

OMAH M. WILLIAMS - DUNCAN
CURRICULUM VITAE

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EDUCATION

TEXAS A&M UNIVERSITY, College Station, TX

Ph.D. Multicultural Education with an Emphasis in Science Education May 2015

Research Interests: Teacher Preparation, STEM Education, and Science Achievement Gap

Chair: Dr. Hersh Waxman and **Co-Chair:** Dr. Tim P. Scott

Science Education Specialist Certification: Information Technology in Science July 2004

UNIVERSITY OF HOUSTON, Houston, TX

M.Ed. Curriculum and Instruction, Secondary Education December 2001

Texas Educator Certification: Chemistry (Grades 6 – 12) Valid since November 2000

Texas Educator Certification: Mathematics (Grades 6 – 12) Valid since November 2000

Texas Educator Certification: Principal (Grades EC – 12) Valid since February 2004

SPELMAN COLLEGE, Atlanta, GA

B.S. (Cum Laude) Chemistry Major, Mathematics Minor May 1997

HIGHER EDUCATION EXPERIENCE

UNIVERSITY OF HOUSTON – CLEAR LAKE CAMPUS, Houston, TX

Assistant Professor: School of Education September 2015 – Present

- Plan and implement classroom experiences exploring grades 3 – 6 Science and 4 – 8 Instruction
- Implement a hybrid (online and face to face) course format
- Engage in virtual and in-person office hours with students
- Implement best and research-based instructional practices for EC-6 Science Instruction
- Implement best and research-based instructional practices for classroom management
- Observe and provide feedback about pre-service teacher classroom teaching sessions
- Design and implement STEM and K-12 Science research projects
- Plan and facilitate career panel for masters and doctoral level students to inspire completion and attainment of professional goals
- Participate in and present at local, national, and international conferences
- Facilitate graduate level instruction about current STEM research and practices

LONE STAR COLLEGE – GREENSPPOINT (OR PARKWAY) CAMPUS, Houston, TX

Instructor: Department of Psychology September 2012 – December 2012

HUMD 0330: College Success Course (aka. Best Start Success)

- Planned and implemented classroom experiences exploring college and career success
- Administered Noel/Levitz Career Inventory
- Planned and facilitated career panel for students to inspire completion and attainment of goals
- Implemented technology via Angel Learning Management System to create a hybrid course

TEXAS A&M UNIVERSITY, College Station, TX

Guest Lecturer: Department of Teaching Learning and Culture March 2012

EDCI 644: Curriculum Development

- Facilitated discussion and hands-on activity about curricula, standards, and objectives
- Integrated use College and Career Readiness Standards and Texas Essential Knowledge and Skills to demonstrate proper use during lesson planning and curriculum development

- Instructor:** Department of Science January 2011 – May 2011
TEFB 201/ SCEN 289: Introduction to Secondary Science and Mathematics Teaching
- Facilitated pairing of students with cooperating teachers
 - Planned and implemented classroom experiences exploring the Science and Mathematics teaching profession
 - Implemented technology via Skype and on-line learning platforms to create a hybrid course
- Guest Lecturer:** Department of Science September 2010 – November 2010
SCEN 289: Introduction to Secondary Science and Mathematics Teaching
- Planned and implemented five classroom experiences exploring diversity and culture in the teaching profession
 - Integrated use of Skype, Google.docs and Blogger to facilitate class experiences related to diversity
- Research Graduate Assistant:** State of Texas Education Research Center September 2011 – August 2012
- Assist with quantitative and qualitative data collection on various state and federally funded projects
 - Assist with development and editing of program evaluation reports
- Research Graduate Assistant:** Center for Math and Science Education April 2009 – August 2012
aggieSTEM Science Teacher Preparation Academy Evaluator May 2012 – August 2012
- Adapt and implement a survey for participants
 - Obtain Internal Review Board for Human Subjects approval for evaluation
 - Contribute results and findings to grant reports
 - Disseminate findings/results
- Robert Noyce Scholar Program Evaluator** May 2011 – August 2012
- Adapt and implement a survey for current and former Noyce Scholars
 - Obtain Internal Review Board for Human Subjects approval for evaluation
 - Collect and analyze survey results
 - Presented findings at regional conference
- Center for the Integration of Research, Teaching and Learning (CIRTL) Project** April 2009 – May 2011
- Literature review of the effects of biology or life science faculty instructional practices on the potential instructional practice of declared and un-declared pre-service Science teachers
 - Investigation of introductory course STEM faculty and how their instructional practices may or may not promote Science teaching as a potential career
- Research Intern:** State of Texas Education Research Center September 2010 – August 2011
- Assist with quantitative and qualitative data collection on various state and federally funded projects
 - Assist with development and editing of program evaluation reports
- Guest Lecturer:** Department of Science September 2010 – November 2010
SCEN 289: Introduction to Secondary Science and Mathematics Teaching
- Planned and implemented five classroom experiences exploring diversity and culture in the teaching profession
 - Integrated use of Skype, Google.docs and Blogger to facilitate class experiences related to diversity

