and installation, 1996
13. PCI (\$70,000) Donation of geo-spatial image processing system software, 1996
14. Hewlett Packard (\$1,500) HP7600 plotter upgrade and computer equipment donation, 1995
15. Halliburton G. S. (\$120,000) Donation of digital seismic processing software package,
training & support, 1994
16. Hepp Drilling Co. (\$1,650) Donation of materials & installation of remote earthquake
seismograph, 1993

VIII. PUBLICATIONS

Journal Articles

1. Adam al Sultan, Harvey Henson & Peter Fadde (2018). "Pre-Service Elementary Teachers' Scientific Literacy and Self-Efficacy in Teaching Science." *International Academic Forum (IAFOR) Journal of Education* 6(1): 18pp. <https://doi.org/10.22492/ije.6.1.02>
2. Lingguo Bu & Harvey Henson (2016). "Modeling a Total Solar Eclipse Using GeoGebra." *North American GeoGebra Journal* 5(1): 61-71.
3. Lingguo Bu, Frackson Mumba, Harvey Henson & Mary Wright. (2013). "GeoGebra in professional development: The experience of rural in-service elementary (K-8) teachers." *Mevlana International Journal of Education* 3(3): 64-76.
4. Simeon Mbewe, Frackson Mumba, Mary Wright, Harvey Henson & Vivian Chabalengula (2011). "Assessing Mathematics and Science Teachers' Reformed Teaching through Examination of Inquiry-based Pedagogical Practices." *Journal of Research and Practice of International Cooperation in Science, Mathematics and Technology Education*, 3 (1): 20-34.
5. Lingguo Bu, Frackson Mumba, Mary Wright & Harvey Henson (2011). "Improving teachers' attitudes toward mathematics teaching: Model-Centered Learning and open source learning technology." In M. Koehler & P. Mishra (Eds.), *Proceedings of Society for Information Technology & Teacher Education*, International Conference Mar 7, 2011, pp.180-184, Chesapeake, VA, Association for the Advancement of Computing in Education.

CURRICULUM VITAE of HARVEY HENSON, JR.

6. Steven DiNaso, Vince Gutowski, Harvey Henson & Ryan Leonard (2010). "Lost graves, Trail of Tears: A team effort of RTK DGPS, GIS, and GPR." *GPS World* 21(4): 49-50. **2010 On the Edge Application Challenge Winner.**
7. Harvey Henson, Jr., Dawn E. Cobb, Steven Di Naso, Vince Gutowski & Al Strahan (2008). "Geophysical and Archaeological Investigations to Relocate the Strahan Cemetery." *The Living Museum* 70 (2-3): 3-14.
8. Steven DiNaso, Michael Sweeney, Vince Gutowski, Harvey Henson, James R. Gorny & Donald Dove (2004). "Total Station and GPS Methodologies Aid Surface Mapping of Archaeological Site." *Point of Beginning* 29(11): 26-27.
9. John A. Mundell, Greg B. Byer, Harvey Henson, Vince Gutowski & Donald E. Dove (2002). "The Use of Geophysical Surveys for Archaeological Excavation Planning at the Mitchell Springs Ruins in Cortez, Colorado." Symposium on the Application of Geophysics to Engineering and Environmental Problems, *SAGEEP* 2002: p10.
10. John L. Sexton, Harvey Henson, Jr., Paul Dial, Rector Koffi & Mamadou Coulibaly (1996). "Seismic Reflection and Georadar Investigation of Sikeston Ridge in the New Madrid Seismic Zone." *Seismological Research Letters* 67(2): 10pp.
11. John L. Sexton, Harvey Henson, Jr., Rector Koffi, Mamadou Coulibaly & John Nelson (1996). "Seismic Reflection and Georadar Investigation of Barnes Creek Area in Southeastern Illinois." *Seismological Research Letters* 67(2): 11pp.
12. Harvey Henson, Jr., John L. Sexton & James R. Staub (1996). "Age Estimation of the Cottage Grove Fault System (Illinois) from High-Resolution Seismic Reflection Studies of Coal Measures." *International Journal of Coal Geology* 30(1-2): 25-36.
13. John L. Sexton & Harvey Henson, Jr. (1994). "Interpretation of Seismic Reflection and Gravity Profile Data in Western Lake Superior." In: "*Potential Field Studies of Continental Rifts; the Great Lakes Region*", edited by R.A. Gibb, W.J. Hinze & M.D. Thomas, *Canadian Journal of Earth Sciences* 31(4): 652-660.
14. John L. Sexton, Harvey Henson, Jr., Paul Dial & Kaye M. Shedlock (1992). "Mini-Sosie High Resolution Seismic Reflection Profiles along the Bootheel Lineament in the New Madrid Seismic Zone." Eastern Section Seismological Society of America, *Seismological Research Letters Special Issue: The New Madrid Seismic Zone* 63(3): 297-307.
15. Harvey Henson, Jr. & John L. Sexton (1991). "Premine Study of Shallow Coal Seams Using High Resolution Seismic Reflection Methods." *Geophysics* 56(9): 1494-1503.

Book Chapters

1. Lingguo Bu, Frackson Mumba, Mary Wright & Harvey Henson (2012). "Teaching Mathematics Using GeoGebra: Integrating Pedagogy and Content in Teacher Education." In D. Martinovic, D. McDougall & Z. Karadag (Eds.), *Technology in Mathematics Education: Contemporary Issues* (pp. 91-115). Santa Rosa, CA: Informing Science Press.

CURRICULUM VITAE of HARVEY HENSON, JR.

Reports

1. Harvey Henson (2010). "Geophysical Investigation at Camp Ground Cemetery and Church near Anna, Illinois." *Technical Report on Investigations*. The National Park Service National Trails System Office Santa Fe, New Mexico, 70pp.
2. Donald E. Dove, Dave Dove, Vince P. Gutowski, Harvey Henson, S. DiNaso, K. M. Gerhardt, P.F. Lacey, R. McBride, D. McBride, J. Till & L. Tradlener (November 2006). "Topographical mapping, geophysical studies and archaeological testing of an Early Pueblo II Village near Dove Creek, Colorado." *Final Assessment Report*, Colorado Historical Society Assessment Grant No. 2004-AS-014, 139pp.
3. John L. Sexton, Harvey Henson & Paul Dial (1992). "Report of Investigations for the Joint USGS/SIU-C Mini-Sosie High Resolution Seismic Reflection Studies in the New Madrid Seismic Zone", 42pp.
4. John L. Sexton, Harvey Henson & Katharine M. Flanagan (1990). "Relationship between Bedrock Topography and Deep Crustal Rift Structures beneath Lake Superior." *GSA Penrose Conference on "Large Lakes and Their Stratigraphic Records"*, Sept 9-13, Lake Tahoe, CA.
5. John L. Sexton & Harvey Henson, Jr. (1990). "Interpretation of Seismic reflection and gravity profile data in Lake Superior", *Final report on Argonne Grant*, 10 pp.

Peer-Reviewed Expanded Abstracts

1. Lingguo Bu, Frackson Mumba, Harvey Henson, Mary Wright & Yazan Alghazo (2010). "GeoGebra integrated professional development: The experience of rural in-service elementary (K-8) teachers." In D. Novak, D. Martinovic & Z. Karadag (Eds.), *Proceedings of the First North American GeoGebra Conference*, pp. 2-10. Ithaca, NY: Ithaca College.
2. Harvey Henson, John L. Sexton, Melissa Henson & Paul Jones (1997). "Georadar Investigation of Karst in a Limestone Quarry near Anna, Illinois." *Society of Exploration Geophysicists Expanded Abstracts, Technical Program with Biographies*, SEG 67th International Meeting, Dallas, TX, 5pp.
3. Harvey Henson, Jr., John L. Sexton & John L. Jobling (1989). "High Resolution Seismic Reflection Study of Shallow Coal Seams." *Society of Exploration Geophysicists Expanded Abstracts, Technical Program with Biographies*, SEG 59th International Meeting Oct. 29-Nov. 2, Dallas, TX, pp. 363-367.

Conference Proceedings, Transactions and Abstracts

1. Lingguo Bu & Harvey Henson (submitted 2019). "The Joy of 3D Design and Printing in Mathematics Education." National Council of Teachers of Mathematics (NCTM) 2019 Conference in San Diego, CA, April 3-6, 2019.
2. Harvey Henson, Angela Box & Duane Lickteig (submitted 2019). "STEM Micro-Teaching: Examples and Experiences of Pre-Service Teachers." *2018 Annual Conference of the Association of Teacher Educators (ATE)*, Atlanta, GA, February 15-19, 2019.

CURRICULUM VITAE of HARVEY HENSON, JR.

