

**Gisele Ragusa, Ph.D.**  
University of Southern California  
Viterbi School of Engineering  
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## PRESENT POSITION

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**Professor of Engineering Education**  
**University of Southern California**  
**Viterbi School of Engineering**  
**Division of Engineering Education**  
1042 Downey Way  
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## EDUCATION

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**Doctor Of Philosophy** (Educational Psychology-Literacy, Language, and Learning emphasis) - *University of Southern California*. 2002.  
**Master of Science, Education** *University of Southern California*. 1992  
**Teaching Credentials and Certifications**, *University of Southern California and California State University, Los Angeles*, 1981-1984  
**Bachelor of Science** (General Studies, Education, Biology minor) - *University of Southern California*. 1982  
**Bachelor of Science** (Business Administration) - *University of Southern California*. 1982.

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## PROFESSIONAL HISTORY

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2014-Present

**Professor of Engineering Education**  
**Chair, USC STEM Education Consortium**  
*Viterbi School of Engineering, Division of Engineering Education, University of Southern California.*

2012-2014

**Associate Professor of Engineering Education**  
**Director, Education and Outreach, Center for Energy Nanoscience**  
**Associate Director, Education, CREATE Center for Homeland Security Research**  
**Associate Director, Educational Assessment, Biomimetic MicroElectronic Systems, Engineering Research Center**  
*Viterbi School of Engineering, Division of Engineering Education, University of Southern California.*

2007-2012

**Associate Professor of Research in Education and Engineering**  
**Director, Center for Outcomes Research and Evaluation**  
**Director, Education and Outreach, Center for Energy Nanoscience**  
**Associate Director, Education, CREATE Center for Homeland Security Research**  
**Associate Director, Educational Assessment, Biomimetic MicroElectronic Systems, Engineering Research Center**

*Rossier School of Education, Viterbi School of Engineering, Division of Engineering Education, University of Southern California.*

2006-2007

**Assistant Professor of Clinical Education, Director of Teacher Education, Chair, Division of Educational Psychology, Chair, Faculty Council, Rossier School of Education, University of Southern California.**

2004-2006

**Assistant Professor of Clinical Education, Program Director- MS.Ed. Reading and Writing, Rossier School of Education, University of Southern California.**

2002-2004

**Assistant Professor of Clinical Education, Program Director- MS Ed. Deaf and Hard of Hearing, Rossier School of Education, University of Southern California**

1998-2002

**Assistant Professor-** Departments of Elementary and Special Education- *California State University, Northridge*

1996-1998

**Assistant Professor-** Department of Teacher Education- Director, Cross Cultural Language Academic Development (CLAD), Bilingual Cross-cultural Language Academic Development (BCLAD) Program *Pacific Oaks College*

1993-1996

**Regional Director-** Los Angeles County-wide Early Intervention Project, US Department of Education, Planning Program for Implementation of the Early Intervention Services Act.

1981- 1993

**Teacher-** General and Special Education (*various grades/positions: early childhood through middle school across employment years*), **Resource Specialist, Acting Director, Pupil Services-** Los Angeles, Azusa, and Mountain View School Districts

## **PUBLICATIONS**

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### **Peer Reviewed Journals:**

Regalado, M., Schneiderman, J.U., Duan, L., & Ragusa, G. (2018) A Parent-Child Relational Framework for Teaching Child Development Assessment to Pediatric Residents: Description and Preliminary Validation in a Sample of Preterm Infants. *Academic Pediatrics*.

Bell, B.M., Martinez, L., Gotsis, M., Lane, H.C., Davis, J.N., Antunez-Castillo, L., Ragusa, G. and Spruijt-Metz, D. (2018). Virtual Sprouts: A Virtual Gardening Pilot Intervention Increases Self-Efficacy to Cook and Eat Fruits and Vegetables in Minority Youth. *Games for Health Journal*. doi: 10.1089/g4h.2017.0102. [Epub ahead of print]

Spruijt-Metz, D, Wen, C.K., O'Reilly, G., Li, M., Lee, S., Emken, B.A., Mitra, U., Annavaram, M., Ragusa, G., & Narayanan, S. (2015, epub ahead of print, 2016) Innovations in the

- Use of Interactive Technology to Support Weight Management. *Current Obesity Reports*. 19-23.
- Ragusa, G. (2014) Engineering Global Preparedness: Parallel Pedagogies, Experientially Focused Instructional Practice. *International Journal of Engineering Education*. 30(2) 1-12. [doi:10.1016/j.ece.2012.03.001]
- Unrau, N., Ragusa, G., & Bowers, E. (2014) Teachers Focus on Motivation for Reading: “It’s All About the Knowing Relationship.” *Reading Psychology*. 4(1). 0-40. [doi/full/10.1080/02702711.2013.836582.]
- Ragusa, G. & Lee, C.T. (2012) The Impact of Focused Degree Projects in Chemical Engineering Education on Students’ Achievement, and Efficacy. *Education for Chemical Engineers*.7(3) 69-77.
- Quirk, M., Unrau, N. Ragusa, G., Rueda, R., Lim, H. Bowers, E. Loara, G. & Velasco, A. (2010) Teacher Beliefs about Reading Motivation and Their Enactment in Classrooms: The Development of a Survey Questionnaire. *Journal of Reading Psychology*. 31(2) 93-120.
- Ragusa, G. (2008) Born Too Soon: What Can We Expect? Academic Expectations of Children With Very Low Birth Weight. *Early Childhood Development and Care*. 179 (5) 651-670.
- Kaye, C., & Ragusa, G. (1998) Boal’s Mirror: Mentorship of Beginning Educators. *Issues in Teacher Education*. 23 (4) 34-41.