HOUSTON ADVANCED RESEARCH CENTER, Woodlands, TX

Research Intern: Communication in Science, Technology, Engineering, and Math (C-STEM) Program

June 2010 – August 2010

- Constructed program evaluation plans for C-STEM Program
- Developed evaluation instruments
- Stored and managed C-STEM data

RESEARCH

PUBLICATIONS

- Williams – Duncan, O. M. (in press). Cross-cultural community building: Strategies for improving interactions in diverse educational settings. *Multicultural Education Magazine*.
- McDonald, D., Auzenne-Curl, C., Divoll, K., Kiekel, J., Newsum, J., & Williams – Duncan, O. M. (in press). Involvement in a professional community yields unexpected skills: Faculty academy members' stories of leadership and learning. In C. J. Craig, L. B. Turchi, and D. McDonald, (Eds.), *Cross-disciplinary, cross-institutional collaboration in teacher education: Cases of learning while leading*. (in press). Palgrave Macmillan.
- Watson, S., Williams-Duncan, O. M., & Peters, M. L. (2020). School administrators' awareness of parental STEM knowledge, strategies to promote STEM knowledge, and student STEM Preparation. *Research in Science and Technological Education*. Advance online publication.
<https://doi.org/10.1080/02635143.2020.1774747>
- Williams – Duncan, O. M. & Raven, S. (2020). Robots and reading: Trade books and circuit activities enhance science literacy and energy education. *Science and Children*, 57(6), 36-41.
<https://www.nsta.org/science-and-children/science-and-children-february-2020/robots-and-reading>
- Williams – Duncan, O. M. (2019, July). Telling stories: The power of relationship building. Kappa Delta Pi Record.
- Williams – Duncan, O. (2018, February 22). Untitled. [Review of the book *Teaching Science Online: Practical Guidance for Effective Instruction and Lab Work*, edited by Dietmar K. Kennepohl]. *Teachers College Record*. Retrieved from <http://www.tcrecord.org/Content.asp?ContentId=22282>
- Williams – Duncan, O. M. (2018, January). Dr. Omah M. Williams-Duncan. In Goodson, P. (Ed.), *POWER: Tenth Anniversary* [A tome of work from POWER consultants/volunteers]. Texas A&M University, College Station, TX.
- Scott, T. P., Schroeder, C., Tolson, H., Huang, T., & Williams, O. M. (2014). A Longitudinal Study of 5th Grade Science Curriculum Based on the 5E Model. *Science Educator*, 23(1), 49-55.
- Hill-Jackson, V. & Williams, O. M. (2013). Cross-Race Mentoring in Teacher Education: Black Teacher Educators Supporting White Pre-Service Teachers. In S. Grineski, J. Landsman, & R. Simmons (Eds.), *Talking about race: Alleviating the fear* (pp. 241-252). Sterling, VA: Stylus Publishers.
- Arcak, C., Munoz, M., Thompson, R., Williams, O., Brown, I., & Corlu, S. (2009). *Water camp 2010: El Paso, TX*. College Station, TX: Texas A&M University.
- Heilman, G., Williams, O., McClane, A., Ingle, M., Cunha, N., Olson, S., Linscomb, D., Behling, D., & Williams, D. (2006). *Reading to learn in Science grades 3 – 5*. Houston, TX: Region 4 Education Service Center.
- Linscomb, D., Williams, O., & McClane, A. (2006). *Warm up to Science TEKS-based engagement activities for grade 8*. Houston, TX: Region 4 Education Service Center.