3. Duane Lickteig, Harvey Henson & Angela Box (submitted 2019). "A Qualitative Investigation on Pre-Service Elementary Teachers' Attitudes and Beliefs about the Nature of Science." 2018 Annual Conference of the Association of Teacher Educators (ATE), Atlanta, GA, February 15-19, 2019.
4. Lingguo Bu & Harvey Henson (submitted 2019). "Design to Teach: Exploring the Pedagogical Forefront of 3D Design and Printing." *2018 Annual Conference of the Association of Teacher Educators (ATE)*, Atlanta, GA, February 15-19, 2019.
5. Senetta F. Bancroft, Harvey Henson, Angela Box, Daniel L. Brown & Jennifer Rhodes (2018). "Impact of Scoring the Illinois Science Assessment on K-12 Science Teachers' Judgment of their Practices." *2018 Summer Annual Conference of the Association of Teacher Educators (ATE)*, Albuquerque, NM, August 3-7, 2018.
6. Duane Lickteig & Harvey Henson (2018). "A Quantitative Investigation on the Development of Nature of Science, Self-Efficacy, and Scientific Inquiry Among Pre-Service Elementary Teachers." *2018 Summer Annual Conference of the Association of Teacher Educators (ATE)*, Albuquerque, NM, August 3-7, 2018.
7. Zachariah Seaman & Harvey Henson (2018). "Noninvasive Ground Penetrating Radar Investigation of *Fallicambarus fodiens* Subsurface Habitations." *Program and Abstracts of The International Association of Astacology, 22nd International Symposium on Freshwater Crayfish*, July 9-13, 2018, Carnegie Museum of Natural History, Pittsburgh, PA, pg. 78, **Best Student Poster Award**.
8. Jordan Caylor, Harvey Henson, Mark Wagner & Ryan Campbell (2018). "Shallow Geophysical Survey of the Fort Kaskaskia Historical Site." South Central Section of Geological Society of America, 52 Annual Meeting, Little Rock, AR, March 12-13, 2018.
9. Euginia Nyirenda, Harvey Henson & Lingguo Bu (2018). "An Exploration of Pre-service Teachers' Experiences of 3D Design." *2018 Annual Meeting of the Association of Teacher Educators (ATE)*, Las Vegas NV, February 16-20, 2018.
10. Lingguo Bu, Harvey Henson, Karen Renzaglia & Sedonia Sipes (2018). "Reclaiming the Central Role of Arts in STEM Teacher Education." *2018 Annual Meeting of the Association of Teacher Educators (ATE)*, Las Vegas NV, February 16-20, 2018.
11. Adam al Sultan, Harvey Henson & Peter Fadde (2018). "The Relationship between Pre-Service Elementary Teachers' Scientific Literacy and Their Self-Efficacy in Teaching Science." Presented at the International Academic Forum (IAFOR) - *International Conference on Education*, Dubai, UAE, February 16-18, 2018.
12. Harvey Henson, Rajvee Subramanian & Frackson Mumba (2017). "Earthquake Hazard Education to Middle School Students near the New Madrid Seismic Zone." *Geological Society of America Abstracts with Programs* Vol. 49, No. 6, presented at the GSA Annual Meeting in Seattle, WA, October 22-26, 2017. doi: 10.1130/abs/2017AM-304660
13. Euginia Nyirenda, Lawrence Ametepee & Harvey Henson & (2017). "Exploring the Inclusive Education Knowledge of Teacher Educators", MWERA Annual Meeting, Evanston, IL, October 18, 2017.

CURRICULUM VITAE of HARVEY HENSON, JR.

14. Rasheta Fateen, Harvey Henson & Peter Fadde (2017). "Comparing Inquiry-Based Teaching Strategies for Improving and Implementing Computer Simulation-Based Instruction of Science Concepts." Presented at the National STEM Education Research and Practice Summit, West Lafayette, IN, October 16-17, 2017.
15. Harvey Henson, Duane Lickteig, Angela Box & Jackie Cox (2017). "Content Enrichment, Curriculum Development, and NGSS Alignment: Action Research in a Professional Learning Community." Paper presented at *2017 Summer Conference of the Association of Teacher Educators (ATE)*, Pittsburgh, PA, August 4-8, 2017.
16. Angela Box, Harvey Henson, & Lingguo Bu (2017). "Professional Development Partnership for Achievement in Science and Math: Action Research Results and Teacher Reflections." Paper presented at *2017 Summer Conference of the Association of Teacher Educators (ATE)*, Pittsburgh, PA, August 4-8, 2017.
17. Euginia Nyirenda, Harvey Henson, & Banda Asiana (2017). "Zambian Secondary School Pre-Service Science Teachers' Pedagogical Orientations and Beliefs about Science Teaching." Paper presented at *2017 Summer Conference of the Association of Teacher Educators (ATE)*, Pittsburgh, PA, August 4-8, 2017.
18. Jordan Caylor & Harvey Henson (2017). "Geophysical and Archeological Survey of the Shallow Subsurface at Ft. Kaskaskia." Undergraduate Creative Activities and Research Forum, *Abstracts*, April 3, 2017, Southern Illinois University Carbondale, IL, p 30.
19. Andrew Van Cleve, Hannah Ward, Mark Wagner, Jordan Caylor & Harvey Henson (2017). "Investigating Fort Kaskaskia Using Ground Penetrating Radar." Undergraduate Creative Activities and Research Forum, *Abstracts*, April 3, 2017, Southern Illinois University Carbondale, IL, p 178.
20. Harvey Henson & Duane Lickteig (2017). "3-D Anaglyphs as Anchoring Phenomenon in Earth Science: Teacher Resources for Next Generation Science Standards." Presented at the 97th National Annual Meeting of the Association of Teacher Educators, Orlando, Florida, February 10-14, 2017, p 70.
21. Lingguo Bu, Harvey Henson, Karen Renzaglia & Sedonia Sipes (2016). "NextGen KidsMath: Restoring Playfulness in Mathematics Education." Showcase presented at the *2016 International Convention of the Association for Educational and Communications & Technology*, Las Vegas, NV, Oct 17-21, 2016.
22. Harvey Henson & Duane Lickteig (2016). "Qualitative Analysis of the Young Earth Scientists (YES) Project: Findings on Critical Thinking and Inquiry-based Investigation." Paper presented at *2016 Summer Conference of the Association of Teacher Educators (ATE)*, Louisville, KY, July 29-August 2, 2016, p 33.
23. Lingguo Bu, Harvey Henson, Karen Renzaglia & Sedonia Sipes (2016). "Problem-based Learning: Team up for Excellence in Rural STEM Education." Paper presented at *2016 Summer Conference of the Association of Teacher Educators (ATE)*, Louisville, KY, July 29-August 2, 2016, p 19.

CURRICULUM VITAE of HARVEY HENSON, JR.

24. Lingguo Bu, Harvey Henson, Karen Renzaglia, Sedonia Sipes & Travis Neal (2016). ART: Stimulating Preservice Elementary Teachers' STEM Exploration. Poster presented at *2016 Noyce Summit*, Washington, DC, July 20-22, 2016.
25. Harvey Henson, Angela Box, Kailey Zalucha, Duane Lickteig & Scott Hodgson (2016). "Teacher Partnerships for Geohazard Mitigation and Earth Science Engagement", presented at the *Transforming Geoscience Preparation for K-8 Pre-Service Teachers Workshop & Conference*, St. Norbert College, De Pere, WI, April 7-9, 2016.
26. Harvey Henson, Lingguo Bu, Chris Midden, Julie Wittenborn-Sikorski & Karen Renzaglia (2016). "Geoscience Professional Development for Noyce Master Teacher Fellows", presented at the *Transforming Geoscience Preparation for K-8 Pre-Service Teachers, Science Education Resource Center (SERC) Workshop & Conference*, St. Norbert College, De Pere, WI, April 7-9, 2016.
27. Jordan Caylor & Harvey Henson (2017). "Searching for Historical Structures at the Third Lincoln-Douglas Debate Site Using EMI Geophysical Methods." Undergraduate Creative Activities and Research Forum, *Abstracts*, April 4, 2016, Southern Illinois University Carbondale, IL, p 25.
28. Lingguo Bu, Harvey Henson, Karen Renzaglia., & Sedonia Sipes (2015). "Problem-Based Learning for STEM Education: Noyce Master Teaching Fellowship Program in Southern Illinois." Paper presented at *2015 Conference of Illinois Association of Teacher Educators (IATE)*, Lisle, IL, Nov 19-20, 2015.
29. Lingguo Bu, Karen Renzaglia, Harvey Henson & Sedonia Sipes (2015). "Toward a Community of Problem Solvers Noyce Master Teacher Fellowship in Southern Illinois", 2015 Annual Meeting of the Association of Teacher Educators, Phoenix, AZ, February 13-17, 2015.
30. Karen Renzaglia, Lyle Dandridge, James Gray, Sedonia Sipes, Harvey Henson & Lingguo Bu (2014). *Master Teaching Fellows are Transforming Science and Math Education in Southern Illinois*. The Ninth Annual NSF Robert Noyce Teacher Scholarship Program Conference, Washington DC, June 18-2014.
31. Christina Penna & Harvey Henson (2014). "The Effects of Education Intervention on Middle School Students' Knowledge and Preparedness of Earthquakes." Undergraduate Creative Activities and Research Forum, 2014 Abstracts, p.80, Southern Illinois University, Carbondale, IL, April 7, 2014.
32. Dhitinut Ratnapradipa & Harvey Henson (2014). "Campus Emergency Response: An overview of Southern Illinois University Carbondale." Preparedness Summit, National Association of County and City Health Officials (NACCHO), Atlanta, GA, April 1-4, 2014.
33. Lingguo Bu, Frackson Mumba, Mary Wright & Harvey Henson (2013). "Math and Science Teachers' Experiences of Online Professional Development." A paper presented at the 2013 Annual Conference of the Association of Teacher Educators, Atlanta, GA, Feb 16-19, 2013.
34. Harvey Henson (2012). "Cherokee burials and Trial of Tears episode at Camp Ground Cemetery near Anna, Illinois." Proceedings of Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA) annual meeting, Carbondale, IL, Oct. 26-27, 2012.

CURRICULUM VITAE of HARVEY HENSON, JR.

35. Lingguo Bu, Harvey Henson, Karen Renzaglia, Frackson Mumba, Mary Wright & Jennifer Janasie (2012). "Toward a community of problem solvers: SRET and Noyce Master Teacher Fellowship in Southern Illinois." 2012 Midwest Noyce Regional Conference, "Common Core, NGSS (New Generation Science Standards), Digital Learners: STEM Teaching at the Crossroads" , at IUPUI, Indianapolis, IN, Oct 4-5, 2012.
36. Karen Renzaglia, Natalie Mountjoy, Jennifer Janasie, Harvey Henson & Julie Wittenborn-Sikorski (2012). "Research Activities and Problem-based Learning Experiences of Rural Teachers in Southern Illinois." 2012 NSF Robert Noyce Teacher Scholarship Program Conference, Washington, DC, May 23-25, 2012.
37. Lingguo Bu, Frackson Mumba, Harvey Henson & Mary Wright (2012). "Online professional development for elementary mathematics: A design framework." Paper presented at the Conference of Association of Teacher Educators (ATE) , San Antonio, TX, Feb11-15, 2012.
38. Simeon Mbewe, Vivien M. Chabalengula, Frackson Mumba, Harvey Henson, Lingguo Bu & Mary Wright (2011). "Pre-service K-8 Science Teachers' Conceptual understanding of Science Process Skills." Paper presented at the Association of Teacher Educators Conference, Philadelphia, PA, August 5-9, 2011.
39. Chabalengula, V. M., Frackson Mumba, Harvey Henson, Lingguo Bu & Mary Wright (2011). "In-service Teachers' Perceived Benefits and Difficulties of Inquiry." Paper presented at the summer 2011 Association of Teacher Educators Conference, Philadelphia, PA, August 5-9, 2011.
40. Frackson Mumba, Vivien M. Chabalengula, Harvey Henson, Lingguo Bu & Mary Wright (2011). "Elementary Education In-service Teachers' Inquiry Instructional Practice." Paper presented at the summer 2011 Association of Teacher Educators Conference, Philadelphia, PA, August 5-9, 2011.
41. Lingguo Bu, Frackson Mumba, Harvey Henson, Mary Wright & Yazan Alghazo (2011). "Problem Solving Using GeoGebra: The Experience of In-service Mathematics and Science Teachers." Paper presented at the North American GeoGebra Conference, Toronto, Ontario, Canada, June 17-18, 2011.
42. Frackson Mumba, Vivien M. Chabalengula, Harvey Henson & Karen Lind (2011). "Primary and Middle school Science Teachers' Instructional Practice and their Perceived Benefits and Difficulties of Inquiry." Paper presented the 4th Redesigning Pedagogy International Conference, Singapore, May 30-June 1, 2011.
43. Erin Miles, Frackson Mumba, Miranda Tucker, Lingguo Bu, Mary Wright & Harvey Henson (2011). "In-service teachers' beliefs about mathematics teaching and learning." Poster presented at the 2011 MSP Regional Conference, San Francisco, CA, April, 2011.
44. Simeon Mbewe, Frackson Mumba, Harvey Henson, Bu, Lingguo, Vivien Chabalengula & Mary Wright (2011). "MSP In-Service Teachers' Instructional Practice and their Perceived Benefits and Difficulties of Inquiry." Paper presented at Mathematics and science partnership Conference, Baltimore, MD, February 14-17, 2011.