**Book:**

- Tierney, W.G., Corwin, Z. B., Fullerton, T. & Ragusa, G. (2014) (Eds.). *Postsecondary Play: The Role of Games and Social Media in Higher Education*. Baltimore, MD: John Hopkins Press. 1-20, 262-282.

**Book Chapters:**

- Corwin, Z. B., Danielson, R. Ragusa, & G., Tierney, W. G., & (2015- e version, 2016 hard copy) Chapter 11: Can Games Facilitate Access to College? In *Using Games and Simulations for Teaching and Assessment*. Harold F. O’Neil, Jr., Eva Baker, Ray S. Perez, editors, New York: Taylor Francis.
- Stillman, J., Ragusa, G. & Whittaker, A. (2015) Chapter 9: Teacher Performance Assessment: Readiness for Practice. In *Designing Teacher Preparation for Quality Teaching*. Etta R. Hollins, editor. New York: Routledge.
- Ragusa, G. (2014) Chapter 5: Gender, Social Media, Games, and the College Landscape. In W.G. Tierney, Z.B. Corwin, T. Fullerton & G. Ragusa (Eds.). *Postsecondary Play: The Role of Games and Social Media in Higher Education*. Baltimore, MD: John Hopkins Press. 262-282.
- Rueda, R. & Ragusa, G. (2012) Social Capital in Education in *The Encyclopedia of Diversity in Education*, James A. Banks, editor. 1<sup>st</sup> Edition. Sage. 4: 1967-69.

Rueda, R. & Ragusa, G. (2010) Second Language Learners with Special Needs. in *The Encyclopedia of Education*, Festus Obakior, editor. 3<sup>rd</sup> Edition. Elsevier. 1779-1794.

Ragusa, G. (2009) Chapter 5: Reactions to Divorce: Communication and Child Writing Practices, in *Literacy Practices in Times of Crisis*. Laurie MacGillivray, editor. New York: Routledge. 47-65.

Ragusa, G. (2009) Chapter 8: Disability Identification: Shifts in Home Literacy Practices, in *Literacy Practices in Times of Crisis*. Laurie MacGillivray, editor. New York: Routledge. 100-118.

#### **Manuscripts Under Review/In Preparation:**

Ragusa, G., Levonisova, S., Huang, S., Bowers, E. & Juarez, C. (under review). Improving Middle School Science Achievement, Literacy and Motivation: A Longitudinal Study of a Teacher Professional Development Program. Submitted to *Journal of Research in Science Teaching*.

Short, E., Swift-Spong, K., Greczek, J., Ramachandran, A., Litoiu, A., Grigore, E.C., Feil-Seifer, D., Shuster, S., Lee, J.J., Huang, S., Levonisova, S., Litz, S., Li, J., Ragusa, G., Spruijt-Metz, D., Matarić, M., & Scassellati, B. (under review) Socially Assistive Robots for Learning About Nutrition Through Play. Submitted to *International Journal of Social Robotics*.

Ragusa, G., Levonisova, S., Huang, S. & Juarez, C. (in preparation). Middle School Mathematics Achievement: Effects of Teacher Professional Development. To be submitted to *Journal of Research in Mathematics Education*.

Ragusa, G., Bowers, E. (in preparation) The Impact of Preparation and Experience on Science and Math Teaching Efficacy. To be submitted to the *Journal of Science Education and Technology*.

Ragusa, G., Bowers, E., & Myck-Wayne, J. (in preparation) Diagnostic Reading Teaching Using A Microteaching Approach: Lessons Learned and Processes Practiced. To be submitted to *Studying Teacher Education*.

Ragusa, G. & Oh, Y. (in preparation.) Urban Teacher Efficacy and Respect for Diversity: A Self-Study In Teacher Education. To be submitted to *Journal of Teacher Education*.

#### **Peer Reviewed, Published Conference Proceedings:**

Ragusa, G. & Matarić, M., & Juarez, C. (2019) A Nine-Year Study of the Impact of Middle and High School Teachers' Participation in Research Experiences for Teachers Programs: Connections Between Teacher Performance and Student Achievement. *2019 American Society for Engineering Education Conference Proceedings*. Session AC-2019 27253, Tampa, FL.

Ragusa, G. & Juarez, C. (2019) Student Persistence and University Transitions in STEM Majors: Community College Students' Challenges and Successes. *2019 American Society for Engineering Education Conference Proceedings*. Session AC-2019 27276, Tampa, FL.

Clabaugh, C., Jain, S., Thiagarajan, B., Shi, Z., Mathur, L., Ragusa, G. & Matarić, M. (2018) Attentiveness of Children with Diverse Needs to a Socially Assistive Robot in the Home.

