

## Curriculum Vitae

# CHRISTOPHER R. RAKES

## EDUCATION

Ph.D.	2010	University of Louisville,	Curriculum & Instruction – Secondary Mathematics Education, with emphasis in quantitative research methodology
M.A.	2000	University of Kentucky,	Secondary Education, Mathematics Education
B.A.	1999	University of Kentucky,	Mathematics Education

## Experience in Higher Education

2012 – Present	University of Maryland Baltimore County, Assistant Professor, Mathematics Education
2009-2010	University of Louisville, Graduate Teaching and Research Assistant, Education
2008-2009	University of Louisville, Doctoral Student Fellow, Education
2007 – 2010	Jefferson Community and Technical College—Carrollton KY, Adjunct Faculty, Mathematics
2001 – 2003	Bluegrass Community and Technical College—Leestown, Adjunct Faculty, Mathematics

## Experience in Other than Higher Education

2010 – 2012	Institute of Education Sciences, Standards and Review Office, Associate Research Scientist
2004 – 2008	Secondary Mathematics Teacher Henry County High School
2000 – 2004	Secondary Mathematics Teacher Eastside Technical Center

## Honors Received

2013	<i>Journal of School Psychology</i> 2012 Article of the Year Honorable Mention
2013	Associate Graduate Faculty Membership Approved
2010	University of Louisville Graduate Dean's Citation
2009-10	University of Louisville Graduate Assistantship
2008-09	University of Louisville Graduate School Fellowship
2007	Who's Who among America's High School Teachers: Henry County High School (Student Nominated)

2007	Outstanding Teacher Award: Henry County High School (Student Nominated and Awarded)
2006	Golden Key International Honour Society
2006	Outstanding Teacher Award: Henry County High School (Student Nominated and Awarded)
2005	Who's Who among America's High School Teachers: Henry County High School (Student Nominated)
2004	Outstanding Service Award: Eastside Technical Center
2003	Outstanding Advisor of the Year: KY SkillsUSA VICA
2002	Who's Who among America's High School Teachers: Eastside Technical Center (Student Nominated)

### Research Support and/or Fellowships

Year	Project/Description	Amount	Source	Role
2013	A Blueprint for Assessing Rational Number Misconceptions	\$6,000	UMBC Summer Faculty Fellowship	PI
2013	Modeling as a Pedagogical Tool for the Life Science Curriculum	\$4,300	UMBC Hrabowski Fund for Academic Innovation	Co-PI
2013	Modeling as a Pedagogical Tool for the Life Science Curriculum	\$12,000	UMBC Dean's Fund, College of Natural & Mathematical Sciences	Co-PI
2012-14	Examining Relationships among Symptom Burden, Coping, and Caregiver Psychological Distress at End-of-Life	\$53,000	John A. Hartford Foundation	Evaluator (PI: Karla Washington, University of Louisville/University of Missouri School of Medicine)
2009-10	Predicting Student Outcomes from Information Knowable at the Time of Hire	\$90,000	U.S. Department of Education	Graduate Research Assistant (PI: Jeff Valentine, University of Louisville)
2008-10	Geometry Assessments for Secondary Teachers	\$3,081,716	National Science Foundation	Graduate Research Assistant (PI: William Bush, University of Louisville)
2008-09	Doctoral Student Fellowship	\$18,000	University of Louisville Graduate School	Fellow

## PUBLICATIONS, PRESENTATIONS, AND CREATIVE ACHIEVEMENTS

### Publications

#### Peer-Reviewed Works

##### **Books**

Ronau, R. N., **Rakes, C. R.**, & Niess, M. L. (Eds.). (2011). *Educational technology, teacher knowledge, and classroom impact: A research handbook on frameworks and approaches*. Hershey, PA: IGI Global. DOI: 10.4018/978-1-60960-750-0

**Rakes, C. R.** (2010). Misconceptions in rational numbers, probability, algebra, and geometry. *Dissertation Abstracts International – A*, 71(08), Feb 2011. (UMI No. AAT 3415205)  
Full text available at  
<http://digital.library.louisville.edu/cdm/singleitem/collection/etd/id/957/rec/10>

##### **Articles**

Ronau, R. N., **Rakes, C. R.**, Bush, S., Driskell, S., Niess, M. L., & Pugalee, D. (in press). A systematic study of dissertations in mathematics educational technology and its implications for doctoral programs. *American Educational Research Journal*.