CONFERENCE PRESENTATIONS

INTERNATIONAL RESEARCH CONFERENCES

- Williams, O. M., Waxman, H., Brown, B. B., Rollins, K., & Alford, B. (2013, April). *Examining a teacher preparation program participants' perceptions and confidence levels in standards-based knowledge types*. Poster presented at the international meeting of the National Association for Research in Science Teaching, San Juan, Puerto Rico.
- Scott, T., Schroeder, C., Tolson, H., Huang, T. & Williams, O. M. (2013, April). An impact analysis of a 5th grade science curriculum based on the 5E model. Paper presented at the international meeting of the National Association for Research in Science Teaching, San Juan, Puerto Rico.

- Hill-Jackson, V., **Williams, O. M.**, & James, M. (2012, April). *Black teacher educators and White pre-service teachers: Four lessons for effective cross-race mentoring*. Paper presented at the international meeting of the American Educational Research Association, Vancouver, British Columbia, Canada.
- Williams, O. M. (2010, July). *A thematic analysis of media influences by the Trends in International Mathematics and Science Study (TIMSS) on perceptions of Black South African and African American students*. Poster presented at the meeting of the 1st International Conference/Symposium on Research in Urban Education: Best Practices for Global Learners, South Africa, Zambia and Botswana.

NATIONAL RESEARCH CONFERENCES

- Williams, O. M. & Scott, T. P. (2011, April). *Naturalistic inquiry of introductory Biology faculty instructional practices*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, Orlando, FL.
- Brown, I., Huang, R., & **Williams, O. M.** (2010, April). *School recruitment strategies, teacher's job satisfaction, and career status of Texas high school Science teachers*. Poster presented at the annual meeting of the American Educational Research Association, Denver, CO.

STATE/REGIONAL RESEARCH CONFERENCES

- Williams - Duncan, O. M. (2016, February). *Measuring impact of an early career engineers' presentation on high school students' dispositions about engineering* [Conference Session]. Paper presented at the annual Southwest Educational Research Association, New Orleans, LA.
- Bentley, K. M. & **Williams, O. M.** (2012, April). *Evaluating the relationship between teacher retention and disparities in STEM education* [Conference Session]. Presentation conducted at Prairie View A&M University's 2nd Annual Health Disparities Research Symposium, Prairie View, TX.
- Williams, O. M. & Bentley, K. M. (2012, February). *Evaluation of the Robert Noyce Scholars Program: Students' perceived intent to teach beyond scholarship requirements* [Conference Session]. Paper presented at the annual Southwest Educational Research Association, New Orleans, LA.
- Williams, O. M. & Scott, T. P. (2011, February). *Evaluation of a symposium for promotion of Biology College and Career Readiness Standards* [Conference Session]. Paper presented at the annual Southwest Educational Research Association Conference, San Antonio, TX.

NATIONAL PRACTITIONER CONFERENCES

- Watson, S. K., **Williams - Duncan, O. M.** & Peters, M. L. (2020, July 27-30). *School Administrators' Awareness of Parental STEM Knowledge, Strategies to Promote STEM Knowledge, and Student STEM Preparation* [Conference Session]. Paper presented at the National Science Teachers Association STEM20: Virtual Conference, <https://www.nsta.org/stem20-virtual-event>
- Williams - Duncan, O. M. (2019, April). *Science is Everywhere! Using an NGSS-Focused Questioning Framework to Identify Science Concepts within Fictional Texts* [Conference Session]. Workshop and paper presented at the National Science Teachers Association Conference, Atlanta, GA.
- Williams - Duncan, O. M. (2018, March). *Linking Fictional Stories to 5E Lessons* [Conference Session]. Workshop presented during the National Middle Level Science Teacher Association's Share-a-thon event during the annual National Science Teachers Association Conference, Atlanta, GA.
- Swaroop, K., **Williams - Duncan, O. M.**, & Fang, J. (2015, October). *Engineer your Engineering Workshop* [Conference Session]. Workshop presented at the annual meeting of the Society of Women Engineers, Nashville, TN.
- Williams, O. M. (2004, April). *Phases of the moon* [Conference Session]. Workshop presented at the annual National Science Teachers Association Conference, Atlanta, GA.
- Williams, O. M. (2002, March). *Express eco-regions* [Conference Session]. Workshop presented at the annual National Science Teachers Association Conference, San Diego, CA.

Williams, O. M. (2001, March). *Earth Science share-a-thon* [Conference Session]. Workshop presented at the annual National Science Teachers Association Conference, St. Louis, MO.

STATE/REGIONAL PRACTITIONER CONFERENCES

Williams - Duncan, O. M. (2019, November). *Coffee Can Science for Fact First Questioning* [Conference Session]. Workshop presented at the annual Conference for the Advancement of Science Teaching, Dallas, TX.