- International Symposium on Experimental Robotics*, November 5-8, 2018, Buenos Aires, Argentina.
- Ragusa, G. & Juarez, C. (2018) Student Innovation and Persistence in STEM Majors: What Works and What Doesn't for Community College Students. *2018 American Society for Engineering Education Conference Proceedings*. Session AC-2018 22693 Salt Lake, UT.
- Clabaugh, C. Becerra, D., Deng, E, Ragusa, G., & Matarić, M. (2018) *Month-long, In-home Case Study of a Socially Assistive Robot for Children with Autism Spectrum Disorder*. Human-Robot Interaction, Companion, March 5-8, 2018, Chicago, IL.
- Ragusa, G. & Slaughter, J. B. (2017) The Impact of Community College Students' Propensity for Innovation on Persistence in STEM Majors. *2017 American Society for Engineering Education Conference Proceedings*. Session AC-2017 20168, Columbus, OH.
- Ragusa, G., Matarić, M. & Juarez, C. (2017) A Seven-Year Study of Middle and High School Teachers Participating in Research Experiences For Teachers Programs: Exploring the Relationship Between Teacher Performance and Student Achievement. *2017 American Society for Engineering Education Conference Proceedings*. Session AC-2017 20169, Columbus, OH.
- Won, D., Meneses, G., & Ragusa, G. (2017) Boosting Engineering Identity of Rising Sophomore Engineering Majors Through Service Learning Based Bridge Program. *2017 American Society for Engineering Education Conference Proceedings*. Session AC-2017 20608, Columbus, OH.
- Shuman, L.S. Streiner, Besterfield-Sacre, M., Ragusa, R., Matherly, C. & Benson, L. (2017). Assessing the Spectrum of International Undergraduate Engineering Educational Experiences: A Cross-Institutional Study, *2017 American Society for Engineering Education Conference Proceedings*. Session AC-2017 20308, Columbus, OH.
- Regalado, M. Schneiderman, J., Dei, J. & Ragusa, G. (2017) A Parent-Child Relational Framework for Teaching Child Development Assessment to Pediatric Residents: Description and Preliminary Validation in a Sample of Preterm Infants. ICM Conference, 2017.
- Ragusa, G. & Slaughter, J. B. (2016) Research on Innovation and Creativity in Higher Education in Engineering and Science for Community Colleges: Student Strengths and Challenges. *2016 American Society for Engineering Education Conference Proceedings*. Session AC-2016 17349. New Orleans, LA.
- Besterfield-Sacre, M.E., Shuman, L., Ragusa, G., & Matherly, C. (2016) Assessing the Spectrum of International Undergraduate Engineering Educational Experiences. *2016 American Society for Engineering Education Proceedings*. New Orleans LA. Session AC-2016 16381.
- Ragusa, G. & Matarić, M. (2016) Research Experiences For Teachers: Linking Research to Teacher Practice and Student Achievement in Engineering and Computer Science. *2016 American Society for Engineering Education Conference Proceedings*. New Orleans, LA. Session AC-2016 17351.

- Shamsian, S. & Ragusa, G. (2016) Teaching Large Computer Science Classes. *2016 American Society for Engineering Education Conference Proceedings*. New Orleans, LA. Session AC-2016 15329.
- Matherly, C., Ragusa, G. & Phillips, S. (2016). International vs. Domestic Research Experiences for Undergraduates (REU): A Three-Year Assessment of the Preparation of Students for Global Workforces. *2016 American Society for Engineering Education Conference Proceedings*. New Orleans, LA. Session AC-2016 16659.
- Clabaugh, C. Ragusa, G., Sha, F., & Matarić, M. (2016) Designing a Socially Assistive Robot for Personalized Number Concepts Learning in Preschool Children. *IEEE: The Sixth Joint IEEE International Conference Developmental Learning and Epigenetic Robotics Conference Proceedings*. Paris, France.
- Liyanagamage, S., Bertucco, M., Ragusa, G., & Sanger, T.D. (2016). Role of Visualization Techniques in Motor Skill Learning. *Society for Neural Control of Movement (NCM) Annual Meeting*, Session #4-E-19. Montego Bay, Jamaica. April 24-29, 2016.
- Ragusa, G. & Slaughter, J. B. (2015) Research on Innovation and Creativity in Higher Education in Engineering and Science for Community Colleges. *2015 American Society for Engineering Education Conference Proceedings*. Session AC-2015 14020. Seattle, WA.
- Besterfield-Sacre, M.E., Shuman, L., Ragusa, G., & Matherly, C. (2015) Assessing the Spectrum of International Undergraduate Engineering Educational Experiences. *2015 American Society for Engineering Education Proceedings*. Session AC 2015- 11746. Seattle, WA.
- Streiner, S.; McCave, E., Levonisova, S., Savage, R; Besterfield-Sacre, M.E., Ragusa, G., Matherly, C., Benson, L., & Shuman, L. (2015) An Inductive Qualitative Analysis of Student Interviews on Engineering Global Preparedness. *2015 American Society for Engineering Education Proceedings*. Session AC 2015- 11801. Seattle, WA.
- Levonisova, S., Savage, R., Streiner, S.; McCave, E., Ragusa, G., Besterfield-Sacre, M.E., Matherly, C., Benson, L., & Shuman, L. (2015) Identifying Factors that Enhance Undergraduate Students' Engineering Global Preparedness. *2015 American Society for Engineering Education Proceedings*. Session AC 2015- 12356. Seattle, WA.
- Menezes, G.B.; Sharif, A.A., Pacheco-Vega, A., Won, D.S., Rodriguez-Nikl, T., Ragusa, G., & Khachikian, C.S. (2015) Sophomore Unified Core Curriculum for Engineering Education (SUCCEED) at Cal State LA. *2015 American Society for Engineering Education Proceedings*. Session AC 2015- 13705. Seattle, WA.
- Rodriguez-Nikl, T., Won, D.S., Menezes, G.B., Pacheco-Vega, A., Sharif, A.A., & Ragusa, G., (2015) Integrated Project for Sophomore Engineering Course Contextuality. *2015 American Society for Engineering Education Proceedings*. Session AC 2015- 13717. Seattle, WA.
- Clabaugh, C., Ragusa, G., Sha, F. & Matarić, M. (2015) Designing a Socially Assistive Robot for Personalized Number Concepts Learning in Preschool children, in *Fifth International Conference on Development and Learning and on Epigenetic Robotics (ICDL-EPIROB)*, Providence, RI, August 2015.