CURRICULUM VITAE of HARVEY HENSON, JR.

45. Harvey Henson, Frackson Mumba, Scott Hodgson, Christine Black-Corely & Dustan Heidel (2011). "Understanding earthquake awareness among Southern Illinois school children." Association of Teacher Educators (ATE) 91st Annual Meeting, Orlando, Florida, February 12-16, 2011, *Program Abstracts*, p 49.
46. Lingguo Bu, Frackson Mumba, Harvey Henson & Mary Wright (2011). "Reflecting on the purpose and practice of mathematics and science education through video-based historical intervention." Paper presented at the 2011 Conference of the Association of Teacher Educators (ATE), Orlando, FL, February 12-16, 2011, *Program Abstracts*.
47. Frackson Mumba, Harvey Henson, David Gibson, Karen Renzaglia & Vivien M. Chabalengula (2010). "Scientists' Perceived Benefits and Difficulties of Inquiry in US Schools." Paper presented at the Science, Technology, Engineering and Mathematics (STEM) International conference, Queensland University of Technology, Brisbane, Australia, Nov 26-27, 2010.
48. Vivien M. Chabalengula, Frackson Mumba, Harvey Henson & Lingguo Bu (2010). "Design, Implementation and Impact of Mathematics and Science Project on US Primary and Middle School Teachers." Paper presented at the Science, Technology, Engineering and Mathematics (STEM) International conference, Queensland University of Technology, Brisbane, Australia, November 26-27, 2010.
49. Lingguo Bu, Frackson Mumba, Willy Hunter, Harvey Henson & Mary Wright (2010). "Designing online professional development for rural in-service mathematics and science teachers: The case of mathematical problem solving." The 2010 International Convention of the Association for Educational Communications and Technology (AECT), October 26-30, 2010, Anaheim, CA.
50. Frackson Mumba, Vivien M. Chabalengula, Simeon Mbewe & Harvey Henson (2010). "Teacher-Leaders' Reformed and Inquiry Science Teaching & Learning." Paper presented at the Summer Conference of the Association of Teacher Educators (ATE), August 7-11, 2010, Kansas City, MO.
51. Simeon Mbewe, Frackson Mumba, Vivien M. Chabalengula, Harvey Henson & Mary Wright (2010). "Exploring Teacher-Leaders' Reformed Teaching through Examination of Design and Implementation." Paper presented at the Summer Conference of the Association of Teacher Educators (ATE), August 7-11, 2010, Kansas City, MO.
52. Lingguo Bu, Frackson Mumba, Mary Wright & Harvey Henson (2010, August). "Integrating dynamic software in professional development: The initial experience of rural in-service elementary (K-8) teachers." Paper presented at the Summer Conference of the Association of Teacher Educators (ATE), August 7-11, 2010, Kansas City, MO.
53. Juliette Donatelli, David J. Gibson, Karen Renzaglia, Harvey Henson, Frackson Mumba, Sedonia D. Sipes & Kris Schachel (2010). "Bridging the gap, building the future: STEM fellows teaching global change in primary education." Presented at 95th Ecological Society of Am. (ESA) Annual Mtg. Aug 1-6, Pittsburgh, PA.
54. Christine Black-Corely, Harvey Henson, Frackson Mumba, Scott Hodgson & Andrew Podoll (2010). "Earthquake education and awareness initiative in Southern Illinois." 102nd Annual

CURRICULUM VITAE of HARVEY HENSON, JR.

Meeting, Millikin University, Decatur, Illinois, April 9-10, 2010, *Transactions of the Illinois State Academy of Science*, Supplement to Volume 103.

55. Frackson Mumba, Vivien M. Chabalengula, Simeon Mbewe & Harvey Henson (2010). "Teachers' beliefs about Reformed and Inquiry-based Science Teaching & Learning." Paper presented at the Midwest Association of Teacher Educators (MWATE), March 26, 2010, Urbana, IL
56. Simeon Mbewe, Frackson Mumba, Mary Wright, Harvey Henson & Vivien M. Chabalengula (2010). "Assessing Math and Science Teachers' Reformed Teaching through Examination of Design, and Implementation." Paper presented at the Midwest Association of Teacher Educators (MWATE) Conference, March 26, 2010, Urbana, IL.
57. Vivien Chabalengula, Simeon Mbewe, Frackson Mumba, Harvey Henson & Mary Wright (2010). "Elementary and Middle School Science Teachers' Instructional Practices." Paper presented at the Midwest Association of Teacher Educators (MWATE) Conference, March 26, 2010, Urbana, IL.
58. Erin Wilson-Miles, Frackson Mumba, Vivien M. Chabalengula, Simeon Mbewe, Harvey Henson & Mary Wright (2010). "A comparison of Pre and In-service Teachers' Perception of Chemistry." Paper presented at the 90th Annual Conference of the Association of Teacher Educators, February 13-17, 2010, Chicago, IL.
59. Simeon Mbewe, Frackson Mumba, Erin Wilson-Miles, Vivien M. Chabalengula, Harvey Henson & Mary Wright (2010). "Elementary Education Teachers' Perceived Difficulties and Benefits for Inquiry." Paper presented at the 90th Annual Conference of the Association of Teacher Educators, February 13-17, 2010, Chicago, IL.
60. Selena Sasser, Simeon Mbewe, Frackson Mumba, Vivien M. Chabalengula, Erin Wilson-Miles & Harvey Henson (2010). "Resident Scientists' Perceived Instructional Training Needs for High School Science Teaching." Paper presented the 90th Annual Conference of the Association of Teacher Educators, February 13-17, 2010, Chicago, IL.
61. Simeon Mbewe, Frackson Mumba, Mary Wright, Harvey Henson & Vivien M. Chabalengula (2009). "Effect of Interactive Computer Simulations on Elementary Education Teachers' Understanding of Light Matter Interactions." Paper presented at Joint APS, AAPT, and SPS Meeting, San Marco, TX, Oct 22-24, 2009.
62. Frackson Mumba, Simeon Mbewe, Vivien Chabalengula, Erin Wilson, Mary Wright, Harvey Henson & Willy Hunter (2009). "In-service elementary teachers' perceived Image of Chemistry, Cognitive abilities and Affection for Chemistry." Paper presented at American Chemical Society, 61st Southeast Regional Meeting, San Juan, Puerto Rico, Oct. 2009.
63. Karen Renzaglia, Harvey Henson, David Gibson, Frackson Mumba, Sedonia Sipes & Scott Schuette (2009). "SIUC HEART GK-12 Partnerships for Science Education." 101st Annual meeting, April 17-18, 2009, *Transactions of the Illinois State Academy of Science*, Supplement to Volume 102: 66.

CURRICULUM VITAE of HARVEY HENSON, JR.

64. Joseph F. Batir & Harvey Henson (2009). "Post-Acquisition Processing for Ground-Penetrating Radar Surveys in Cemeteries." 101st Annual meeting, April 17-18, *Transactions of the Illinois State Academy of Science*, Supplement to Volume 102: 43.
65. Joseph F. Batir & Harvey Henson (2009). "Verification of Grave Sites Using Geophysical Methods at the Holliday Cemetery." *Geological Society of America Abstracts with Programs*, NC-GSA, Rockford, IL, April 2-3.
66. Scott Schuette, Karen Renzaglia, Harvey Henson, David Gibson, Frackson Mumba & Sedonia Sipes 2009. "Overview and Description of the SIUC HEART GK-12 Program." Presented at the 2009 GK-12 Annual Meeting, Washington, D.C., Mar 2009.
67. Andrew Podoll, Sally O'Leary, Harvey Henson, Frackson Mumba & Nicholas Pinter (2008). "NSF GK-12 Partnership for Effective Earth Science Education." *Geological Society of America Abstracts with Programs*, NC-GSA, Evansville, IN, April 24-25, 2008.
68. Harvey Henson, Steven Di Naso, V. Gutowski, Dawn E. Cobb & Aneesa Lehman (2008). "A Multidisciplinary Geological, Geophysical and Archaeological Approach to Relocate the Missing Strahan Cemetery." *Geological Society of America Abstracts with Programs*, NC-GSA, Evansville, IN, April 24-25, 2008.
69. Joseph F. Batir & Harvey Henson (2008). "Magnetic Techniques and Results at a Prehistoric Early Pueblo II Village Site." *Geological Society of America Abstracts with Programs*, NC-GSA, Evansville, IN, April 24-25, 2008.
70. *The Icy Winter of 1838-1839: The Cherokee Trail of Tears through Southern Illinois*, Panel: Rowena McClinton, Harvey Henson, Sue Glasco, Joe Crabb, Cheryl Jett, Gary Hacker, 2008 Illinois History Symposium, The Illinois State Historical Society, Millikin University, Decatur, Illinois, March 13-14, 2008.
71. Harvey Henson, Frackson Mumba & Mary Wright (2008). "Science, Mathematics and Action Research for Teachers (SMART) program at SIUC: Design framework and challenges." ISTA Annual Conference, Peoria, IL.
72. Harvey Henson, Jr., Dawn E. Cobb, Steven Di Naso, Vince Gutowski & Al Strahan (2007). "Geophysical and Archaeological Investigations to Relocate Forgotten Cemeteries: A Case Study from Southern Illinois." Midwest Bioarchaeology and Forensic Anthropology Association, *Transactions of Annual Meetings*, November 2-4, 2007, Midwest Museum of Natural History, Sycamore, Illinois.
73. Aneesa Lehman, O. Reddy, Colleen Lindsay & Harvey Henson (2007). "Locating Possible Trail of Tears Graves with Ground-Penetrating Radar." 99th Annual Meeting, *Transactions of Illinois State Academy of Science* 100(1): 35-36.
74. Harvey Henson, Jr., Aneesa Lehman, Vince Gutowski & Steven Di Naso (2006). "Locating the Lost Strahan Cemetery Using Non-Invasive Geological and Geophysical Remote Sensing Techniques." 98th Annual Meeting, April 20-22, The Field Museum, Chicago, IL, *Transactions of the Illinois State Academy of Science* 99(1): 46.