Williams - Duncan, O. M., Ortiz, L., & Mears, T. (2018, November). *Implementing Robots in the Elementary Classroom*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Fort Worth, TX.

Williams - Duncan, O. M. (2018, November). *STEM Camp: New Perspectives on Training for the First Days of School*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Fort Worth, TX.

Williams - Duncan, O. M., Martinez, N., & Arteaga, B. (2018, November). *STEM Camp: Experiential Professional Development for New Teachers and Aspiring Administrators*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Fort Worth, TX.

Williams - Duncan, O. M., Arteaga, B., Garza, C., Perales, D., & Valdez, A. K. (2018, March). *Spring Board into STEM with Fictional Texts*. Workshop presented at the annual University of Houston Clear Lake Greater Houston Area STEM Conference, Houston, TX.

Williams - Duncan, O. M. (2017, November). *Preparation Resources for the Core Subjects EC – 6 TExES Certification Exam for Science*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Houston, TX.

Williams - Duncan, O. M., Graf, J. C., Harris, D. B., Lowry, A. M., & Molen, A. (2017, January). *Applying STEM Instructional Models within a NAIC PBL called Thirsty Walls*. Presentation at the annual Texas STEM Conference, Dallas, TX.

Williams - Duncan, O. M. (2016, January). *Facilitating PBL implementation on newly designated T-STEM campuses*. Presentation at the annual Texas STEM Conference, San Antonio, TX.

Waxman, H., Stillisano, J., Padron, Y., Brown, D., **Williams, O. M.**, Witt Boriack, A., & Evans, R. (2012, March). *Effective school and classroom practices in Texas urban middle schools*. Presentation at the annual Texas Middle School Association Conference, Galveston, TX.

Williams, O. M. & Charlton, L. (2011, November). *Operation: Terminal velocity*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Dallas, TX.

Williams, O. M. (2010, October). *Tectonic fury! Engaging earth science that is interactive*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Houston, TX.

Williams, O. M. (2009, November). *Closing the digital generation gap between teachers and students*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Galveston, TX.

Hernandez, K. & **Williams, O. M.** (2007, October). *Engaging games*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Austin, TX.

Williams, O. M. & Linscomb, D. (2006, October). *Mechanical and chemical weathering in 90 minutes or less*. Workshop presented at the annual Conference for the Advancement of Science Teaching, Wichita Falls, TX.

GRANTS AND AWARDS

GRANTS

UNIVERSITY OF HOUSTON – CLEAR LAKE Faculty Research Support Fund (\$4190)	October 2016
TEXAS A&M UNIVERSITY AT CORPUS CHRISTI Advancement of the College and Career Readiness Standards in Teacher Preparation Programs Proposal (\$10,796)	March 2010
TEXAS REGIONAL COLLABORATIVES OF THE UNIVERSITY OF TEXAS, Austin, TX Region 4 Education Service Center Science Collaborative Proposal (\$200,000)	May 2009
Region 4 Education Service Center Science Collaborative Proposal (\$150,000)	May 2008
Region 4 Education Service Center Science Collaborative Proposal (\$132,982)	May 2007
Region 4 Education Service Center Science Collaborative Proposal (\$75,000)	August 2005
AWARDS	
TEXAS A&M UNIVERSITY, College Station, TX Educational Research Center Travel Award (\$1000)	January 2012
Educational Research Center Travel Award (\$500)	February 2011
Office of Graduate Studies Travel Award (\$400)	March 2010, 2011
Teaching Learning and Culture Travel Award (\$500)	March 2010, February 2011
WINDSOR VILLAGE UNITED METHODIST CHURCH, Houston, TX Academic Scholarship (\$1,000)	April 2010