- Clabaugh, C. Sha, F. Ragusa, G. & M. Matarić, M. (2015) Towards a personalized model of number concepts learning in preschool children, in *ICRA Workshop on Machine Learning for Social Robotics*, Seattle, Washington, May 2015.
- Ragusa, G. Matherly, C. & Phillips, S. (2014) Comparison of Two Study Abroad Programs' Impacts on Preparing Students for Global Workforces. *44th ASEE/IEEE Frontiers in Education Conference Proceedings, 2014*, Session DIS3: 796- 1569919057 Madrid, Spain.
- Ragusa, G. Matarić, M., & Huang, S. (2014) Research Experiences For Teachers: Linking Research to Teacher Practice and Student Achievement. *American Society for Engineering Education Conference Proceedings*. Session AC-2014 10193. Philadelphia, PA.
- Huang, S., Levonisova, S., Streiner, S., Cunningham, S., Ragusa, G. Besterfield-Sacre, M., Matherly, C., , & Shuman, L. (2014) Moving Toward a Research Informed Conceptual Model of Engineering Global Preparedness. *American Society for Engineering Education Conference Proceedings*. Session AC-2014 . Philadelphia, PA.
- Streiner, S., Cunningham, S., Huang, S., Levonisova, S., Besterfield-Sacre, M., Matherly, C., , & Shuman, L. & Ragusa, G. (2014) Exploring Engineering Education in Broader Contexts: A Framework of Engineering Global Preparedness. *American Society for Engineering Education Conference Proceedings*. Session AC -2014. Philadelphia, PA.
- Short, E., Swift-Spong, K., Greczek, J., Ramachandran, A., Litoiu, A., Grigore, E.C., Feil-Seifer, D., Shuster, S., Lee, J.J., Huang, S., Levonisova, S., Litz, S., Li, J., Ragusa, G., Spruijt-Metz, D., Matarić, M., & Scassellati, B. (2014) How to Train Your DragonBot: Socially Assistive Robots for Teaching Children about Nutrition through Play. *23rd IEEE International Symposium on Robot and Human Interactive Communication*, Session 181.
- Ragusa, G. (2013) STEM Literacy and Textbook Bias in K-12. *43rd ASEE/IEEE Frontiers in Education Conference Proceedings, 2013*, Session S1C: pK-12 STEM III. 978-1-4673-5261-1/13
- Lui, A., Lu, S. C., Ragusa, G & Dai, Y. (2013) Employing Technologies to Enhance Students' Global Preparedness: iPodia. *2013 International Conference on Engineering Education and Research Conference Proceedings*, Session 139. Marrakesh, Morocco.
- Redekopp, M. & Ragusa, G. (2013) Evaluating Flipped Classroom Strategies and Tools for Computer Engineering. *2013 American Society for Engineering Education Conference Proceedings*. Session AC 2013- 7063. Atlanta, GA.
- Besterfield-Sacre, M.E., Ragusa, G., Matherly, C., Phillips, S. & Shuman, L. (2013) Assessing the Spectrum of International Undergraduate Engineering Educational Experiences. *2013 American Society for Engineering Education International Forum Proceedings*. Session AC 2013- 47. Atlanta, GA.
- Ragusa, G. (2013) Science Literacy and Text Book Biases. *2013 American Society for Engineering Education, Conference Proceedings*. Session AC 2013-7508. Atlanta, GA.
- Ragusa, G. (2012) Teacher Training and Science Literacy: Linking Teacher Intervention to Students' Outcomes in STEM Courses in Middle and High School Classes. *2012 American*

- Society for Engineering Education Conference Proceedings*. Session AC 2012-5242. San Antonio, TX.
- Wilczynski, D. & Ragusa, G. (2012) Teams Design, Mentoring and Managing For Computer Science Underclassmen. *2012 American Society for Engineering Education Conference Proceedings*. Session AC 2012-3215. San Antonio, TX.
- Wilczynski, D. & Ragusa, G. (2012) A Practical and Comprehensive Approach of Assessing ABET Outcome Achievement in Computer Science and Computer Engineering. *2012 American Society for Engineering Education Conference Proceedings*. Session AC 2012-3216. San Antonio, TX.
- Ragusa, G. (2011) Teacher Training and STEM Student Outcome: Linking Teacher Intervention to Students' Success in STEM Middle and High School Classes. *2011 American Society for Engineering Education Conference Proceedings*. Session AC 2011-2751. British Columbia, Vancouver, Canada.
- Ragusa, G. (2011) Engineering Preparedness for Global Workforces: Curricular Connections and Experiential Impacts. *2011 American Society for Engineering Education Conference Proceedings*. Session AC 2011-2750. British Columbia, Vancouver, Canada.
- Ragusa, G. (2011) Engineering Creativity and Propensity for Innovative Thinking In Undergraduate and Graduate Students. *2011 American Society for Engineering Education Conference Proceedings*. Session AC 2011-2749. British Columbia, Vancouver, Canada.
- Ragusa, G. (2011) Engineering Creativity and Propensity for Innovative Thinking in Engineering Students. *41<sup>st</sup> ASEE/IEEE Frontiers in Education Conference Proceedings, 2011*, Session F2D, Rapid City, SD.
- Rizzo, A., Requejo, P., Winstein, C., Lange, B., Ragusa, G., Merians, A., Patton, J. Banerji, P, & Aisen, M. (2011). Virtual Reality Applications for Addressing the Needs of Those Aging Into and With a Disability. *Medicine Meets Virtual Reality*. 18 J.D. Westwood et al. (Eds.) IOS Press, doi:10.3233/978-1-60750-706-2-510.
- Ragusa, G. (2010) Preparing University Students For Global Workforces: Comparisons Between Engineering and Business School Students. *40<sup>th</sup> ASEE/IEEE Frontiers in Education Conference Proceeding, 2011*, Session F4J. Louisville: KY.
- Ragusa, G. (2009) Preparing Engineers for Global Workforces: A Research University's Response. *2009 American Society for Engineering Education Conference Proceedings*. Session AC 2009-2186. Austin, TX.
- Bardet, J. P. & Ragusa, G. (2009) Analysis of Body of Knowledge in Civil Engineering. *2009 American Society for Engineering Education Conference Proceedings*. Session AC 2009-2293. Austin, TX.
- Ragusa, G. & Coccozza, J. (2009) Research, Collaboration and Interconnected Outreach for Underrepresented Groups: Success from RET and REU Collaborations. *2009 American Society for Engineering Education Conference Proceedings*. Session AC 2009-2238. Austin, TX.