Rudasill, K. M., Niehaus, K., Crockett, L., & **Rakes, C.** (in press). Changes in school connectedness and deviant peer affiliation among sixth-grade students from high-poverty neighborhoods. *Journal of Early Adolescence*, published online 12 December 2013. DOI: 10.1177/0272431613511330. Full text available at  
<http://jea.sagepub.com/content/early/2013/12/10/0272431613511330.full.pdf>

Niehaus, K., Rudasill, K., & **Rakes, C. R.** (2012). A longitudinal study of school connectedness and academic outcomes across sixth grade. *Journal of School Psychology*, 50, 443-460. DOI: 10.1016/j.jsp.2012.03.002

**Rakes, C. R.**, Valentine, J., McGatha, M. C., & Ronau, R. N. (2010). Methods of instructional improvement in algebra: A systematic review and meta-analysis. *Review of Educational Research*, 80, 372-400. DOI: 10.3102/0034654310374880

McGatha, M. B., Bush, W. S., & **Rakes, C. R.** (2009). The effects of professional development in formative assessment on mathematics teaching performance and student achievement. *Journal of Multidisciplinary Evaluation*, 6, 32-43. Full text available at [http://journals.sfu.ca/jmde/index.php/jmde\\_1/article/view/224](http://journals.sfu.ca/jmde/index.php/jmde_1/article/view/224)

##### **Chapters in Books**

Ronau, R. N., & **Rakes, C. R.** (2011). Aspects of teacher knowledge and their interactions: A comprehensive framework for research. In R. N. Ronau, C. R. Rakes, & M. L. Niess (Eds.), *Educational technology, teacher knowledge, and classroom impact: A*

*research handbook on frameworks and approaches* (pp. 59-102). Hershey, PA: IGI Global. DOI: 10.4018/978-1-60960-750-0.ch004

Ronau, R. N., & **Rakes, C. R.** (2011). Making the grade: Reporting educational technology and teacher knowledge research. In R. N. Ronau, C. R. Rakes, & M. L. Niess (Eds.), *Educational technology, teacher knowledge, and classroom impact: A research handbook on frameworks and approaches* (pp. 323-332). Hershey, PA: IGI Global. DOI: 10.4018/978-1-60960-750-0.ch014

Ronau, R. N., **Rakes, C. R.**, Niess, M. L., Wagener, L., Pugalee, D., Browning, C., Driskell, S. O., & Mathews, S. M. (2010). New directions in the research of technology-enhanced education. In J. Yamamoto, C. Penny, J. Leight, & S. Winterton (Eds.), *Technology leadership in teacher education: Integrated solutions and experiences* (pp. 263-297). Hershey, PA: IGI Global. DOI: 10.4018/978-1-61520-899-9.ch015

### **Research Brief**

Ronau, R. N., **Rakes, C. R.**, Bush, S. B., Driskell, S., Niess, M. L., & Pugalee, D. (2011). *Using calculators for teaching and learning mathematics. Research Brief*. Reston, VA: National Council of Teachers of Mathematics. Full text available at <http://www.nctm.org/news/content.aspx?id=31192>

### **Non-Peer Reviewed Works**

#### **Technical Reports**

Aseltyne, E., North, C., & **Rakes, C. R.** (2013). *A vision of CAIRE Breakthrough sustainability as seen by cross-functional team personnel*. [Technical Report]. Baltimore, MD: University of Maryland, Baltimore County and Towson University. Full report available at [http://csrakes.yolasite.com/resources/Papers/Aseltine\\_North\\_Rakes\\_2013\\_Sustainability\\_of\\_CAIRE\\_Breakthrough\\_Center.pdf](http://csrakes.yolasite.com/resources/Papers/Aseltine_North_Rakes_2013_Sustainability_of_CAIRE_Breakthrough_Center.pdf)

Valentine, J. C., **Rakes, C. R.**, & Canada, D. (2010). *Predicting student outcomes from information knowable at the time of hire: A systematic review*. Report submitted to the U.S. Department of Education, grant award # U215K050530. Full report available at [http://csrakes.yolasite.com/resources/Papers/Valentine\\_Rakes\\_Canada\\_2010\\_TQ\\_at\\_time\\_of\\_hire.pdf](http://csrakes.yolasite.com/resources/Papers/Valentine_Rakes_Canada_2010_TQ_at_time_of_hire.pdf)