K – 12 SCHOOL EXPERIENCE

KIPP HOUSTON PUBLIC SCHOOLS, Houston, TX Director of STEM Programs: Academic Team	Aug. 2012 – Aug. 2015
<ul style="list-style-type: none"> Oversee and document the entire KIPP STEM regional program for KIPP Houston Public Schools Meet regularly with peers, direct reports and supervisors Maintain and grow alliances with STEM partners Support professional development for STEM leaders and faculty Create and review the STEM program budget 	
REGION 4 EDUCATION SERVICE CENTER, Houston, TX Project Director: Region 4 Science Collaborative	Aug. 2005 – May 2009
<ul style="list-style-type: none"> Developed, implemented, coordinated and scheduled Elementary and Middle School Science Professional Development across multiple districts Managed project funds and equipment Managed professional development facilitators Fostered cross-district and grade level teacher networks and collaboration opportunities 	
Science Education Specialist: Elementary and Middle Schools	May 2005 – Mar. 2009
<ul style="list-style-type: none"> Developed, implemented, coordinated and scheduled customized professional development for multiple districts and school campuses Co-authored and co-edited classroom texts for upper elementary and middle school science students Integrated Internet, Google Earth, and field-based equipment into teacher professional development Promoted implementation of Region 4 ESC Products and Services 	
HOUSTON INDEPENDENT SCHOOL DISTRICT, Houston, TX Science Instructional Coordinator: East District Office	Sept. 2003 – May 2005
<ul style="list-style-type: none"> Supervised new and experienced science teachers Developed, implemented, and scheduled district science family night 	

- Supervised new and experienced science teachers
- Mentored new teachers and fostered use of district curriculum
- Developed, implemented, and scheduled science professional development

Elementary Science Model Lesson Writer: Teachers' Tools Department July 2002 – Sept. 2003

- Developed grade 5 science lessons aligned with district curricula
- Aligned developed lessons with National Science Education Standards
- Trained elementary science teachers

Magnet Program Cluster Leader: Hartman Middle School Aug. 2001 – Jul. 2002

- Managed science, math, social studies and English language arts teachers
- Fostered cross subject area collaboration
- Managed departmental meetings and budget

Grade 8 Science Teacher: Hartman Middle School Aug. 2001 – Aug. 2002

- Organized, presented, and assessed 8th grade science and Integrated Physics and Chemistry lessons
- Differentiated instruction according to student needs and abilities (in compliance with individual education plans)
- Aligned lessons with district, state, and National Science Education Standards
- Facilitated inquiry based lessons via demonstrations and hands-on activities
- Fostered a caring classroom climate

Grade 6 Science Teacher: Rice Model Science Lab Aug. 2000 – Aug. 2001

- Organized, presented, and assessed 6th grade science lessons
- Differentiated instruction according to student needs and abilities (in compliance with Individual Education Plans)
- Aligned lessons with district, state, and National Science Education Standards
- Facilitated inquiry based lessons via demonstrations and hands-on activities

Grade 7 & 8 Science Teacher: Hartman Middle School Aug. 1998 – Aug. 2000

- Organized, presented, and assessed 7th and 8th grade science and Integrated Physics and Chemistry lessons
- Differentiated instruction according to student needs and abilities (in compliance with individual education plans)
- Aligned lessons with district, state, and National Science Education Standards

SCHOLARLY AND PROFESSIONAL SERVICE/ACTIVITIES

UNIVERSITY OF HOUSTON – CLEAR LAKE, Houston, TX

COE Elections Coordinator for Faculty Senate: Facilitate FS election for the College of Education September 2020 - Present

COE Teacher Education in Science Methods Program Coordinator: Complete schedules and facilitate course content August 2020 - Present

Edd in C&I (EDCI) in STEM Curriculum Program Committee Member: Curriculum review and advising with course instruction September 2015 – Present

COE STEM Initiative Committee Member: UHCL COE STEM Event and Programmatic Advisor September 2015 – May 2017