CURRICULUM VITAE of HARVEY HENSON, JR.

75. Harvey Henson, Jr. & Rachel Skinner (2006). "Faunal Taxa and Depositional Environment of the Energy Shale in Williamson County, Illinois." 98th Annual Meeting, April 20-22, The Field Museum, Chicago, IL, *Transactions of Illinois State Academy of Science* 99(1): 46.
76. Harvey Henson, Jr., Vince Gutowski, Steven Di Naso, Donald E. Dove & Dave Dove (2005). "Geophysical Archaeological Investigations of the Champagne Springs Group and Mitchell Springs Ruins in Southwest Colorado." Geological Society of America North-Central Section 39th Annual Mtg, May 19-20, Minneapolis, MN, *GSA Abstracts with Programs*, 37(5): 93.
77. Steven Di Naso, Vince Gutowski, Harvey Henson, Greg Beyer & Donald Dove (2005). "Applications of GIS and Geophysics to Subsurface Archaeological Exploration at the Champagne Springs Ruins Site, Colorado." Annual Meeting of the West Lakes Division of the Association of American Geographers, Iowa City, IA
78. Steven DiNaso, Harvey Henson, Donald Dove & Vince Gutowski (2005). "GIS and Geophysical Mapping Technologies Applied to Archaeological Investigations at Mitchell Springs Ruins, Southwestern Colorado.", 97th Annual Meeting, Galesburg, IL, April 8-9, 2005, *Transactions of Illinois State Academy of Science*, 98(1).
79. Robert DeHoet & Harvey Henson (2005). "Inquiry Learning Using Real & Virtual Learning Environments the Young Earth Scientists (YES)." North-Central Section 39th Annual Meeting, May 19-20, Minneapolis, MN, *GSA Abstracts with Programs* 37(5): 25.
80. Harvey Henson, Jr. & Phillip Szymcek (2005). "Locating Lost Graves along the Trail of Tears Using Non-Invasive Geophysical Methods. Geological Society of America North-Central Section 39th Annual Mtg., May 19-20, Minneapolis, MN, *GSA Abstracts with Programs* 37(5): 93.
81. Vince Gutowski, Steven Di Naso & Harvey Henson (2004). "A Precision, Non-intrusive Survey of Pueblo Ruins in Southwestern Colorado." 100th Annual Meeting of the Association of American Geographers, *Abstracts with Programs*, Philadelphia, PA, March 15-19.
82. Harvey Henson, Christopher Adams, Vince Gutowski, Donald E. Dove, John A. Mundell & Greg B. Byer (2003). "Magnetic Exploration & Data Processing at the Mitchell Springs Ruins in Cortez, Colorado." Geological Society of America Rocky Mountain Section Mtg., May 7-9, Ft. Lewis College, Durango, CO, *GSA Abstracts with Programs* 35(5).
83. Robert DeHoet & Harvey Henson (2003). "Young Earth Scientists (YES): an Inquiry-Based Paleontology Project Fostering Cooperation and Collaboration between Geographically Distant Schools." Geological Society of America Rocky Mountain Section Mtg., May 7-9, Ft. Lewis College, Durango, CO and National Association of Geoscience Teachers Special Session: Classroom and Laboratory Demonstrations of Geologic Phenomena, *GSA Abstracts with Programs* 35(5).
84. Shirley Krienert, Harvey Henson & Robert DeHoet (2000). "Geology Rocks! Multidisciplinary Learning Using Rocks and Fossils." Proceedings of 48th Annual NSTA Meeting, Orlando, Florida.

CURRICULUM VITAE of HARVEY HENSON, JR.

85. Wanda H. Dillow, Heather Reynolds, S. Waterman, Debbie Fears, P. Barrette & Harvey Henson (1999). "Fourth Grade Problem-Based Learning across the Curriculum." 20th Annual Mt. Vernon Teachers Conference, Oct. 28-29, 1999, Mt. Vernon, IL.
86. Robert DeHoet, Harvey Henson & Wanda Dillow (1999). "University and Community Collaboration in the Design of a Problem-Solving Learning Experience for 4th Graders Studying Earth Science." 91st Annual Meeting, Carbondale, IL, April 9-10, 1999, *Transactions of the Illinois State Academy of Science* 90(1).
87. Harvey Henson, Robert DeHoet, Kelly Webb, Sean Belcher, Hunter Bruns, Phillip Szymcek, Seth Benefiel, Chad Skelcher & Hope David (1999). "Pennsylvanian Bio-Diversity Evidence from the Energy Shale at Carterville, Illinois." 91st Annual Meeting, Carbondale, IL, April 9-10, 1999, *Transactions of the Illinois State Academy of Science* 90(1): 76.
88. Harvey Henson, John L. Sexton, Greg Byer, Quentin Graham, Mamadou Coulibaly & Rector Koffi (1996). "Georadar Investigation of Filled Karst in a Limestone Quarry." GSA 45th annual Southeastern Section Mtg., March 14-15, 1996, Jackson, MS, *GSA Abstracts with Programs* 28(2): 15.
89. Mamadou Coulibaly, John L. Sexton, Harvey Henson, Frank Lehman & Alan Green (1996). "Acquisition and Processing of Georadar from the Chott Rharsa Basin of Southern Tunisia." GSA 45th annual Southeastern Section Mtg., Mar 14-15, Jackson, MS, *GSA Abstracts with Programs* 28(2): 8.
90. John L. Sexton, Harvey Henson, Ryan Fairfield, Robert Corruccini & Doug Armstrong (1996). "Magnetic Surveying of New Seville Archaeological Sites near St. Ann's Bay, Jamaica W.I." GSA 45th annual Southeastern Section Mtg., March 14-15, Jackson, MS, *GSA Abstracts with Programs* 28(2): 43.
91. John L. Sexton, Harvey Henson, Jr., Alan Green, Frank Lehman, Mamadou Coulibaly & Heinrich Horstmeyer (1995). "Georadar Profiling of the Chott Rharsa Basin of Southern Tunisia." Soc. of Exploration Geophysicists, *Program with Abstracts*, International Conference, St. Petersburg, RUSSIA.
92. Harvey Henson, Jr. & John L. Sexton (1992). "Use of High Resolution Seismic Reflection in Premine Study of Shallow Coal Deposits." *Proceedings of 4th Conference on Ground Control for Midwestern U.S. Coal Mines*, Edited by Y. P. Chugh & G. A. Beasley, Mt. Vernon, Illinois, Nov. 2-4, supplement pages 1-17.
93. Yubo Du, John L. Sexton, Harvey Henson, Jr. & Shipping Wang (1992). "Seismic Tomographic Investigations of Floor Strata Beneath a Coal Pillar in an Underground Coal Mine." *Proceedings of 4th Conference on Ground Control for Midwestern U.S. Coal Mines*, Mt. Vernon, IL, Nov. 2-4.
94. John L. Sexton, Yubo Du, Shipping Wang & Harvey Henson, Jr. (1992). "Seismic Refraction Tomography Experiment for Evaluation of the Structure and Seismic Velocity of Floor Strata Beneath a Coal Pillar in an Underground Coal Mine." *Proceedings of Coal, Energy and Environment*, Ostrava, Malenovice, CZECHOSLOVAKIA, Oct. 12-16, pp. 1-26.

CURRICULUM VITAE of HARVEY HENSON, JR.

95. John L. Sexton & Harvey Henson, Jr. (1992). "New Madrid Seismic Zone Geophysical Research at Southern Illinois University Carbondale." CUSEC (Central U.S. Earthquake Consortium) *Special Volume on CUSEC/FEMA Research Summit Workshop*, Memphis, TN, July 29-30.
96. John L. Sexton & Harvey Henson, Jr. (1992). "Seismic Reflection and Gravity Profile Models of Data from Lake Superior." AGU Spring Mtg. May 12-16, Montreal, Canada, *EOS Transactions Supplement*, 73(14): 320.
97. John L. Sexton & Harvey Henson, Jr. (1991). "Relationship between Bedrock Topography and Deep Crustal Rift Structures beneath Lake Superior." GSA Fall Meeting, San Diego, CA, *GSA Program with Abstracts* 23(5): 138.
98. John L. Sexton, Harvey Henson, Jr., Paul Dial, Denise Victory & Kaye M. Shedlock (1991). "Mini-Sosie High Resolution Seismic Reflection Surveys in the New Madrid Seismic Zone." 63rd Ann. Mtg. Eastern Section Seismology Society of Am., *Programs and Abstracts* 81, Memphis, TN, October 14.
99. Harvey Henson, Jr., John L. Sexton, Denise Victory & Kaye M. Shedlock (1991). "Mini-Sosie High Resolution Seismic Reflection Surveys along the Blytheville Arch in the New Madrid Seismic Zone." American Geophysical Union, *EOS Transactions* 72(17): 273.
100. Yubo Du, John L. Sexton, Harvey Henson, Jr. & Shipping Wang (1991). "Seismic Tomographic Exploration of Floor Strata in an Underground Coal Mine." American Geophysical Union, *EOS Transactions* 72(17): 193.
101. John L. Sexton, Harvey Henson, Jr., Paul Dial & Kaye M. Shedlock (1990). "Mini-Sosie High Resolution Seismic Reflection Survey of the Bootheel Lineament in the New Madrid Seismic Zone." American Geophysical Union, AGU Fall Mtg., San Francisco, CA, *EOS Transactions* 71(43): 1436.
102. John L. Sexton & Harvey Henson, Jr. (1990). "Geophysical-Geomorphology Studies in the New Madrid Seismic Zone." *Programme and Abstracts*, XXII General Assembly of European Seismological Commission, Barcelona, SPAIN, Sept. 17-22, p. 133.
103. John L. Sexton & Harvey Henson, Jr. (1990). "Interpretation of Seismic Reflection and Gravity Profile Data in Lake Superior." *Proceedings of International Meeting of European Geophysical Society*, Sophia, BULGARIA.
104. Harvey Henson, Jr., John L. Sexton & James R. Staub (1990). "Interpretations of Subsidiary Faulting along the Cottage Grove Fault System from High Resolution Seismic Reflection Methods." *GSA Abstracts with Programs* 22(5): 13, NCGSA 24th annual meeting April 26-27, Macomb, IL.
105. Yubo Du, John L. Sexton & Harvey Henson, Jr. (1990). "Geotomographic Exploration of Floor Strata in an Underground Coal Mine." *GSA Abstracts with Programs* 22(5): 8, NCGSA 24th annual meeting April 26-27, Macomb, IL.