- Redekopp, M. Raghavendra, C. Wilbur, T. & Ragusa, G. (2009) A Fully Interdisciplinary Approach to Capstone Design Courses. *2009 American Society for Engineering Education Conference Proceedings*. Session AC 2009-1805. Austin, TX.
- Lee, T., & Ragusa, G. (2009) A Degree Project in Chemical Engineering. *2009 American Society for Engineering Education Conference Proceedings*. Session AC 2009-2283. Austin, TX.
- Ragusa, G. & Coccozza, J. (2008) Engineering Outreach: Connecting Biomimetic Research to Urban K-12 Classrooms. *2008 American Society for Engineering Education Conference Proceedings*. Session AC-2008-2625. Pittsburgh, PA.
- Ragusa, G. Khoo, M., & Meng, E. (2008) Engineering Education In Biomimetic Microelectronic Systems: An Urban Engineering Research Center's Response. *2008 American Society for Engineering Education Conference Proceedings*. Session AC 2008-2616. Pittsburgh, PA.
- Bardet, J. P., Ragusa, G. & Meyer, K. (2008) Performance Assessment for Civil and Environmental Engineering Curricula. *2008 American Society for Engineering Education Conference Proceedings*. Session AC 2008-1285. Pittsburgh, PA.
- Bardet, J.P., McLeod, D. & Ragusa, G. (2008) Ontology and Web Semantics for Improvement of Curriculum in Civil Engineering. *2008 American Society for Engineering Education Conference Proceedings*, Session AC 2008-1449. Pittsburgh, PA.
- Coccozza, J. & Ragusa, G. (2008) The Engineering for Health Academy: A Specialized Secondary Program Preparing High School Students for a Career in the Biomedical Engineering Profession. *2008 ICEE Conference Proceedings*. Hungary.

**Non- reviewed Journal Articles:**

- Ragusa, G. & Moore, J. E. (2016) Common Denominators of Learning: *Last Word, ASEE Prism*. 68. America Society for Engineering Education.
- Tierney, W. G., Ragusa, G., Corwin, Z. & Fullerton (2013) *Ready or Not, Here We Play! The Impact of Collegeology Games on College Readiness, Access, and Student Success*. Publication of the USC Pullius Center for Higher Education.
- Corwin, Z. Tierney, W. G., Swensen, E., Brouchard, S., Fullerton, T. & Ragusa, G. (2012) *Gaming the System: Fostering College Knowledge Through Play*. Publication of the USC Pullius Center for Higher Education.
- Ragusa, G. & Mora-Flores, E (2005) Preparing Teachers to Become Literacy Educators: The Importance of Linking Preservice to Inservice Training. *Urban Education Magazine*. 3 (1).

**Technical Reports:**

- Ragusa, G. (2016) Project Vistas: An Evaluative Report on Workforce Development for In Home Child Care Services. First 5 of Los Angeles.
- Ragusa, G. (2013) The Impact of Science Teacher Professional Develop and Integrated Science of Middle School Students and Teachers Performance: Full Report to the California Department of Education.

- Ragusa, G. (2011) School Readiness Initiative: Preparing Children and Families for School in Eastern Los Angeles. Final Technical Report of Program Evaluation.
- Ragusa, G. (2011) Mild / Moderate Educational Specialist Credential Program Document to the California Commission on Teacher Credentialing.
- Ragusa, G. (2010) The Impact of A Voluntary Tutoring Program in Improving Students' Reading Performance: An Evaluation of the Koreh LA Reading Program. Technical Report. Jewish Federation.
- Ragusa, G. (2010) School Readiness Initiative: Preparing Children and Families for School in Eastern Los Angeles. Technical Report of Program Evaluation.
- Rueda, R., Loera, G., Fujii, K., Moulton, K., Ragusa, G. Oh, Y.J. & Nakamoto, J. (2008) Learning and Motivational Characteristics of Urban High School Students. Technical Report to Mental Health America, Los Angeles.
- Ragusa, G. (2005) California Reading Certificate Program Document to the California Commission on Teacher Credentialing.
- Ragusa, G. (2001) Deaf and Hard of Hearing Educational Specialist Credential Program Document to the California Commission on Teacher Credentialing.

**Reviewed Conferences Presentations:**

- Regalado M., Duan L., Ragusa G. & Schneiderman J.U., (2018) "A Relationship-Based Framework to Build Child Development Assessment Skills in Pediatric Residents." *Zero to Three*, Los Angeles, CA. Feb 2018.
- Wen C.K.F., Auerbach D, Turpin D, Hashemian Y, Gotsis M, Lane HC, O'Reilly GA, Davis JN, Ragusa G, & Spruijt-Metz D. (2014) "User-centered Design of Virtual Sprouts: A Mobile Device-Based Gardening and Cooking Game for Promoting Dietary Behavior Change Among Minority School Children. Presented at Wireless 2014, National Institutes of Health, October 29-31, Bethesda MD
- Short, E. Swift-Spong, K. Greczek, J. Mataric, M.J. Ragusa, G. & Spruijt-Metz, D. (2014). "How to Train Your DragonBot: Socially Assistive Robots for Teaching Children About Nutrition Through Play." International Society for Behavioral Nutrition and Physical Activity. San Diego, California.
- Ragusa, G., Levonisova, S., & Huang, S. (2013) "The Influence of Formal and Informal Pedagogical Practices on Non-traditional College Students' Achievement and Persistence in STEM Education." Association for the Study of Higher Education. St. Louis, MO.
- Ragusa, G. & Baezconde, L. (2013) "Extending Across Research Boundaries: A Comparison of Disciplinary Processes in Bringing Research to Practice in Medicine, Science, and Teacher Education." Vice Presidential Invited Session. American Education Research Association, San Francisco, CA.