COE Department of Curriculum and Instruction Committee Member: Advise, curriculum review and event facilitator	September 2015 – Present
COE Teacher Education (TCED) Program Committee Member: Advise, curriculum review and advising with course instruction	September 2015 – Present
COE Teacher Education in Science (EC-6) Program Committee Member: Advise, curriculum review and advising with course instruction	September 2015 – Present
EDCI in C&I with a STEM Emphasis Doctoral Examination (Doctoral Subcommittee) Co-Chair: Advise and proctor exams	November 2015 - Present
Academic Honesty Committee Member: Advisor to UHCL Student Academic Honesty meetings	October 2015 - Present
Nomination & Elections (N&E) Committee Member: Administer and count ballots for various elected positions for COE and Faculty Senate positions	October 2016 – Sept. 2020
N&E Committee Chair: Facilitate meetings, communicate with committee to form ballot	December 2019 – Sept. 2020
Student Affairs Committee Member: Advisor to UHCL Student Affairs	October 2017 - Present
UHCL Student Chapter of Texas Council for Elementary Science (TCES) Faculty Advisor: Founder and Advisor to New UHCL Student Organization	December 2017 – Present
UHCL Provost Search Committee Member: Represent COE, C&I, and TCED, provide advice	January 2018 – May 2018
UHCL Common Reader Program Committee Member: Provide advice, facilitate events, help select text	August 2018 – August 2019
COE Academic Review Council (ARC) Council Member: Represent TCED, provide advice, facilitate events	August 2019 – Present
COE Teacher Education Advisory Committee (TEAC) Committee Member: Represent TCED, provide advice, facilitate events	August 2019 – Present
UHCL Strategic Planning Objective Owners Sub-Committee Member: Represent COE and TCED, provide advice	August 2019 – Present
ASSOCIATION FOR MULTICULTURAL SCIENCE EDUCATION, Houston, TX Board Member: Assist with editing the NSTA Multicultural Science Education Position Statement and facilitating the Alice J. Moses breakfast	April 2019 – Present
KIPP HOUSTON PUBLIC SCHOOLS, Houston, TX Advisory Board Member: KIPP Houston Public Schools STEM Programs	September 2016 – May 2017
NATIONAL SCIENCE TEACHERS ASSOCIATION, Arlington, VA Journal Article (Manuscript) Reviewer: Science Scope	April 2016 – Present

	June 2020 – Present
Preservice Teacher Preparation Committee Member: Assist with revision of preservice science teacher standards and development of student chapters	
Virtual Panel Participant: Answered questions and interacted with audience on topic, <i>Engineering Education</i>	March 12, 2020
TEXAS COUNCIL OF ELEMENTARY SCIENCE, Highland Village, TX	
Volunteer: Generated student chapter protocols/forms	December 2017 March 2018 – Present August 2020 - Present
Co-Chair: Pre-service Teacher Outreach Committee	
Regional VP Houston: Generate professional development proposals from the Houston area	
AMERICAN EDUCATIONAL RESEARCH ASSOCIATION	
Proposal Reviewer: Division K - Teaching and Teacher Education/Section 3: Teachers' and Teacher Educators' Lives: Lived Experiences, Identities, Socialization and Development (Notified May 2016)	August 2016, 2017, 2018
Proposal Reviewer: Division K - Teaching and Teacher Education/Section 5: Pre-service Teacher Education Coursework: Curriculum and Teaching to Improve Teacher Knowledge, Understanding and Pedagogical Practices (Notified May 2016)	August 2016, 2017, 2018
Proposal Reviewer: Division K – Teaching and Teacher Education/Section 5: Pre-service Teacher Education Coursework: Curriculum and Teaching to Improve Teacher Knowledge, Understanding and Pedagogical Practices (Notified May 2016)	August 2016, 2017
Proposal Reviewer: Division K - Teaching and Teacher Education/Section 9: Teacher Education Program Design and Innovations (Notified May 2016)	August 2016, 2017, 2018
Proposal Reviewer: Division G - Social Context of Education/Section 2: Studies of diversity and variation with social contexts of education (Notified May 2016)	August 2016
Proposal Reviewer: Division G - Social Context of Education/Section 2: Education in Multicultural Contexts Within and Across Subject Areas (Notified May 2012)	August 2012
Session Chair: Cross-Race Mentoring and Teacher Education; Paper Session	April 2012
NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING	
Proposal Reviewer: Strand 7 Pre-service Teacher Education	September 2012
Proposal Reviewer: Strand 7 Pre-service Teacher Education	November 2010
SOUTHWEST EDUCATIONAL RESEARCH ASSOCIATION	
Proposal Reviewer: Division IV Teachers & Teacher Education	October 2015
Proposal Reviewer: Division III Methodology, Measurement, & Evaluation	October 2015
Proposal Reviewer: Division VI Graduate Student Seminars for Work in Progress	October 2011
Proposal Reviewer: Division VI Graduate Student Seminars for Work in Progress	October 2010

THE PROJECT 20-20, Houston, TX

Workshop Presenter: The Project 20-20 Youth Seminar Series July 2013
(Presentation title: *Cultivating your 21st Century Skills in STEM*)

Workshop Presenter: The Project 20-20 Youth Seminar Series July 2012
(Presentation title: *Making Math Easy*)

TEXAS A&M UNIVERSITY, College Station, TX

Workshop Presenter: TAMU Collaborative Summer Institute June 2012
(Presentation title: *How Many are There: A Closer Look at a CCRS Developed Lesson*)

