

TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Barbara Hewitt, Ph. D.

Title: Assistant Professor

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph. D.	2008	University of Texas at San Antonio	Information Technology	"WHY DIFFERENCES MAKE A DIFFERENCE" ¹ —REDUX: A FIELD STUDY OF THE EFFECT OF CONFLICT, DIVERSITY, AND KNOWLEDGE SHARING ON THE PERFORMANCE OF INFORMATION TECHNOLOGY PROJECT TEAMS
MBA	1994	Texas State University	Minor – Computer Science	N/A
BS	1983	University of Texas at San Antonio	Math, Computer Science and System Design	N/A

C. University Experience

Position	University	Dates
Assistant Professor	Texas State University	Fall 2015
Associate Professor	Texas A&M University -- San Antonio	Fall 2014 - August 2015
Assistant Professor	Texas A&M University -- San Antonio	2008-2014
Lecturer	Texas A&M University -- San Antonio	2007-2008
Adjunct Lecturer	Texas A&M University -- San Antonio	2006-2007
Teaching Assistant, Information Systems	University of Texas at San Antonio	2004-2005
Lecturer	Texas State University	1999-2003

D. Relevant Professional Experience

Position	Entity	Dates
Research Assistant	University of Texas at San Antonio	2002 – 2004
System Analyst	Texas State University	1989 – 1998

¹ Jehn *et al.* 1999

Computer Consultant	Hewitt Consulting	1985 – 1989
Computer Specialist	Kelly Air Force Base	1985 – 1986

E. Other Professional Credentials (licensure, certification, etc.)

II. TEACHING

A. Teaching Honors and Awards:

B. Courses Taught:

ACCT 4317 Accounting Information Systems
ACCT 5307 Accounting Information Systems
CISA 3351, Database*
CISA 3354, Cobol
CISA 3356, System Analysis and Design*
CISA 3358, Management Information Systems*
CISA 4358, Senior Project
CISA 4359, ASP.Net
CISA 4359, Independent Studies – ABAP and HANA programming
CISA 4311, Project management*
CISA 4321, Security *
CISA 4322, Information Policy and Assurance
CISA 4324, Risk Analysis
CISA 4331, Enterprise Resource Planning Systems Using SAP*
CISA 4334 Business Process Integration using SAP*
CISA 5309 Computer Technology Applications*
CISA 5311, Project Management*
CISA 5321, Information Security
CISA 5322 Information Policy and Assurance
CISA 5324, Risk Analysis
CISA 5331, Enterprise Resource Planning Systems Using SAP*
CISA 5334 Business Process Integration using SAP*
MGMT 3311, Principles of Management
IS 3073, Application Development using Visual Basic.Net
HIM 3310 (4345)*, Health Information Systems Management
HIM 3310 (4345)*, Health Information Systems Management Lab
HIM 3311 (4355)*, Management of HIM Systems
HIM 4225*, Health Information Management Research and Education
HIM 4310 (3365)*, HIM Departmental Management and Relationships
HIM 4383*, HIM Seminar
HIM 4385*, Health Information Management Practicum (WI)
*Courses taught on campus and distance education via Internet

C. Graduate Theses/Dissertations, Honors Theses, or Exit Committees (if supervisor, please indicate):

D. Courses Prepared and Curriculum Development:

ACCT 4317 Accounting Information Systems
ACCT 5307 Accounting Information Systems
CISA 3354, Cobol
CISA 3356, System Analysis and Design
CISA 3358, Management Information Systems

CISA 4358, Senior Project
CISA 4359, ASP.Net
CISA 4359, Independent Studies – ABAP and HANA programming
CISA 4311, Project management*
CISA 4321, Security *
CISA 4322, Information Policy and Assurance
CISA 4324, Risk Analysis
CISA 4331, Enterprise Resource Planning Systems Using SAP*
CISA 4334 Business Process Integration using SAP*
CISA 5309 Computer Technology Applications*
CISA 5311, Project Management*
CISA 5321, Information Security
CISA 5322 Information Policy and Assurance
CISA 5324, Risk Analysis
CISA 5331, Enterprise Resource Planning Systems Using SAP*
CISA 5334 Business Process Integration using SAP*
HIM 3310 (4345)*, Health Information Systems Management
HIM 3310 (4345), Health Information Systems Management Lab
HIM 3311 (4355), Management of HIM Systems