Rudasill, K. M., & **Rakes, C. R.** (2008, August). *Analysis of a district school satisfaction survey: General report* (Report No. 1). Louisville, KY: University of Louisville. Report submitted to the Jefferson County Public School System Accountability, Research, and Planning Department. Full report available at [http://csrakes.yolasite.com/resources/Papers/Rudasill\\_Rakes\\_2008\\_JCPS\\_General\\_Report.pdf](http://csrakes.yolasite.com/resources/Papers/Rudasill_Rakes_2008_JCPS_General_Report.pdf)

**Rakes, C. R.**, & Rudasill, K. M. (2008, August). *Analysis of a district school satisfaction survey: Technical report* (Report No. 2). Louisville, KY: University of Louisville.

Report submitted to the Jefferson County Public School System Accountability, Research, and Planning Department. Full report available at [http://csrakes.yolasite.com/resources/Papers/Rakes\\_Rudasill\\_2008\\_JCPS\\_Technical\\_Report.pdf](http://csrakes.yolasite.com/resources/Papers/Rakes_Rudasill_2008_JCPS_Technical_Report.pdf)

## Works Submitted or In Preparation

### *Journal Articles*

- Ronau, R. N., **Rakes, C. R.**, Niess, M. L., Bush, S. B., Driskell, S., & Pugalee, D. (under review). *Quality of mathematics education technology literature.*
- Rakes, C. R.**, & Ronau, R. N. (under revision). *The structure of mathematics misconceptions in algebra, geometry rational numbers, and probability.*
- Pössel, P., **Rakes, C. R.**, Rudasill, K. M., Sawyer, M. G., Spence, S. H., & Sheffield, J. (under revision). *Does teacher-reported school climate predict depressive symptoms in Australian high-school students?*
- Rakes, C. R.**, Driskell, S., Ronau, R. N., Bush, S., Pugalee, D., & Niess, M. L. (2014). *An examination of research quality moderators on the impact of technology in mathematics education: A meta-analysis.* (In Preparation)
- \*Kirvan, R., & **Rakes, C. R.** (2014). *Flipping an algebra classroom: An efficacy study.* (In Preparation)
- Washington, K. T., **Rakes, C. R.**, Otten, S. J., & Oliver, D. P. (2014). *Coping behaviors in hospice patient caregivers: A confirmatory factor analysis.* (In Preparation)
- Whitworth, K., **Rakes, C. R.**, Leupen, S., & Bustos, M. (2014). *Use of modeling as a pedagogical tool in an undergraduation biology teaching laboratory.* (In Preparation).

\*Student Collaborator

### Presentations

#### Conference/Poster Presentations (Juried/Refereed)

- Washington, K., **Rakes, C.**, & Parker Oliver, D. (2014, June). *Conceptualizing carer coping at end-of-life.* Poster presented at the 8<sup>th</sup> World Research Congress of the European Association for Palliative Care, Lleida, Spain.
- Washington, K., **Rakes, C.**, Otten, S., & Parker Oliver, D. (2014, June). *Examining family carer psychological distress: Is the construct evidence-based?* Poster presented at the 8<sup>th</sup> World Research Congress of the European Association for Palliative Care, Lleida, Spain.