- Spruijt-Metz, D., Gotsis, M., Lane, H.C., Ragusa, G., Davis, J., O'Reilly, G.A, Hashemian, Y., Turpin, D., Farmer, N., Zhang, J.R., Auerbach, D. (2013) "Virtual Sprouts: Developing a Mobile Gardening Game to Prevent and Treat Obesity." Oral presentation, 34<sup>th</sup> Annual Meeting and Scientific Sessions of the Society for Behavioral Medicine, San Francisco, California, March 20-23, 2013
- Perkins, J., Corwin, Z. & Ragusa, G. (2012) "Digital Impact: Examining the Effects of an Online College Access intervention." Association for the Study of Higher Education. Las Vegas, Nev.
- Spruijt-Metz, D. Gotsis, M., Ragusa, G. Lane, H.C. & Davis, J. (2012) "A Virtual Gardening Game for the Prevention of Obesity in Minority Youth." MED EX- Stanford University. Palo Alto, CA.
- Corwin, Z., Ragusa, G.; Tierney, W.M., & Fullerton, T. (2012) "The Impact of Game Strategy on the Development of College Literacy" American Education Research Association, Vancouver, British Columbia, Canada.
- Reles, S., Tierney, W. M. & Ragusa, G. (2012) "College Writing Exams and College Access: An Opportunity for Improvement." American Education Research Association, Vancouver, British Columbia, Canada.
- Mateo, X., Ragusa, G. & Girguis, N. (2012) "Transformative Education and Innovation: Developing Sources of STEM Teacher Efficacy." American Education Research Association, Vancouver, British Columbia, Canada.
- Pelayo, I, Mateo, X, Mendoza, D.E., Ragusa, G. & Rueda, R. (2012) "A Culturally Responsive Coaching Model for Culturally Responsive Teaching Practices: An Early Childhood Case Study." American Education Research Association, Vancouver, British Columbia, Canada.
- Ragusa, G. (2011) "Enabling Career Development: A Confluence of Pedagogical Support Services Designed to Support Emergent Early Childhood Educators in Career Advancement," Presented: American Education Research Association, New Orleans, LA.
- Tierney, W. G. Hentschke, G., & Ragusa, G. (2011) "For-Profit Universities and the Public Good: Oxymoron or Shining Example," American Education Research Association, New Orleans, LA.
- Ragusa, G & Corwin, Z. (2011) "Ready or Not (for College) Here we Play!" Association for the Study of Higher Education. Charlotte, N.C.
- Haubert, L.L., Requejo P., Mulroy, S., Ragusa, G., & Winstein, C. (2011) "Car Transfer Evaluation Toolkit: Assessment and Intervention to Facilitate Transitions in the Home and Community for Individuals Aging with a Disability." Festival of International Conferences on Caregiving, Disability, Aging and Technology (FICCDAT). Toronto, Canada.
- Ragusa, G; Winstein, C.; Requejo, & Clark, F. (2010) "Honoring Voices, Building Theory: A Grounded Theoretical Approach to Data Analyses of Focus Group Participant Data From People Aging Into and With Disabilities." Presented at: NARRTC. Arlington, VA.

- Loera, G. Rueda, R; Molten, K; Ragusa, G. Oh, Y & Nakamoto, J. (2010) "Learning and Motivational Characteristics of Urban High School Students," American Education Research Association. Denver, CO.
- Ragusa, G. (2010) "Preparing STEM Middle and High School Students for Teaching Urban Students: An Inservice Approach." *NSF Engineering Education Awardees Conference*, 2010.
- Ragusa, G., Quirk, M. Unrau, N, & Rueda, R. (2009) "Reading Motivation and Struggling Urban Readers: Its Relationship to Reading Activity, Achievement, and Interest," American Education Research Association. San Diego, CA.
- Ragusa, G., Ardell, A. and Bowers, E. (2009) "Situative Microteaching and Teacher Development: Relationships Between Teacher Educators and Support of the Confluence of Cognition, Affect and Teacher Development," American Education Research Association. San Diego, CA.
- Ragusa, G., Unrau, N., & Bowers, E. (2009) "Teachers' Beliefs about Urban Students' Motivation for and Engagement In Reading: The Role of Social Contexts and Reading Development" National Reading Conference. Albuquerque, New Mexico.
- Ragusa, G. Quirk, M. Unrau, N, & Rueda, R. (2008) "A Cross-sectional Study of Reading Engagement for Struggling Readers in Urban Schools," American Education Research Association. New York, N.Y.
- Ragusa, G., Unrau, N., & Bowers, E. (2008) "Teachers' Beliefs about Urban Students' Motivation for Reading: Teachers Respond to a Focus Group" National Reading Conference. Orlando, FA.
- Ragusa, G. Quirk, M. Unrau, N, Bowers, E. & Rueda, R. (2007) "Teacher Beliefs about Reading Motivation and Their Enactment in Urban Classrooms," National Reading Conference. Austin, TX.
- Ragusa, G. Choi, S., & Mora Flores, E. (2007) "The Role Preservice Teacher Efficacy and Self-Regulation on Instructional Success in Urban Environments," American Education Research Association. Chicago, IL.
- Ragusa, G. & Chen, C.H. (2007) "The Effects of a Book Loan Program in an Inner City Preschool on Home Literacy Practices," American Education Research Association. Chicago, IL.
- Ragusa, G. & Choi, S. (2007) "The Role Preservice Teacher Efficacy and Self-Regulation on Instructional Success in Urban Environments," American Education Research Association. Chicago, IL.
- Ragusa, G. (2007) "The Role Preservice Teacher Efficacy on Perceived Instructional Success in Urban Environments," American Association of Colleges of Teacher Education. New York, N.Y.
- Ragusa, G. (2007) "The Role Preservice Teacher Efficacy on Perceived Instructional Success in Urban Environments," Association of Teacher Educators. San Diego, CA.