CURRICULUM VITAE of HARVEY HENSON, JR.

106. Shipping Wang, John L. Sexton & Harvey Henson, Jr. (1990). "In-Mine Seismic Studies of Floor Strata beneath a Coal Pillar." *GSA Abstracts with Programs* 22(5): 48, presented at the NCGSA 24th annual meeting April 26-27, Macomb, IL.
107. Harvey Henson, Jr., Trent Dewees & Richard Fluegeman, Jr. (1986). "Paleontology of the Waldron Formation (Silurian; Wenlockian) near Muncie, Indiana." edited by D.R. Winslow, *Proceedings of the Indiana Academy of Science* 95: 305, Spring and Fall Meetings, Indianapolis, IN.

Dissertation and Thesis

"Middle School Students' Earthquake Content and Preparedness Knowledge - A Mixed Methods Study." Ph.D. Dissertation, Harvey Henson, Jr., (January 2015). Southern Illinois University-Carbondale, IL, 240pp.

"High Resolution Seismic Reflection Study of Shallow Coal Seams near Harco, Illinois." Master's Thesis, Harvey Henson, Jr., (Aug 1989). Southern Illinois University-Carbondale, IL, 178pp.

IX. CREATIVE WORKS

1. *Earthquake Education Kiosk*. Designed and created an interactive, touchscreen Kiosk to educate and prepare the public for earthquake hazards. Installed at The Science Center in the University Mall in Carbondale, Illinois on February 21, 2017. Numerous videos were produced in collaboration with Scott Hodgson, University of Oklahoma. Project funded by IEMA, CUSEC, and OnCall Communications. 2018 BEA "Best of" Festival Award winner for Faculty Interactive Media & Emerging Technologies
2. *"Suddenly... on an Average Day."* Created an earthquake preparedness and awareness DVD/video in collaboration with director and producer Scott Hodgson, University of Oklahoma. Currently broadcasting on WSIU-TV PBS, Carbondale/Olney. Regional Emmy Award winner for best director and nominated for two regional Emmy Awards, 2006.

X. WORKSHOPS, CONFERENCE PRESENTATIONS, INVITED TALKS AND LECTURES (select list)

1. Karen Renzaglia, Selena Sasser, Lingguo Bu, Harvey Henson and Laxmi Sagwan (2018). "Noyce Teachers Use Tardigrades to Conduct Scientific Research and Teach Inquiry Science." 2018 NSF Noyce Summit, Washington D.C., July 16-18.
2. Harvey Henson, Angela Box & Mary Ann Quivey (2018). "Illinois Science Assessment Item Development & Scoring Opportunity Project." Science in the South Conference: Twenty Second Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 19, 2018.
3. Lingguo Bu & Harvey Henson (2018). "Invent to Teach: An Invitation to the World of 3D Design and Printing." Science in the South Conference: Twenty Second Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 19, 2018.

CURRICULUM VITAE of HARVEY HENSON, JR.

4. Valerie Rasp, Duane Lickteig, Harvey Henson & Angela Box (2018). "JSHS Project and Funding to Support High School Student Research and Teacher Sponsors." Science in the South Conference: Twenty Second Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 19, 2018.
5. Harvey Henson (2018). "Earthquake Awareness and Safety." Safety and Training Conference, General Dynamics Ordnance and Tactical Systems, Marion Pavilion, Marion, IL, Jan 2, 2018.
6. Lingguo Bu & Harvey Henson (2017). "3-D Printing Workshop for Teachers and Students." ALLPS School of Innovation, Fayetteville, AR, December 14-15, 2017.
7. Harvey Henson & Angela Box (2017). "What's Shakin' in Your Classroom? Resources and Information to Help Students Learn about Earthquakes." Science in the South Conference: Twenty First Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 20, 2017.
8. Joseph Krienert, Harvey Henson & Angela Box (2017). "Digital Topography: Teaching Earth Science Concepts Using the Interactive Sandbox." Science in the South Conference: Twenty First Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 20, 2017.
9. Lingguo Bu & Harvey Henson (2017). "The Joy (and Woe) of 3D Design and Printing." Science in the South Conference: Twenty First Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 20, 2017.
10. Susan Kohler, Harvey Henson & Angela Box (2017). "NASA Presents: Picking up STEAM Using Models to Understand the Solar Eclipse." Science in the South Conference: Twenty First Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 20, 2017.
11. Lingguo Bu & Harvey Henson (2017). "Modeling a Total Solar Eclipse Using GeoGebra." Science in the South Conference: Twenty First Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 20, 2017.
12. Harvey Henson, Angela Box & Debra Richardson (2016). "Total Eclipse of the Heartland" 37th Annual Mt. Vernon Teachers Conference, Mt. Vernon, IL, Oct 28, 2016.
13. Angela Box & Harvey Henson (2016). "Eclipse 2017 Event Preparation and Activities." Presented at the Annual Teacher Institute, Regional Office of Education #30 (Alexander, Jackson, Perry, Pulaski & Union Counties), Carbondale High School, Carbondale, IL, Oct 7, 2016.
14. Kailey Zalucha & Harvey Henson (2016). "Earthquake Awareness and Preparedness for Your Classroom." Science in the South Conference: Twentieth Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 29, 2016.
15. Harvey Henson & Duane Lickteig (2016). "Teaching Earth Science Using 3-D." Science in the South Conference: Twentieth Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 29, 2016.

CURRICULUM VITAE of HARVEY HENSON, JR.

16. Harvey Henson & Angela Box (2015). "NGSS Roundtable – Challenges and Issues in Implementing the New Standards." 36th Annual Mt. Vernon Teachers Conference, Mt. Vernon, IL, Oct 30, 2015.
17. Angela Box & Harvey Henson (2015). "NGSS – Where Do I Start?" 36th Annual Mt. Vernon Teachers Conference, Mt. Vernon, IL, Oct 30, 2015.
18. Harvey Henson (2015). "Historical and Geophysical Evidence for the Tragic Trail of Tears Episode at Camp Ground." Presented at the Southern Illinois Association of Museums (SIAM) Annual meeting, Camp Ground Church, Anna, IL, August, 2015.
19. Christina Penna, Ben Elliott & Harvey Henson (2014). "Earthquake Preparedness in the Classroom." Science in the South Conference: Eighteenth Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 31, 2014.
20. Harvey Henson & Frackson Mumba (2011). "Energy Concepts and Careers: Project NEWS (New Energy Workforce Systems)." Paper presented at the Science in the South Conference: Fifteenth Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 28, 2011.
21. Harvey Henson (2010). "Earthquake Safety and Preparedness in Southern Illinois Schools, Presented at Franklin and Williamson Counties Superintendents Quarterly Board meeting, Marion, IL, Sept 16, 2010.
22. Harvey Henson (2010). "Earthquake Awareness and Preparedness", Presented at the Williamson County Earthquake Conference, Marion IL, April 8, 2010.
23. Frackson Mumba, Harvey Henson, Jay Means & Mesfin Tsige (2010). "Everyday Forces - Investigating Movement." Science in the South Conference: 14th Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, Jan 29, 2010.
24. Julie Wittenborn-Sikorski, Denise Brown, Shirley Krienert, Harvey Henson & Lilianna Lefticariu (2010). "Field Trips and Hands-on Activities in Elementary Geology." Science in the South Conference: 14th Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, Jan 29, 2010.
25. Harvey Henson (2009). "3-D Perspectives on Earth Science: Teaching Students to See Geology." Science in the South Conference: 13th Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, January 30, 2009.
26. Harvey Henson (2007). "*Geophysical and Archaeological Study to Relocate the Strahan Cemetery near Tilden, IL*, Illinois State Museum Lecture Series, Springfield, IL, Nov 14, 2007.
27. Harvey Henson (2007). "*Remote Sensing at Camp Ground Church Cemetery*, Spring Conference, Genealogy Society of Southern Illinois, John A. Logan College, Carterville, IL, June 9, 2007.
28. Harvey Henson (2007). *Locating Unmarked Graves along the Trail of Tears Using Ground-Penetrating Radar*, Poster session at Delta Institute Symposium, SIUC Student Health Center, Carbondale, IL, April 24, 2007.

CURRICULUM VITAE of HARVEY HENSON, JR.