- Rakes, C. R., & Ronau, R. N.** (2014, April). *The structure of mathematics misconceptions in algebra, geometry rational number, and probability*. Paper presented at the annual meeting of the American Education Research Association, Philadelphia, PA.
- Ronau, R. N., **Rakes, C. R.**, Bush, S. B., Driskell, S. O., Niess, M. L., & Pugalee, D. (2014, April). *A survey of mathematics education technology dissertation scope and quality: 1968-2009*. Paper presented at the annual meeting of the American Education Research Association, Philadelphia, PA.
- Rudasill, K. M., Niehaus, K., Crockett, L., & **Rakes, C.** (2014, April). *Growth in school connectedness and risky behavior for sixth-grade students living in high-poverty neighborhoods*. Paper presented at the annual meeting of the American Education Research Association, Philadelphia, PA.
- Washington, K. T., **Rakes, C.**, Otten, S., & Parker Oliver, D. (2014, March). *Conceptualizing caregiver coping: What do the data show?* Paper presented at the Social Work Hospice & Palliative Care Network General Assembly, San Diego, CA.
- Driskell, S. O., Bush, S. B., Ronau, R. N., **Rakes, C. R.**, Niess, M. L., & Pugalee, D. (2014, February). *Professional development shifts in mathematics education technology*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.
- Rakes, C. R., & Ronau, R. N.** (2014, February). *The structure of mathematics misconceptions in algebra, geometry rational number, and probability*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.
- Whitworth, K., **Rakes, C. R.**, Leupen, S., & Bustos, M. (2014, January). *Use of modeling as a pedagogical tool in an undergraduate biology teaching laboratory*. Poster presented at the Provost's Teaching and Learning Symposium of the University of Maryland Baltimore County, Baltimore, MD.
- Whitworth, K., **Rakes, C. R.**, Leupen, S., & Bustos, M. (2014, January). *Use of modeling as a pedagogical tool in an undergraduate biology teaching laboratory*. Poster presented at the annual meeting of the Society for Integrative and Comparative Biology, Austin, TX.
- Ronau, R. N., **Rakes, C. R.**, Bush, S. B., Driskell, S. O., Niess, M. L., & Pugalee, D. (2013, November). *A survey of mathematics education technology dissertation scope and quality: 1968-2009*. Paper presented at the annual meeting of the North American Chapter of the International Group of the Psychology of Mathematics Education, Chicago, IL.
- Rakes, C. R., & Ronau, R. N.** (2013, November). *The structure of mathematics misconceptions in algebra, geometry rational number, and probability*. Paper

presented at the annual meeting of the North American Chapter of the International Group of the Psychology of Mathematics Education, Chicago, IL.

- Rakes, C. R., & Ronau, R. N.** (2013, November). *Understanding and addressing algebra, geometry, rational number, and probability misconceptions*. Paper presented at the regional meeting of the National Council of Teachers of Mathematics, Louisville, KY.
- Ronau, R. N., **Rakes, C. R.**, & Bush, S. B. (2012, April). *Using research in mathematics educational technology to inform classroom teaching*. Paper presented at the meeting of the National Council of Teachers of Mathematics, Philadelphia, PA.
- Rakes, C. R.**, Niess, M. L., & Ronau, R. N. (2012, April). Teacher knowledge and education technology: Two frameworks to guide inquiry. In C. R. Rakes (Chair), *Education Technology, Teacher Knowledge, and Classroom Impact: Frameworks and Approaches to Research*. Symposium conducted at the meeting of the American Educational Research Association, Vancouver, BC, Canada.
- Rakes, C. R.**, & Ronau, R. N. (2012, April). Making the grade: Reporting education technology and teacher knowledge research. In C. R. Rakes (Chair), *Education Technology, Teacher Knowledge, and Classroom Impact: Frameworks and Approaches to Research*. Symposium conducted at the meeting of the American Educational Research Association, Vancouver, BC, Canada.
- Rakes, C. R.** (2012, April). Teacher knowledge and education technology: Two frameworks to guide inquiry. In C. R. Rakes (Chair), *Education Technology, Teacher Knowledge, and Classroom Impact: Frameworks and Approaches to Research*. Symposium conducted at the meeting of the American Educational Research Association, Vancouver, BC, Canada.
- Rakes, C. R.** (2012, February). Research in mathematics educational technology: Study overview. In C. R. Rakes (Chair), *A structured inquiry of research in mathematics educational technology: Findings and implications*. Symposium presented at the meeting of the Association of Mathematics Teacher Educators, Fort Worth, TX.
- Ronau, R. N., **Rakes, C. R.**, Bush, S., Driskell, S. O., & Pugalee, D. (2012, February). Dissertation studies in mathematics education technology: 1968-2009. In C. R. Rakes (Chair), *A structured inquiry of research in mathematics educational technology: Findings and implications*. Symposium presented at the meeting of the Association of Mathematics Teacher Educators, Fort Worth, TX.
- Bush, S., Driskell, S. O., Pugalee, D., & Niess, M. L., Ronau, R. N., & **Rakes, C. R.** (2012, February). Mathematics education technology research: A look at purposes and quality over the past four decades. In C. R. Rakes (Chair), *A structured inquiry of research in mathematics educational technology: Findings and implications*.