- Ragusa, G. (2006) Project Triple L: Leadership In Literacy Learning: An Inservice Approach.” American Education Research Association. San Francisco, CA.
- Ragusa, G. (2006) “Born Too Soon: What Can We Expect? The Home Literacy Experiences of Low Birth Weight Children,” National Reading Conference. Miami, FA.
- Ragusa, G. (2005) “Using Videoconferencing for Supervision of Preservice Teachers,” American Education Research Association. Montreal, Canada.
- Ragusa, G. (2002) “Distance Education and Teacher Education- Triumphs and Challenges,” Alexander Graham Bell Association for the Deaf. St. Louis, MI.
- Ragusa, G. (1999) “Early Childhood Special Education: Building Family Centered Services and Support.” International Congress on Education. Belize City, Belize.
- Ragusa, G. & Kaye, C. (1998) “Boal's Mirror: Mentorship of Beginning Educators,” American Education Research Association. San Diego, CA.
- Ragusa, G. (1997) “Teacher Education At A Distance.” International Congress on Education. Maui, HI.
- Ragusa, G. (1997) “Born Too Soon: What Can We Expect From Low Birth Weight Children?” West Coast Early Literacy Conference. Anaheim, CA.
- Ragusa, G. & Kaye, C. (1997) “Wearing My Multicultural Face: Mentorship of Novice Teachers,” American Education Research Association. Chicago, IL.
- Ragusa, G. (1996) “Born Too Soon: What Can We Expect?” West Coast Special Education Conference. Anaheim, CA.
- Ragusa, G. (1996) “Born Too Soon: The Impact of Low Birth Weight on Child Outcome.” International Congress on Education, Aruba.
- Ragusa, G. & Kaye, C. (1996) “The Classroom as a Theater,” Pedagogy of the Oppressed. Omaha, NA.
- Kaye, C. & Ragusa, G. (1996) “Teachers as Culture Guides,” American Education Research Association. New York, N.Y.
- Ragusa, G. & Kaye, C. (1996) “Senior Female Educators as Model Mentors for Beginning Teachers,” Enduring Spirit. Omaha, NA.
- Ragusa, G. (1994) “Emergent Literacy with Children with Disabilities Who Also Have Bilingual Needs” Bilingual Special Education Conference. Los Angeles, CA.
- Ragusa, G. (1994) "Early Intervention, Past, Present and Future." Coalition For Children With Special Needs. Pasadena, CA.
- Ragusa, G. (1993) "Addressing the Health Care Needs Of the Economically Deprived Young Child" California Department of Health Services. Sacramento, CA.

## **CURRENT FUNDED RESEARCH PROJECTS**

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**Research on Innovation and Creativity in Higher education in Engineering and Science (RICHS) for Community Colleges** – National Science Foundation (NSF) – USC’s Viterbi School of Engineering and the Los Angeles area community colleges. Principal Investigator – September 2014 – August 2018. \$300,000

**HS STEM de Jardin:** U.S. Department of Education - Multidisciplinary Research Project: USC’s Viterbi School of Engineering and several other universities. Site Principal Investigator. October 2016-September 2121. \$631,288.00

**Collaborative Research: First Year Experience for Engineering, Computer Science & Technology**-National Science Foundation, Multidisciplinary Research Project: USC’s Viterbi School of Engineering and California State University, Los Angeles College of Engineering. Site Principal Investigator. October 2017- November 2019. \$135,000

**IRES Track II/Collaborative Research: PREEMPTIVE Multidisciplinary Natural Hazards Engineering Institute Series for Advanced Graduate Students**–National Science Foundation (NSF) – Multidisciplinary grant: USC’s Viterbi School of Engineering and several other universities. Co-PI – August 2018 – July 2021. \$259,435

**Co-Robots as Gateways to Access to K-12 I-school Education.** National Science Foundation (NSF) - USC Viterbi School of Engineering. Co-PI. September 2015-September 2019. \$1,1025,000

**Collaborative Research: Socially Assistive Robots** National Science Foundation (NSF) Expeditions - Multidisciplinary Research Project: USC Viterbi School of Engineering and several other universities (Yale, MIT, Stanford). Co PI. September 2011-September 2019. \$2,625,000

**SAVI/Collaborative Research: Pacific Rim Earthquake Engineering Mitigation Protective Technologies International Virtual Environment**–National Science Foundation (NSF) – Multidisciplinary grant: USC’s Viterbi School of Engineering and several other universities. Co-PI – September 2014 – August 2019. \$222,711

**Advanced Content in Computational Engineering and Science Standards for Teachers (ACCESS 4Teachers) – RET in Engineering and Computer Science Site** – National Science Foundation (NSF): USC’s Viterbi School of Engineering. Co-PI June 2014 – August 2019. \$500,000

**CSMARTS in Middle School: Computer Science Mentorship for the Advancement of Teachers and Students in Middle School.** Donor Funding: USC’s Viterbi School of Engineering. Principal Investigator. November 2015- October 2018. \$1,005,000.