29. Harvey Henson (2007). *Preliminary Results of Geophysical Investigations at Camp Ground Cemetery*, Presentation at Trail of Tears Association, Illinois Chapter Spring General Meeting, Anna, IL, April 14, 2007.
30. Harvey Henson (2007). *Earthquake Awareness and Preparedness*, Presentation for Building Emergency Response Team (BERT) Meeting, Lesar Law auditorium, SIUC, Carbondale, IL, April 3, 2007.
31. Harvey Henson (2007). *Imaging Fractures and Dissolution Features at the Anna Quarry with Ground-Penetrating Radar*, Illinois State Geological Survey, Urbana, IL, Mar 12, 2007.
32. Harvey Henson (2007). *"Suddenly... on an Average Day Earthquake Awareness and Preparedness*, Lecture for PYSC 489, John Snyder, Instructor, Life Science II Rm 244, SIUC, Carbondale, IL, Mar 8, 2007.
33. Harvey Henson (2006). *Regional Disaster Preparedness and Response: Earthquake Threat in Southern Illinois*. hosted by Illinois State Representative John Bradley & Williamson County Emergency Management Agency, Southern Illinois Emergency Preparedness Committee, Marion, IL, Nov 8, 2006.
34. Harvey Henson (2006). *Locating the Lost Strahan Cemetery Using Geophysical and Geological Imaging Methods*, Marion Lions Club meeting, Marion, IL, July 12, 2006
35. Harvey Henson (2006). *Understanding the Southern Illinois Earthquake Threat*, Rotary Club, Carbondale, IL, July 12, 2006
36. Harvey Henson (2006). *"Suddenly... On an Average Day" Project Update*, Harvey Henson and Scott Hodgson, Multi-Natural Hazards Partnership Forum, Southeast Missouri State University, Cape Girardeau, MO, May 17, 2006
37. Harvey Henson (2006). *Earthquake Preparedness: "Suddenly... On an Average Day"*, Foxcroft Ward Emergency Preparedness Fair, Marion, IL, April 8, 2006
38. Harvey Henson (2006). *New Madrid Seismic Zone and Earthquake Overview*. Unity Point School, Carbondale, IL, April 6, 2006
39. Harvey Henson & Scott Hodgson (2006). *"Southern Illinois Earthquake Preparedness for the Classroom."* Science in the South Conference: Tenth Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, Mar 10, 2006.
40. Harvey Henson (2006). *Overview of a New Earthquake Preparedness DVD*, Illinois Emergency Management Agency, Keith E. Chambers, IEMA Earthquake Coordinator, Springfield, IL, Mar 7, 2006.
41. Harvey Henson (2006). *Earthquakes in Southern Illinois*, 4-H group, Scottsboro Baptist Church, Marion, IL, Mar 3, 2006.
42. Harvey Henson (2005). *Uncovering the Anasazi Culture of Southwestern Colorado Using High-resolution Geophysical Investigation Methods*, Southern Illinois Earth Science Club, Benton, IL, July 14, 2005.

CURRICULUM VITAE of HARVEY HENSON, JR.

43. Harvey Henson (2005). *Geophysical Methods and Remote Sensing Techniques Used in Archaeological Investigations: Examples from Pueblo Sites in Colorado and the Trail of Tears in Illinois*, Southeast Missouri State University, Dept. of Anthropology, Cape Girardeau, MO, Feb 24, 2005.
44. Harvey Henson (2004). *Learning in Retirement Program: Earthquakes and Plate Tectonics*, SIUC Continuing Education course, Carbondale, IL, 4 lectures Feb-March 2004
45. Harvey Henson (2003). *Geo-Archaeological Investigation of the Mitchell Springs Ruin Group*, Geography Awareness Week, Department of Geology/Geography, Eastern Illinois University, Charleston, IL, Nov 20, 2003.
46. Harvey Henson (2002). *Geo-Archaeology Studies of Anasazi Ruins in CO*, Lions Club, Carbondale, IL, Mar 13, 2002.
47. Harvey Henson (2001). *The New Madrid Seismic Zone*, Lions Club, Carterville, IL, Oct 11, 2001.
48. Harvey Henson (2001). "So you want to be a Geologist: Earth Science mentoring." Science in the South Conference: Fifth Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, Mar 9, 2001.
49. Harvey Henson (2000). *Earthquake Awareness and Preparedness: Understanding the New Madrid Earthquake Threat*, Mae Smith Hall Student Dormitory, SIUC campus, Carbondale, IL, Sept 21, 2000
50. Harvey Henson (2000). "Layered Mentoring: Involving Students in Earth Science Mentoring." Science in the South Conference: Fourth Annual Regional Conference on Science Education, Southern Illinois University, Carbondale, IL, Mar 10, 2000.
51. Harvey Henson (1999). *Earthquakes and Tectonics of the North Anatolian Fault Zone*, SIUC Turkish Student Association Annual Banquet and Survivors Benefit, Carbondale, IL, Oct 28, 1999.
52. Harvey Henson (1999). *Southern Illinois before the Age of the Dinosaurs*, Johnston City Public Library, Johnston City, IL, July 15, 1999.
53. Harvey Henson (1998). *Earthquakes in Southern Illinois*, Recycled Youth Meeting, Herrin First Christian Church, Herrin, IL, Oct 10, 1998 .
54. Harvey Henson (1996). *New Madrid Earthquakes and Plate Tectonics*, Symposium presented at Hugh Malin Campus, Pinckneyville Jr. High School, Pinckneyville, IL, Dec 3, 1996
55. Harvey Henson (1995). *Earthquakes Here?... The New Madrid Seismic Zone*, SIUC Student Development Program Fundraiser for Kobe Japan Earthquake Disaster Relief, Student Center Auditorium, SIUC, Carbondale, IL, Feb 6, 1995.
56. Harvey Henson (1994). *New Madrid Seismic Zone and Local Earthquakes*, Lions Club, Carbondale, IL, May, 1994.
57. Harvey Henson (1993). *New Madrid Seismic Zone Earthquakes*, Du Quoin Kiwanis Club banquet keynote address, Du Quoin, IL, May 6, 1993.

CURRICULUM VITAE of HARVEY HENSON, JR.

58. Harvey Henson (1991). *Why Do Earthquakes Occur in Southern Illinois?*, Science and Literacy Program at Elverado High School, Elkhart, IL, Feb 2, 1991.
59. Harvey Henson (1990). *Earthquakes and New Madrid Seismicity*, Illinois Department of Public Health Earthquake Preparedness Conference at Rend Lake Community College, Ina, IL, Nov 8, 1990.
60. Harvey Henson (1990). *Earthquake Awareness and Preparedness*. Boomer Hall Student Dormitory, SIU-C campus, Carbondale, IL, Oct 16, 1990.
61. Harvey Henson (1990). *Earthquake Awareness and Preparedness*, Health and Emergency Fair, The Gazette Democrat, Anna, IL, Sept 13, 1990.
62. Harvey Henson (1990). *Seismicity of the Southern Illinois Area*, Parish Park Christian Church, Marion, IL, June 1990.
63. Harvey Henson (1990). *The Mechanics of Earthquakes and Seismicity in the New Madrid Rift Complex*. Earthquake Preparedness for Emergency Services Personnel at Southeastern Illinois College, Harrisburg, IL, April 5, 1990.

XI. RESEARCH PROJECTS (select list)

- 2016-pres. Examining pre-service elementary teachers' understanding of the Nature of Science, and their Scientific Literacy and Self-Efficacy in teaching science, supported through the STEM Education Research Center at SIUC
- 2016-pres. Improving teachers' attitudes toward mathematics and Science teaching using 3-D printing technology, funded by STEM Education Research Center at SIUC
- 2016-pres. Development of interactive Earthquake Education Kiosks to help prepare the public for earthquake hazards. The first Kiosk was installed at the Science Center in the University Mall in Carbondale on Feb 21, 2017, funded by IEMA and CUSEC
- 2012-pres. Using 3-D anaglyph technology and maps to teach plate tectonic and related earth science concepts to teachers and their students: A phenomenon to fulfill performance expectations required for NGSS
- 2010-pres. GeoGebra and integrated mathematics professional development for in-service elementary (K-8) teachers, Illinois Board of Higher Education supported
- 2009-pres. Designing online professional development for rural in-service mathematics and science teachers: The SMART Graduate Program at Southern Illinois University Carbondale www.smart.siu.edu, Illinois State Board of Education supported
- 2008-pres. Investigating Earthquake Awareness and Preparedness among Elementary and Middle School Students in Southern Illinois, funded by IEMA/FEMA & SIUC
- 2006-2009 Location of unmarked graves along the Trail of Tears in Southern Illinois using high-resolution geophysical methods, funded by National Park Service
- 2006-2008 Lost Strahan Cemetery investigation using geological and geophysical imaging techniques, supported by Department of Geology at SIUC

CURRICULUM VITAE of HARVEY HENSON, JR.

- 2004-2006 Geo-archaeological investigation of Champagne Springs Group at Delores Canyon, CO, partially supported by Colorado Historical Society Assessment Grant
- 2001-pres. Inquiry-based learning using real and virtual geological environments for the Young Earth Scientist (YES) project, Illinois State Board of Education supported
- 2001-2003 Geophysical archaeological investigations at the Mitchell Springs Ruins, Cortez, CO, partially supported by Colorado Historical Society, Southern Illinois University Carbondale and Eastern Illinois University
- 1997 Ground-penetrating radar investigation of limestone karst in quarry near Anna, IL, Partially supported by Sensors & Software, Ontario, CA and Department of Geology, Southern Illinois University Carbondale
- 1996-2006 Pennsylvanian faunal and floral bio-diversity in the Energy Shale member of the Carbondale Formation near Carterville, IL, supported by Department of Geology, Southern Illinois University Carbondale
- 1996 Geophysical archaeological investigation of a 17th century sugar-cane plantation and African slave cemetery in Barbados, supported by Corruccini Family Trust
- 1995 Neotectonic study of shallow faults using seismic reflection and ground-penetrating radar methods near Metropolis, IL, supported by Illinois State Geological Survey
- 1994 Ground-penetrating radar study of neotectonic fault reactivation along Sikeston Ridge and other geomorphologic features in the New Madrid Seismic Zone, supported by Department of Geology, Southern Illinois University Carbondale
- 1994 Ground-penetrating radar investigation of stratigraphic record of global climatic variability near Chott Rharsa and Atlas Mountains of southern Tunisia, North Africa, supported by the NSF
- 1992 & 1994 Geophysical-archaeological investigation of early Spanish and English colonial settlement ruins and burials of Afro-Jamaican slaves near St. Ann's Bay, Jamaica
- 1990-1996 Mini-sosie high-resolution seismic reflection neotectonic studies of the New Madrid Seismic Zone, data processing and interpretation on UNIX workstations, supported by USGS/NEHRP grants
- 1989-1991 Seismic tomographic investigation of floor strata beneath a coal pillar for Peabody Development Company underground coal mine near Marissa, IL
- 1986-1989 GLIMPCE deep crustal seismic reflection and refraction study of Lake Superior Basin
- 1986 Deep crustal reflection/refraction study of Illinois Basin near Mt. Carmel, IL in collaboration with the COCORP crustal seismic survey
- 1985-1989 High resolution seismic reflection study of geologic disturbances in shallow coal seams for Peabody Coal Company
- 1985 Geological and geophysical analysis of proposed landfill site near Muncie, IN

CURRICULUM VITAE of HARVEY HENSON, JR.