Symposium presented at the meeting of the Association of Mathematics Teacher Educators, Fort Worth, TX.

**Rakes, C. R.**, Ronau, R. N., & Driskell, S. O. (2012, February). The relationship of achievement and orientation differences: A meta-analysis of mathematics educational technology studies. In C. R. Rakes (Chair), *A structured inquiry of research in mathematics educational technology: Findings and implications*. Symposium presented at the meeting of the Association of Mathematics Teacher Educators, Fort Worth, TX.

Driskell, S., Ronau, R. N., **Rakes, C. R.**, Bush, S., Niess, M L., & Pugalee, D. (2011, October). *Research in mathematics educational technology: Current trends and future demands*. Paper presented at the annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Reno, NV.

Rudasill, K. M., Niehaus, K., & **Rakes, C. R.** (2011, March). *A longitudinal study of school connectedness, risky behavior, and academic outcomes across sixth grade*. Paper presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

**Rakes, C. R.**, Ronau, R. N., Niess, M. L., Driskell, S. , Pugalee, D., & Bush, S. (2011, January). *Research in mathematics instructional technology: Current trends and future demands*. Symposium presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.

**Rakes, C. R.** (2011, January). *Teaching algebra for conceptual understanding*. Symposium presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.

**Rakes, C. R.** (2010, April). *Addressing mathematical misconceptions: Is probability the independent variable?* Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.

Ronau, R. N., **Rakes, C. R.**, Niess, M. L., & Wagner, L. (2010, April). *Research in mathematics instructional technology: Current trends and future demands*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.

Ronau, R. N., & **Rakes, C. R.** (2010, April). *Research in Mathematics Instructional Technology: Current Trends and Future Demands*. Poster presented at the research pre-session of the annual meeting of the National Council of Teachers of Mathematics, San Diego, CA.



**Rakes, C. R.**, Wagener, L., & Ronau, R. N. (2010, January). *New directions in the research of technology-enhanced education*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators, Irvine, CA.

**Rakes, C. R.** (2009, November). *Using virtual manipulatives to enhance students' understanding*. Paper presented at the regional meeting of the National Council of Teachers of Mathematics, Nashville, TN.

**Rakes, C. R.** (2009, April). *Effective strategies for teaching algebra: A meta-analysis using hierarchical linear modeling*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

Ronau, R. N., Wagener, L., & **Rakes, C. R.** (2009, April). A comprehensive framework for teacher knowledge: A lens for examining research. In R. N. Ronau (Chair), *Knowledge for Teaching Mathematics, a Structured Inquiry*. Symposium conducted at the annual meeting of the American Educational Research Association, San Diego, CA.

McGatha, M. B., Bush, W. S., & **Rakes, C. R.** (2009, February). *Formative assessment for middle-school mathematics teachers*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators, Orlando, FL.

Ronau, R. N., **Rakes, C. R.**, Wagener, L., & Dougherty, B. (2009, February). *A comprehensive framework for teacher knowledge: Reaching the goals of mathematics teacher preparation*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators, Orlando, FL.

### Conference/Poster Presentations (Non-Juried/Refereed)

**Rakes, C. R.** (2013, October). *Mathematics on Saturday? Creating rigor through CCSSM to support mathematics instruction during the week*. Workshop presented to the Saturday Mathematics Academy of Maryland's Howard County School District, Columbia, MD.

**Rakes, C. R.** (2013, July). *Implementing the Common Core State Standards for Mathematics*. Workshop presented to Lakeland Elementary Middle School, Baltimore, MD.

Ronau, R. N., & **Rakes, C. R.** (2013, March). *Addressing the Common Core State Standards for Mathematics: Development and analysis of materials for alignment with CCSSM*. Invited presentation to the Circles on the Road meeting, Mayaguez, Puerto Rico.

**Rakes, C. R.** (2012, October). *Using research in mathematics educational technology to inform classroom teaching*. Paper presented at the annual meeting of the Maryland Council of Teachers of Mathematics, Owings Mills, MD.

**Rakes, C. R.** (2012, October). *Practice guides from the What Works Clearinghouse: Making the most of research in your classroom*. Paper presented at the annual meeting of the Maryland Council of Teachers of Mathematics, Owings Mills, MD.