Curriculum development of Computer Information Systems Concentrations and curriculum redesign

E. Funded External Teaching Grants and Contracts:

F. Submitted, but not Funded, External Teaching Grants and Contracts:

G. Funded Internal Teaching Grants and Contracts:

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:

I. Other:

Texas A&M University-San Antonio Excellence in Teaching Award (2011)
Texas A&M University-San Antonio Faculty Excellence with Distinction (2010)
Texas A&M University-San Antonio Excellence in Teaching Award (2009)

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press)

1. Books (if not refereed, please indicate)

a. Scholarly Monographs:

b. Textbooks:

c. Edited Books:

d. Chapters in Books:

e. Creative Books:

2. Articles

a. Refereed Journal Articles:

White, G., Hewitt, B., and Kruck, S. E., (2013) "Incorporating Global Information Security and Assurance in I.S. Education:," *Journal of Information Systems Education*, Spring 2013, 24(1), pp 11-16.

Hewitt, B. and McLeod, A., (2011). "Modeling Security in Acceptance of Electronic Health Record Systems", *Journal of Information Privacy and Security*, (3), 23-45.

Hewitt, B. (2010) "Exploring how security features affect the use of electronic health records," *International Journal of Healthcare Technology and Management*, 11 (1/2), 31-49.

Goles T., White G., Beebe, N., Dorantes, A., and Hewitt, B., (2006) "Moral Intensity and Ethical Decision-Making: A Contextual Extension," *DATA BASE*. 37(2-3) page 86-95.

Moczygemba, Jackie and Hewitt, Barbara, (June 2001) "Managing Clinical Data in an Electronic Environment," *The Health Care Manager*, 19(4), 33-38.

b. Non-refereed Articles:

3. Conference Proceedings

a. Refereed Conference Proceedings:

Hewitt, B., Huson, M.; & Ballard, L. (2015) "Improving Risk Management Practices: Is Regulation The Way?" Southwest Decision Science Institute Conference Proceedings, March 2015.

Hewitt, B (2014) "Enhancing Classroom Learning About Security with other Opportunities" Women in Cyber Security, Nashville, TN, April 2014.

Burdwell, R. & Hewitt, B. (2014) "Project Management Systems for Today's Project Manager" Southwest Decision Science Institute Conference Proceedings, March 2014.

Hewitt, B & Huson, M., (2013) "Augmenting Learning Through Competitions, Events, and Club Meetings Panel Discussion", 2013 Southwest Teaching and Learning Conference, April 2013.

Harun, S. & Hewitt, B. (2013) "Challenges to Implementing ERP Systems" 2013 AIBSW Conference Proceedings, March 2013.

Wander, J; Hewitt, B.; & Huson, M. "Securing Electronic Health Records In Private Practices, Small Clinics, And Large Clinics" Southwest Decision Science Institute Conference Proceedings, March 2013.

Touchette, T.; Hewitt, B.; & Huson, M. (2012) "Password Security: What Factors Influence Good Password Practices," 2012 Southwest Decision Support Institute Conference Proceedings, March 2012.

Hewitt, B. & Hurley, T. (2012) "E-book Adoption Acceptance Model", 2012 Southwest Decision Support Institute Conference, March 2012

Coleman, R., Voges, K., & Hewitt, B., (2011) "Communicating Through Technology: Making it Work in Today's Blended Classes," 2011 Southwest Teaching & Learning Conference, April 2011.

Hewitt, B. & Hurley, T. (2010) "Using Adoption Theories to Determine Factors Affecting Higher Education Students Perception of E-books," 2010 Southwest Teaching & Learning Conference proceedings, May 2010.

Hewitt, B., Elam, D, & Harun, S. (2010) "Use of Technology to Enhance Learning in Education, A Panel Discussion" 2010 Southwest Teaching & Learning Conference proceedings, May, 2010.