1985 Paleontology description and collection of the Waldron Formation at Muncie, IN

XII. EDUCATIONAL OUTREACH AND COMMUNITY SERVICE (select list)

"Illinois Science Assessment Partnership between ISBE and STEM Education Research Center at SIUC" invited presentation at second annual EHS Talks, College of Education and Human Services, Artspace 304, Carbondale Community Arts, Carbondale, December 14, 2017.

"Earthquake Awareness and Preparedness" American Association of Retired Persons, Carbondale Chapter, Senior Center, Carbondale, IL, September 25, 2017.

"The Total Solar Eclipse" presented at Elverado Intermediate School, family reading night, Vergennes, IL. April 11, 2017.

"Preparing for the Total Solar Eclipse of August 21, 2017" presentation and table at Shawnee Community College STEM Fair, Ullin, IL. March 16, 2017.

"Great American Total Solar Eclipse 2017" keynote presentation at Boys Scouts of America STEM University event, SIU Carbondale, February 27, 2017.

"Earthquake Education and Mitigation for Our Community" invited presentation at first annual EHS Talks, College of Education and Human Services, Carbondale Community Arts, Carbondale, December 8, 2016.

"Great Central U.S. Shakeout" events with *Discussions about the Earthquake Threat: Using Virtual Skype™ Visits to the Classroom*. Spring 2011, Spring 2012 & Fall 2013.

"Are You Ready?" Earthquake public service announcement campaign. **2012 Bronze Telly Award winner**, producer Harvey Henson in collaboration with director Scott Hodgson, 33rd Annual Telly Awards, New York City, NY, spring 2012.

"Suddenly... on an Average Day" an earthquake preparedness and awareness video in collaboration with director and producer Scott Hodgson. Currently broadcasting on WSIU-TV PBS, Carbondale/Olney. **Emmy Award winner for best director, Nominated for (2) regional Emmy Awards**, 2010.

"Mapping the Trail of Tears through Southern Illinois" exhibit at the University Museum at Southern Illinois University Carbondale, Adjunct Curator in Geology and Educational Outreach, Fall 2007 to Spring 2008.

"Life through Time" exhibit at the University Museum at Southern Illinois University Carbondale, Adjunct Curator in Geology and educational outreach, Fall 2006 to Spring 2010.

Southern Illinois Emergency Preparedness Panel, Illinois State Representative John Bradley, Disaster preparedness and response panel of local and state experts and officials, 2006.

Earthquake Information Website: (www.science.siu.edu/geology/quakes/index.html)
Administration of web pages on earthquake information and seismic data recorded at Southern Illinois University Carbondale.

Improving Teacher Quality Collaborative. College of Education and Human Services, Southern Illinois University Carbondale. Coordinator for teacher and administrator professional

CURRICULUM VITAE of HARVEY HENSON, JR.

development in the southern Illinois region to help improve student learning in middle and high school math and science programs.

Basics in Geology (BIG) Program, Director. After school earth science education and research program for Jr/Sr high school students (www.science.siu.edu/geology/big/index.html).

Young Earth Scientist (YES) Project, Co-Director. Southern Illinois University Carbondale outreach program for local elementary students using scientific inquiry and the internet to solve problems related to earth science (www.science.siu.edu/geology/yes/index.htm).

XIII. RADIO, TELEVISION and NEWSPAPER INTERVIEWS and ARTICLES (select list)

“3.8-magnitude quake Tuesday was centered in Albion”

Marion Republican, Sept 20, 2017,

<http://www.dailyrepublicannews.com/news/20170920/38-magnitude-quake-tuesday-was-centered-in-albion>

“Illinois Trail of Tears site where Cherokee buried named to National Historic Register”

Southeast Missourian, May 24, 2017, <https://www.semissourian.com/story/2414569.html>

“NASA & SIU Team Up to Offer Eclipse Webinars to Educators”

WSIU, April 18, 2017, <http://news.wsui.org/post/nasa-siu-team-offer-eclipse-webinars-educators#stream/0>

“SIU, ISBE collaborate on student assessment”

SIUC News, Mar 22, 2017, <http://news.siu.edu/2017/03/032217tjc17018.php>

“Earthquake education kiosk unveiled at the Science Center”

WSIU – Listen Live, Feb 21, 2017, <http://news.wsui.org/post/earthquake-education-kiosk-unveiled-science-center#stream/0>

“Kiosk designed to raise awareness about earthquake threat”

SIUC News, Feb 15, 2017, <http://news.siu.edu/2017/02/021517tjc17004.php>

“Harvey Henson passionate about students, science, service”

SIUC News, April 10, 2014, <http://news.siu.edu/2014/04/chan-col041114.php>

“Mobile-bed river will help 'connect science' Southern Illinois...”

SIUC News, Oct 23, 2012, news.siu.edu/2012/10/102312par12178.html

“\$3.25 million NSF grant at SIU funds science outreach for middle school students”

the Southern Illinoisan, Oct 10, 2011,
http://thesouthern.com/news/local/education/article_4d385466-f371-11e0-b418-001cc4c002e0.html?mode=story#ixzz1aZvImN8a

“Partnership promotes science in area schools”

SIUC News, Jan 28, 2011, <http://news.siu.edu/2011/01/012811tjc11008.html>

“SIUC celebrates Native American Heritage Month”

SIUC News, Oct 26, 2009, <http://news.siu.edu/2009/10/102609cjm9284.html>

CURRICULUM VITAE of HARVEY HENSON, JR.

“Williamson County hosts disaster-planning session”

SIUC News, Jul 22, 2008, <http://news.siu.edu/2008/07/072208tjc8079.html>

“High-tech gear, sleuthing uncover long-lost graves”

SIUC News, Nov 16, 2007, <http://news.siu.edu/2007/11/111607tjc7116.html>

“New videos stress earthquake preparedness in southern Illinois”

WQAD News Channel 8, Jan 10, 2006

“Video project focuses on earthquake preparedness”

SIUC News, Oct 28, 2005, <http://news.siu.edu/2005/10/102805tc5010.html>

“Pursuing a Trail of Tears Mystery... Illinois Graves May Hold Cherokees' Remains”

Boston Globe, by Jim Suhr, *Associated Press*, Dec 27, 2005

http://www.boston.com/news/nation/articles/2005/12/27/pursuing_a_trail_of_tears_mystery/

“Will a Major Quake Shake the Midwest?” *NPR, Weekend Edition* with Scott Simon interview at

<https://www.npr.org/templates/story/story.php?storyId=5047579>, Dec 10, 2005.

“Museum sponsoring fossil hunts for kids - Southern Illinois University”

SIUC News, Mar 18, 2004, <http://news.siu.edu/2004/03/031804pd4023.html>

“High school Outreach program helps students dig up the past”

Daily Egyptian Newspaper, November 5, 2003

<http://archives.dailyegyptian.com/imported-20111018203805/2003/11/5/high-school-outreach-program-helps-students-dig-up-the-past.html>

“Southern Illinois region possesses 'ground shaking' potential”

Daily Egyptian Newspaper, Sept 30, 1999 <http://archives.dailyegyptian.com/imported-20111018203135/1999/9/30/southern-illinois-region-possesses-groundshaking-potential.html>

“13-year old prodigy wows scientists with fossil research”

Daily Egyptian Newspaper, April 12, 1999

<http://archives.dailyegyptian.com/imported-20111018203135/1999/4/12/13-year-old-prodigy-wows-scientists-with-fossil-research.html>

“An SIUC researcher warned in a speech Monday evening at the Student Center of the dangers of an earthquake occurring in the Southern Illinois region in an effort to raise funds for the victims of the Kobe earthquake”

Daily Egyptian Newspaper, Feb 8, 1995 <http://archives.dailyegyptian.com/imported-20111018201841/1995/2/8/an-siuc-researcher-warned-in-a-speech-monday-evening-at-the.html>

XIV. SERVICE AND COMMITTEES

University:

STEM Education Research Center, Interim Director (2016 to Present)

SMART MSMSed Teacher Program, Co-Director (2008 to Present)

CURRICULUM VITAE of HARVEY HENSON, JR.

Illinois Jr. Science & Humanities Symposium (IJSHS), PI (2015 to Present), Dir. (2015 & 2016)
University Museum, Adjunct Curator of Geology (1996 to Present)
Eclipse 2017 Education & Outreach Subcommittee, Chair (Spring 2016 to Present)
Undergraduate Creative Activities and Research Forum, Judge (Spring 2016 & 2017)
Illinois Junior Academy of Science, Science Fair Judge (Spring 1994 to Present)
Faculty/University Associate – University Housing (2008 to Present)
Science Living and Learning Community, Facilitator and Mentor (2008 to Spring 2016)
Living & Learning Community (LLC) University Housing Committee (2008 to Spring 2016)
Recruitment and Retention Committee (2008 to Spring 2016)
Exploratory Student Retention Task Force (2014 to 2015)
Coordinator of Recruitment and Retention Search Committee (Spring 2014)
Dean College of Science Search Committee (Fall 2013 & Spring 2014)
Assistant Director of New Student Programs Search Committee (Fall 2013)
University Student Retention Task Force (2012 to 2013)
University Scholarship Committee (2012 to 2013)
College of Science Advisor Search Committee (Fall 2011, Spring 2012 & Fall 2013)
New Student Programs Coordinator Search Committee (Spring 2011)
University Museum Director Search Committee (Fall 2000 & Spring 2001)
University Museum Accreditation Committee (Spring & Summer 2001)
LAN Administrators Group (1996 to 2009)
AP/Staff Peer Review Committee (1994 to 1998)
Early Warning System Facilitator for Students (1992 to 1999)
Project Magic – New Student Mentor (1992 to 1996)

College:

Unit Accreditation Coordinating Council (UACC), COEHS (Spring & Summer 2016)
Admission Review Committee, College of Science (2012 to 2016)
Scholarship Committee, College of Science (2012 to Spring 2016)
Saluki Science Ambassadors (SSA) Mentor, College of Science (2009 to 2016)
Admission Review Committee, College of Science (2012 to Spring 2016)

Departmental:

Early Childhood Tenure-Track Search Committee – Curriculum & Instruction (Fall 2018)
Early Childhood Instructor Search Committee – C&I (Summer 2018 to Present)
UCLC Program Coord/Clinical Supervisor Search Committee – C&I (Fall 2017 & Spring 2018)
UCLC Instructor Early Childhood Search Committee – C&I (Fall 2017 & Spring 2018)
UCLC Instructor/Lecturer Elem Education Search Committee – C&I (Fall 2017 & Spring 2018)
MS Education Planning Committee – Curriculum & Instruction (Summer 2017 to Present)
Middle Level Program Application Task Force – C&I (Spring 2016 to Present)
Scholarship Committee – Curriculum & Instruction (Spring 2016 to Present)
Program Coordinator – Biological Sciences Education (Spring & Summer 2016)
Early Childhood & Elem. Ed. Committee – Curriculum & Instruction (Spring 2016 to Present)
Computer Committee – Geology (1996-2008)

CURRICULUM VITAE of HARVEY HENSON, JR.