Marketing and Communications Chair: Graduate Student Council May 2012 – August 2012

Teacher Scholarship Review Committee Member: Robert R. Noyce January 2012
Scholarship for Science and Mathematics Pre-service Teachers

Workshop Presenter: Texas State Teacher’s Association – November 2011
Student Program (TSTA-SP) District Convention (Presentation title: *Using Technology in the STEM Classroom*)

Workshop Presenter: TAMU Collaborative Summer Institute June 2011
(Presentation title: *How many are there?*)

Aggie Ally: Allies Committee February 2011 - Present

Session Facilitator: Cultivating Hispanics and African Americans’ September 2011
Reading, Mathematics and Science (CHARMS) Conference

Teacher Scholarship Review Committee Member: Robert R. Noyce December 2010
Scholarship for Science and Mathematics Pre-service Teachers

Professional Development Chair: Teaching Learning and Culture June 2010 – August 2011
(TLAC) Graduate Student Association

Panel Participant: Life as a Graduate Student June 15, 2010

Secretary: TLAC Graduate Student Association September 2009 – June 2010

Camp Counselor: Graduate Student Camp June 2009 – August 2009

UNIVERSITY OF HOUSTON – DOWNTOWN, Houston, TX

Advisory Board Member: UHD Scholars Academy Advisory Council September 2014 – May 2015
Invitation

Executive Advisory Board Member: Center for Professional September 2008 – May 2013
Development General Advisory Board

WINDSOR VILLAGE UNITED METHODIST CHURCH, Houston, Texas

Panel Participant: How to Sharpen Your “A” Game: A Career July 10, 2010
Development Session

TEXAS REGIONAL COLLABORATIVES OF THE UNIVERSITY OF TEXAS, Austin, TX

Executive Advisory Board Member March 2005 – July 2011
Technology Implementation Advisory Board Member January 2008 – March 2009

REGION 4 EDUCATION SERVICE CENTER, Houston, TX Region 4 Spirit Speaker: Quarterly Staff Meeting	September 2008
METROPOLITAN ASSOCIATION FOR TEACHERS OF SCIENCE, Houston, TX Vice President	August 2005 – August 2006
TEXAS EDUCATION AGENCY, Austin, TX Item Review Committee Member: Elementary Science Texas Assessment of Knowledge and Skills (TAKS)	July 2005
Study Guide Review Committee Member: Middle School Science Texas Assessment of Knowledge and Skills (TAKS)	September 2005
CONFERENCE FOR THE ADVANCEMENT OF SCIENCE TEACHING, Houston, TX Committee Member: Professional Development Selection Committee	May 2003 – August 2003
NATIONAL ALUMNAE ASSOCIATION OF SPELMAN COLLEGE, Houston, TX Houston Chapter President Houston Chapter Vice President	May 2005 – May 2007 May 2003 - May 2005
AWARDS	
CENTER FOR TEACHING EXCELLENCE & OFFICE OF GRADUATE STUDIES Graduate Teaching Academy Fellow	April 2010
UNIVERSITY OF HOUSTON, Houston, TX Pride of Education Newsletter Feature Story & Honoree	Spring 2010
ENGINEERING SCIENCE AND TECHNOLOGY COUNCIL OF HOUSTON Award of Excellence in Education	May 2008
MEMBERSHIPS	
American Educational Research Association	SINCE December 2009
Association for Supervision and Curriculum Development	February 2004 – May 2000
National Science Teachers Association	January 2001
Kappa Delta Pi – Educational Honor Society	January 2000 – May 2010

REFERENCES

Committee	Email (as of January 2015)	Telephone (as of January 2015)
Chair: Dr. Hersh C. Waxman	Hwaxman@tamu.edu	979-862-1724
Co-Chair: Dr. Timothy P. Scott	tim@science.tamu.edu	979-845-7362
Dr. Cathleen Loving	cloving@tamu.edu	979-845-1324
Dr. Chance Lewis	Chance.lewis@uncc.edu	704-743-4207
Dr. Valerie Hill-Jackson	vhjackson@cehd.tamu.edu	979-845-8384
KIPP Houston Public Schools		
Tai Ingram	tingram@kipphouston.org	832-230-0565
Eric Colman	ecoleman@kipphouston.org	713-878-4685
Elizabeth Bidwell	ebidwell@kipphouston.org	607-743-3411