Hewitt, B: (2009) "Using the Technology Acceptance Model to Explore How Security Measures in the Adoption of Electronic Health Record" Americas Conference of Information Systems

Hewitt, B. (2009). "Adoption of Security Measures While Implementing Electronic Health Records" Southwest Decision Sciences Institute.

Dorantes, C., Hewitt, B., and Goles, T. , (2006). "Ethical Decision-Making in an IT Context: The Roles of Personal Moral Philosophies and Moral Intensity" Hawaii International Conference on System Sciences, HICSS-39.

Hewitt, B. and Walz, D. , (2005). "Using Shared Leadership to Foster Knowledge Sharing in Information Systems Development Projects," Hawaii International Conference on System Sciences, HICSS-38.

b. Non-refereed:

4. Abstracts:

5. Reports:

6. Book Reviews:

7. Other Works in Print:

B. Works not in Print

1. Papers Presented at Professional Meetings:

2. Invited Talks, Lectures, and Presentations:

Hewitt, B. (2014) "Information Technology Careers, Game Development and Beyond" Invited Lecturer, Pre-Engineering Program (PREP)

Hewitt, B. (2013) "Information Technology Careers and Game Development" Invited Lecturer, Pre-Engineering Program (PREP)

Hewitt, B & Huson, M., (2013) "Augmenting Learning Through Competitions, Events, and Club Meetings Panel Discussion", 2013 Southwest Teaching and Learning Conference, April 2013.

Coleman, R., Voges, K., & Hewitt, B., (2011) "Communicating Through Technology: Making it Work in Today's Blended Classes," 2011 Southwest Teaching & Learning Conference, April 2011.

Hewitt, B. & Hurley, T. (2010) "Using Adoption Theories to Determine Factors Affecting Higher Education Students Perception of E-books," 2010 Southwest Teaching & Learning Conference proceedings, May 2010.

Hewitt, B., Elam, D, & Harun, S. (2010) "Use of Technology to Enhance Learning in Education, A Panel Discussion" 2010 Southwest Teaching & Learning Conference proceedings, May, 2010.

3. Consultancies:

4. Workshops:

Hewitt, B. and Rao, V. Srinivasan (2003) 'Feeling the Users' Pain: Analyst Empathy for Users and Information Systems Success' Second Annual JAIS Theory Development Workshop

5. Other Works not in Print:

- a. Works "submitted" or "under review"
- b. Works "in progress"

Hewitt and Huson, "Mechanisms to Increase Credit Card Security: Should the Government Regulate Retailers?"

Burdwell, R. & Hewitt, B. Do Project Management Systems Improve Projects"

McLeod, Harun, S. & Hewitt, B. Impact on Personnel and Challenges to Implementing ERP Systems

Hewitt, B.; McLeod: & Huson, M. Securing Passwords: What Factors Influence Good Password Practices

Hewitt, B.; & Huson, M. Identifying Factors that Influence Security of Electronic Health Records In Private Practices, Small Clinics, And Large Clinics"

- c. Other works not in print

C. Grants and Contracts

1. Funded External Grants and Contracts:

National Center for Women in Technology Aspirations Award Affiliate Seed Fund Application 2014, Award \$1,500 for the Aspirations Award Ceremony where we will recognize 20 female high school students who have shown significant interest in technology.

National Center for Women in Technology OUTREACH Award Affiliate Seed Fund Application 2014, Award \$300 for the OUTREACH Award Ceremony where we will

coordinate with 60 female university students who are enrolled in technology programs.

Women in Cybersecurity Conference Grant to attend Women in Cybersecurity Conference: Nashville, TN, 4/11 -12, 2014 & 2015 Amount \$950

National Center of Women and Information Technology (NCWIT) Grant to attend the NCWIT Summit (2014 & 2015) Amount \$1,500

Grant to attend Women's Institute in Summer Enrichment Program at Cornell June 16-20, 2014 and University of California at Berkeley June 15-1, 2015 Amount: \$3,000 each year.