Professional:

Illinois Natural Hazard Mitigation Planning Committee (Fall 2017 to Present)
NASA/ATE Joint Commission on STEM Education in the Future, (Summer 2017 to Present)
Association of Teacher Educators (ATE) Technology & Future of Teacher Education
Committee (Spring 2017 to Present)
Science in the South, Planning Committee (Spring 2017 to Present)
ATE Proposal Review Committee (Spring 2016 to Present)
Trail of Tears Association, Board of Directors, (2006 to Present); Treasurer (2010 to Present)
Christian Campus Ministry, Board of Advisors, President (1999 to Present)
National Association of Geoscience Teachers, Workshop Facilitator Presenter (Spring 2016)
Boys and Girls Club of Carbondale, Board of Directors (2008 to 2011)
Multi-Hazards Planning and Educational Outreach Group (2006 to 2008)
Natural Resources & Environmental Management Society Mentor, Ball State Univ. (2008)
Southern Illinois Earthquake Advisory Committee (2005 to 2016)
Southern Illinois Networking Association (2003 to 2007), Carterville Chapter President (2005)

XV. HONORS AND AWARDS

BEA “Best of” Festival Award for Interactive Media & Emerging Technologies: *Earthquake Preparedness Kiosk* (2018), Broadcast Education Association conference, Las Vegas, NV.
Best Student Poster Award, coauthor grad student Zachariah Seaman (2018), “Noninvasive Ground Penetrating Radar Investigation of *Fallicambarus fodiens* Subsurface Habitations.” International Association of Astacology, 22nd International Symposium on Freshwater Crayfish, July 9-13, Carnegie Museum of Natural History, Pittsburgh, PA.
Early Career Faculty Excellence Award *nomination* (2018)
Staff Excellence Award and Medallion (2014)
Administrative & Professional Staff Council Commendation for Staff Excellence (2014)
SIUC Undergraduate Research Assistantship (2010, 2011, 2013, 2014 & 2015)
University Housing Service Recognition (2009, 2010, 2011, 2012, 2013 & 2014)
Staff Excellence Award *nomination* (2013, 2014)
Telly Awards - Bronze Telly Winner – Producer of “Are You Ready?” Earthquake PSA (2012)
Outstanding Philanthropic Service Initiative Award, *Unite for Sight* (2011)
GPS World on the Edge Application Challenge Winner (2010)
Dean’s List (BSU 1981-1985; SIUC 1985-1989, 1991-1994, 2008-2012)
Sigma Zeta National Science Honorary (1982-1985)
Honor Society of Phi Kappa Phi (1981-1988)
Indiana State Scholar (1981-1985)
U.S. Air Force Science Award (1981)
Kodak Award in Science (1981)

XVI. PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

National Association for Research in Science Teaching
Association of Teacher Educators

CURRICULUM VITAE of HARVEY HENSON, JR.

National Association of Geoscience Teachers
Illinois Association of Teacher Educators
Illinois Science Teachers Association/NSTA
Geological Society of America
Illinois State Academy of Science
Society of Exploration Geophysicists
National Trail of Tears Association & Illinois Chapter
Delta Chi Fraternity, Ball State University Chapter
Vine Community Church

XVII. STUDENT MENTORING (select list)

Saluki Science Ambassadors, Mentored over 350 student leaders and undergraduate researchers in College of Science (2009 to Spring 2016)

Science Living and Learning Community, Mentored 400 science students (2008 to Spring 2016)

SIUC Undergraduate Research Assistantship: Geo-archaeology investigation of Lincoln and Douglas Debate Site and Fort Kaskaskia Historic Site with undergraduate student Jordan Caylor (08/2015 to 05/2016)

SIUC Undergraduate Research Assistantship: Earthquake Research and Outreach to schools and community with undergraduate student Kailey Zalucha (08/2014 to 05/2016)

SIUC Undergraduate Research Assistantship: Geo-archaeology investigation of Bridges Wayside Store along the Trail of Tears with undergraduate students Jacob Patsch and Jordan Caylor (08/2014 to 05/2015)

SIUC Undergraduate Research Assistantship: Geo-archaeology investigation of Fort Kaskaskia with undergraduate student Saheed Obitayo (08/2014 to 05/2015)

SIUC Undergraduate Research Assistantship: Geo-archaeology investigation of the Trail of Tears with undergraduate student Daniel Matias (02/2014 to 08/2014)

SIUC Undergraduate Research Assistantship: Geoscience Education and Outreach to local schools with emphasis on Hazards Awareness and Preparedness with undergraduate geology student Christina Penna (08/2013 to 05/2014)

SIUC Undergraduate Research Assistantships: Earthquake Research and Outreach to schools and community; mentored undergraduate science education student Dustan Heidel (08/2010 to 05/2011 and 08/2011 to 05/2012)

SIUC REACH with undergraduate geology student Joseph Batir (2007-2008) “High Resolution GPR Geo-Archaeology Investigation of the Holiday Cemetery”; a *Morris K. Udall Scholar* recipient (2008), *Outstanding SIUC Senior* (2008), *USA Today All-USA* honorable mention (2008), and *Fulbright Scholar to Iceland* (2009-2010)

Unite for Sight SIUC registered student organization mentor and sponsor (2009-2012)

CURRICULUM VITAE of HARVEY HENSON, JR.

Basics in Geology afterschool program for local middle and high school students interested in geology & inquiry-based science research with presentations and publications (1999-2008)

XVIII. RECENT COLLABORATORS (select list)

Bruce DeRuntz (Technology/Engineering, SIUC)	Willy Hunter (CeMaST, Illinois State Univ)
Lingguo Bu (C&I, SIUC)	Ron Davis (former Mitigation Officer, IEMA)
Scott Ishman (Dean of College of Science, SIUC)	Steve Gough (Little River R & D, Carbondale, IL)
Steve Esling (Geology, SIUC)	David Gibson (Plant Biology, SIUC)
Angela D. Box (STEM Center, SIUC)	Kathy Pericak-Spector (Math, SIUC)
Scott Hodgson (University of Oklahoma)	Tiku Ravat (University of Kentucky)
Daniel Brown (Illinois State Board of Education)	Greg Byer (Arcadis US, Inc., Indianapolis, IN)
Frackson Mumba (Science Ed., Univ Virginia)	Sally O'Leary (Murphysboro High School)
Yanyan Sheng (Quantitative Methods, SIUC)	Brett Denny (Illinois State Geologic Survey)
Wesley Calvert (Mathematics, SIUC)	Nina Marifian (Ellis Elem School, Belleville, IL)
Senetta Bancroft (Science Ed., SIUC)	Wen-June Su (Illinois State Geologic Survey)
John McIntyre (C&I, SIUC)	John Mundell (Mundell & Associates, Indianapolis, IN)
Mary Ann Quivey (STEM Center, SIUC)	Mamadou Coulibaly (Univ. Wisconsin, Oshkosh, WI)
Rhonda Kowalchuk (Ed. Psych. & Sp. Ed., SIUC)	Chris Grode (Superintendent Murphysboro 186)
Mary Wright (Mathematics, SIUC)	Dawn Cobb (Illinois State Museum)

XIX. DOCTORAL, MASTERS AND OTHER GRADUATE STUDENTS

Doctoral Students (*all in Curriculum and Instruction unless noted otherwise*)

Desirée Harned - Advisor & co-Chair of Dissertation committee
Duane Lickeig - Advisor & co-Chair of Dissertation committee
Rasheta Fateen - Advisor & co-Chair of Dissertation committee
Eugenia Nyirenda - Advisor & co-Chair of Dissertation committee
Suleman B. Alshammari - Advisor & co-Chair of Dissertation committee
Maitha Binjaweer - on Dissertation committee
Dalal Alshammari - on Dissertation committee
Fatimah Alenazi - on Dissertation committee
Clyde Hurley - on Dissertation committee
Deidra Davis (Environ. Res. & Policy) - on Dissertation committee (defended Spring 2017)
Adam Al-Sultan - Advisor & co-Chair of Dissertation committee (defended Fall 2016)
Rabab Mousa - on Dissertation committee (defended Fall 2016)

Masters Science Students

Zachariah Seaman - Geology MA (expected 2020), Advisor
Sarah George - Curriculum & Instruction MS Ed (expected 2018), Advisor
Catherine Dempsey - Geology MA (Fall 2018), Advisor
Levi Milliron - Geology MA (Summer 2017), Thesis committee member
Christine Black-Corley - Geology MA (Spring 2011), Advisor

Other Graduate Students Supervised

CURRICULUM VITAE of HARVEY HENSON, JR.

Duane Lickteig (2015-2016), Benjamin Elliott (2014), Valerie Rasp (2012-2014), Rajvee Subramanian (2009, 2011, 2014), Lisa Kuta (2011-2012), Erin Miles (2010-2011), Christine Black-Corley (2010-2011), Andrew Podoll (2007-2009), Sanjay Chintalacheruvu (2006-2007), Srinivas Reddy (2005-2006), Li Park (2001-2002), Kudzai Musumhi (2001-2002), and Aurora Strick (2001)