**Rakes, C. R.** (2012, April). *The value of research*. Keynote address presented at the annual meeting of the Tri-University Spring Research Conference, Louisville, KY.

Ronau, R. N., & **Rakes, C. R.** (2011, April). *Research in mathematics instructional technology: Current trends and future demands*. Presentation given to the faculty at the Center for Education Integrating Science, Mathematics, and Computing, Georgia Institute of Technology, Atlanta, GA.

**Rakes, C. R.** (2009, April). *Effective strategies for teaching algebra: A meta-analysis using hierarchical linear modeling*. Paper presented at the annual meeting of the Tri-University Spring Research Conference, Louisville, KY.

**Rakes, C. R.,** & Brown, E. T. (2009, January). *Virtual manipulatives in mathematics*. Session presented at the quarterly meeting of the Greater Louisville Council of Teachers of Mathematics, Louisville, KY.

**Rakes, C. R.,** & Walters, M. (2003, July). *Mathematics in Career and Technical Education*. Paper presented at the Kentucky Department of Education Career and Technical Education Summer Conference, Louisville, KY.

## SERVICE TO THE DEPARTMENT, UNIVERSITY, COMMUNITY, AND PROFESSION

### Service to the Profession *Committees*

Dates	Organization	Nature of Appointment	Role/Function	Contributions/ Time Involvement
2011-2014	National Council of Teachers of Mathematics	Appointed	Committee Member	Emerging Issues Committee/ 2 two-day meetings per year

### *Editing and Reviewing*

Dates	Name	Role
2014-Present	National Council of Teachers of Mathematics CAEP SPA Reports	Lead Team Reviewer
2012-Present	Journal of Education Research	Article Reviewer
2012-2014	National Council of Teachers of Mathematics NCATE SPA Reports	Program Reviewer
2010-Present	Contemporary Issues in Technology and Teacher Education (CITE) Journal	Editorial Review Board Member
2010-Present	Society of Information Technology and Teacher Education (SITE)	Conference Reviewer
2008-Present	Mathematics Teacher	Article Reviewer
2010-11	Association of Mathematics Teacher Educators (AMTE)	Conference Reviewer
2009-Present	American Educational Research Association (AERA)	Conference Reviewer

2010	American Educational Research Association (AERA) Structural Equation Modeling Special Interest Group	Session Chair
2010-Present	JESPAR: Journal of Education for Students Placed At Risk	Article Reviewer
2008-10	American Educational Research Association (AERA)	Graduate Student Liaison
2009	Contemporary Issues in Technology and Teacher Education (CITE) Journal	Article Reviewer
2008-09	Tri-University Spring Research Conference	Program Chair

## Service to the University of Maryland Baltimore County

### Education Department Committee

Dates	Name of Committee	Role	Contributions
2012-Present	Secondary Program	Mathematics Coordinator	Meet Monthly; Program Revision
2013-Present	Assessment Committee	Member	Meet Monthly
2013	Clinical Practice Performance Assessment (CPPA) Revision Project	Assessment Sub-Committee Chair	Create new evaluation tool, observation tool, and training materials

## Service to the Institute of Education Sciences

### Committee

Dates	Name of Committee	Role	Contributions
2010-12	Disclosure Review Board	Member	Review Disclosure Analysis Plans

## Service to the University of Louisville

### University Committees

Dates	Name of Committee	Role	Contributions
2008-10	Graduate Student Council	Teaching & Learning Representative	Meet Monthly Grievance Sub-Committee Member

## College of Education and Human Development

### Committees

Dates	Name of Committee	Role	Contributions
2008-09	Technology	Graduate Student Member	Meet Monthly
2008-09	Psychometrician Search	Graduate Student Member	Interview Candidates, Offer Recommendations
2009	Spring Research Committee Technology	Member	Set up, tear down, and provide support for conference room technology

## Service to Henry County High School

Dates	Description	Role
2005-08	Kentucky Teacher Internship Program	Resource Teacher
2007-08	Create and Maintain Unit Database	Developer

**Service to Eastside Technical Center**

<b>Dates</b>	<b>Description</b>	<b>Role</b>
2002-04	Kentucky Teacher Internship Program	Resource Teacher
2001-04	Kentucky Skills Standards School Accreditation	Coordinator
2000-04	Kentucky SkillsUSA VICA	Advisor