2. Submitted, but not Funded, External Grants and Contracts:

Texas A&M University-San Antonio CyberCorp Outreach Program
(co-principal investigator)
Funded by National Science Foundation: Division Of Graduate Education
Date: Fall 2014 Amount: \$249,009 (pending)

Texas A&M University-San Antonio CyberCorp Outreach Program
(co-principal investigator)
Funded by National Science Foundation: Division Of Graduate Education
Date: Spring 2014 Amount: \$249,903

Texas A&M University-San Antonio Cyber Scholarships for Service
(principal investigator)
Funded by National Science Foundation: Division Of Graduate Education
Date: Spring 2014 Amount: \$1,199,614.

NSF 12-585 Scholarship for Service - Capacity Building - Building the infrastructure for Cyber-warrior education program
(co-principal investigator)
Funded by National Science Foundation: Division Of Computer and Network Systems
Date: Fall 2012 Amount: \$270,105

NSF 12-531 Scholarship for Service - Capacity Building - Building the infrastructure for Cyber-warrior education program
(co-principal investigator)
Funded by National Science Foundation: Division Of Computer and Network Systems
Date: Spring 2000 Amount: \$\$718,394

SBES: Medium: Study to Determine the Number of Cyber Security Professionals Needed in the United States
(co-principal investigator)
Funded by National Science Foundation: Division Of Computer and Network Systems
Date: Summer 2011 Amount: \$\$724,470

Planning Grant: Constructionism and Graphical Programming in Introductory High School Computer Science

(co-principal investigator)

Funded by National Science Foundation Division Of Computer and Network Systems Date:
Spring 2011 Amount: \$176,830

3. Funded Internal Grants and Contracts:

"Server Upgrade". Funded by: University Computer Advisory Committee
Grant Date: Spring 2000 Amount: \$7,300 Principle Investigator

"Master Patient Indexes in Healthcare: A Search for Best Practice Model for Single Site Hospitals
or Integrated Delivery Systems". (Co-PI)
Funded by: Faculty Research Enhancement Grant
Date: Spring 1999 Amount: \$8278.50

"Software Upgrade for College of Health Professions Computer Lab" Date: Funded by: University
Computer Advisory Committee, (Co-PI)
Date: Fall 1999 Amount: \$10,000

"Classroom Computer Laboratory Upgrade"
Funded by: College of Health Professions HEAF Funds
Date: Fall 1998, Amount: \$40,000, Principle Investigator

4. Submitted, but not Funded, Internal Grants and Contracts:

D. Fellowships, Awards, Honors:

Invited Guest, Luncheon, April 2013. The topic of the luncheon – "Commercial Cyber Security,
Understanding the Threat and Implementing Effective Security Measures".

Faculty Advisory Group, SAP TechED Conference, Las Vegas, NV, October 2012 & October 2013

Judge, Microsoft Imagine Cup US, April 2012

Invited Guest, National Center for Women in Information Technology conference in Washington DC,
February 2012

Texas A&M University-San Antonio Research Award (2011)

Texas A&M University-San Antonio Excellence in Research Award (2010)

SigHealth JAIS Theory Development Workshop (2009), AMCIS, San Francisco, CA

Doctoral Consortium (2005), Decision Sciences Institute, San Francisco, CA

OCIS Doctoral Consortium (2005), Academy of Management, Honolulu, HI

IS CORE Doctoral Student Workshop (2003), ICIS, Seattle, WA

IV. SERVICE

A. Institutional

1. University:

Southwest Regional CCDC Co-coordinator, white team coordinator (2013-present)
 Employee Search committee: CIS/CS Faculty positions (5), Business Librarian, Career Services
 Faculty Advisor to several security competitions (2009-present)
 Web Committee (2012-2014)
 Co-Faculty Mentor to Collegiate Cyber Defense Competition (CCDC) team (2009-2012)
 Faculty Mentor to the Mitre CTF Team
 Faculty Mentor to the SDEG Imagine Cup team who made one of 5 slots in the 2nd round of the US
 Imagine Cup for Fall 2010 Microsoft Imagine Cup going to National Finals @ Microsoft in
 Redmond, WA in April 2011
 Co-Faculty Mentor to the Texas A&M Panoply Team who placed 2nd at the 1st annual
 Panoply (2010-2012)
 TAMU-SA Web Committee (2010-2014)
 Chamber of Commerce Information Technology Committee (2008-present)
 San Antonio College Information Systems Advisory Board (2008-2011)
 University Distance Education Committee (2008-9)
 Diversity Training Facilitator, Texas State University (2002-3)
 SACS Accreditation, Student Information Team (1998)

2. College:

Student Advising (2008-present)
 Recruiting at San Antonio College (2008-present)
 School of Business CIS Advisory council (2009-present)
 School of Business Advisory Council (2009-2010)
 College of Business Academic Curriculum Committee (2009-2013)
 College of Health Professions Computer Advisory Committee
 (1999-2002)
 College of Health Professions, Student Information Committee
 (2001-2)
 Web Master (2001-2)

3. Department/School:

B. Professional:

Chair, San Antonio Women in Information Technology Committee

- CyberCamp (2014) Workshop for female high school students to prepare them for CyberPatriot competition
- San Antonio Area Aspirations Award Ceremony, (2014-2015) Rackspace cosponsor
- San Antonio Women in Technology Workshop coordinator (2015) Valero cosponsor
- San Antonio Youth Code Jam, conducted workshops with 6 to 11 year olds using Google Goggles (2012-2014)
- San Antonio Hispanic Chamber of Commerce CORE 4 STEM event workshop October 2012
- Co-coordinator, FIRST Robotics Mentor Luncheon, 2013, 2014
- 7th Annual Girls Inc. RockIt Into the Future Science Festival at Rackspace
- Game Design workshop at the Middle School Career Day at Region 20
- Carl Schutz Elementary School, 3rd grade IT Day
- Game Development Workshops for the Pre-freshman Engineering Program (PREP) at the Texas A&M University-San Antonio campus, 2013, 2014

- National Coalition of Women in Information & Technology Aspirations Affiliate Coordinator, Fall 2013 - present
- Regional Information Systems Security Association Women in Security Special Interest Regional Group Chair (2014-present)
- Co-chair, Outreach (Education and Career) & Conferences Subcommittees Information Systems Security Association Women in Security Special Interest Group (2014)
- Co-track chair, Security in Healthcare Minitrack, *Americas Conference on Information Systems*(AMCIS) 2012-2014
- Guest Co-editor, Journal of Information Systems Education, Special Edition: Global Information Security and Assurance in IS Education, 2013
- White team member, National Collegiate Cyber Defense Competition, April 2013
- Judge, Association of Information Technology Professionals, National Collegiate Conference, Security competition, March 2012.
- Judge, Imagine Cup, Microsoft National Competition, April 2012.
- Guest Editor, Journal of Information Systems Education, Special Edition: Global Information Security and Assurance in IS Education
- Mentor 3 Cyber Patriot Teams (2011, 2012)
- Session Chair, Southwest Decision Support Institute, 2012, 2013,
- Track Chair, Economics, Healthcare, Quality, Southwest Decision Science, 2012-2015
- Editorial Team, Journal of Information Privacy and Security
- Editor, Health, Quality and Economics, Southwest Decision Sciences Institute (2011-present)
- Reviewer for Journal of Strategic Information Systems (1 article)
- Reviewer for Journal of Information Privacy and Security (1 article)
- Reviewer for Americas Conference on Information Systems (8 articles)
- Reviewer for Southwest Decision Sciences Institute (15 articles)
- Reviewer for International Conference of Information Systems (8 article)
- Reviewer for the Hawaii International Conference on System Sciences (10 articles)
- Reviewer for IS Core Workshop, ICIS (2 articles)
- Book reviewer (5 chapters)

C. Community:

Mentor 2 Cyber Patriot V Teams
 Mentor for 2 Cyber Patriot IV teams
 San Antonio Collegiate Institutional Research Consortium
 Community of Interest, San Antonio Cyber City Initiative

D. Service Honors and Awards:

Texas A&M University-San Antonio Service Award (2014)
 Texas A&M University-San Antonio Excellence in Service Award (2011)

E. Service Grants and Contracts

1. Funded External Service Grants and Contracts:
2. Submitted, but not Funded, External Service Grants and Contracts:
3. Funded Internal Service Grants and Contracts:
4. Submitted, but not Funded, Internal Service Grants and Contracts:

Updated 1/15