**Robotics and Coding Academy.** Good Neighbors Fund +Donor Funding: USC’s Viterbi School of Engineering. Principal Investigator, \$158, 845. August 2015-June, 2021 (donor funding)

## **COMPLETED FUNDED RESEARCH PROJECTS**

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**Research in Engineering Education: A Collaboration Research: Assessing the Spectrum of International Undergraduate Engineering Educational Experiences:** National Science

Foundation (NSF) - Multidisciplinary Project: USC's Viterbi School of Engineering and several other universities. Principal Investigator. January 2012- December 2017. \$150,000

**CREATE Center for Homeland Security:** Department of Homeland Security- Associate Director of Education. Multidisciplinary Research Center: USC's Viterbi School of Engineering and Sol Price School of Public Policy and several universities. October 2010- August 2017. \$3,300,000

**DHS STEM: Career Development Program:** Department of Homeland Security: Director of Education: Co-PI. September 2010- October 2016. \$600,000

**SEPA: Virtual Sprouts: Community Health Prevention:** National Institute of Health. Multidisciplinary Research Project: USC's Viterbi School of Engineering, School of Cinematic Arts, and Keck School of Medicine. Co PI April 2011-August 2017. \$1,338,123

**Engineering Medical Therapeutic Technologies-Research Experiences for Teachers (EM2-RET)** National Science Foundation. Multidisciplinary Research Project: USC's Viterbi School of Engineering and Keck School of Medicine. Senior Personnel. March 2013-April 2016. \$445,765

**Goals and Needs in Accelerated STEM (GANAS) STEM:** U.S. Department of Education - Multidisciplinary Research Project: USC's Viterbi School of Engineering and several other colleges/universities. Principal Investigator. October 2011-March 2017. \$1,200,000

**Strategizing for College: A Game-based Approach to Increasing College Access:** Institute of Educational Sciences (IES) Multidisciplinary Research Project: USC's Rossier School of Education and Viterbi School of Engineering. Co-PI. January 2011- December 2014. \$1,464,508

**New GK-12: BE-LA: Body Engineering Los Angeles** National Science Foundation – USC's Viterbi School of Engineering. Co-PI. January 2011- December 2014. \$1,335,321

**Project MSLAHMS: Middle School Literacy Achievement in Health, Math and Science:** California Commission on Postsecondary Education: Improving Teacher Quality (CPEC ITQ). Principal Investigator October 2009- October 2013. \$1,016,685

**AHRQ: Comparative Effectiveness Research:** Autism Spectrum Disorder: Co-PI. August 2010- October 2012. \$1,486,262

**Biomimetic MicroElectronic Systems Engineering Research Center (BMES ERC.)** National Science Foundation. Multi-University, Multi-school Research Center. Associate Director, Assessment of Education and Outreach. USC's Keck School of Medicine, Rossier School of Education, and Viterbi School of Engineering and other universities (UC Santa Cruz, UCLA, Cal State LA, Wakeforest). August 2005- August 2014. \$13,099,998

**Societally Relevant Engineering Technologies-Research Experiences for Teachers (SRET-RET)** National Science Foundation. USC's Viterbi School of Engineering and Rossier School of Education. Co-PI. March 2010-April 2014. \$390,000

**Minority Youth Health in Los Angeles (MYLA) Project 3:** National Institute of Health. Multidisciplinary Research Project with USC's Viterbi School of Engineering, Keck School of Medicine. Co-PI. January 2009- December 2012. \$1,471,978

**Center for Energy Nanoscience.** US Department of Energy. Multidisciplinary Research Center USC's Viterbi School of Engineering and Dornsife College. Director, Education and Outreach. August 2010- August 2014. \$165,311

**OPTT Rehabilitative Engineering Research Center (OPTT RERC):** US Department of Education (NDDRR). Multidisciplinary Research Center: USC's Division of Physical Therapy, Rossier School of Education, and Viterbi School of Engineering. Co-PI- Project Evaluator and Dissemination Coordinator. October 2008- December 2013. \$4,750,000

**Emerging Research-Empirical Research- Measuring the Impact of Online Discourse in Undergraduate STEM Courses:** National Science Foundation - Multidisciplinary Research Project: USC Viterbi School of Engineering's Information Sciences Institute. Co-PI. January 2011- December 2014. \$100,000

**USC CSMARTS in LA: Computer Science Mentorship for the Advancement of Teachers and Students in Los Angeles.** Google Small Grant: CS4HS. USC's Viterbi School of Engineering. Principal Investigator. April 2013-December 2014. \$15,000

**DETER CCLI Phase II.** National Science Foundation: Multidisciplinary Research Project USC's Rossier School of Education and Viterbi School of Engineering's Information Sciences Institute. Senior Researcher, Evaluator. September 2009- August 2012. \$150,000

**PedWorkflow: Workflows for Assessing Student Learning**  
National Science Foundation. Multidisciplinary Research Project: USC Rossier School of Education and Viterbi School of Engineering's Information Sciences Institute. Co-PI. October 2009- November 2012. \$498,379

**Telemedicine and Minority Health- KNOWME Networks:** National Institute of Health Multidisciplinary Research Project: USC's Keck School of Medicine, Rossier School of Education, and Viterbi School of Engineering. Co-PI. October 2008- April 2011. \$250,000

**First 5 Los Angeles- Para Los Niños- School Readiness Early Literacy Initiative.** First 5 of California. USC's Rossier School of Education. Principal Investigator. July 2005 – June 2012. \$340,000

**Pathfinder: Increasing College Access using Games.** TG Foundation, with USC's Rossier School of Education December 2010-December 2011. Co-PI: \$150,000

**Inner City Civil and Environmental Engineering Academy.** National Science Foundation-USC Rossier School of Education and Viterbi School of Engineering. Principal Investigator. January 2009- December 2010. \$150,000

**Curricular and Laboratory Innovations- CCLI Degree Projects in Chemical Engineering.** National Science Foundation- Co-PI January, 2007- June 2009. \$290,000

**Koreh LA: Evaluating an Afterschool Reading Program.** California Community Foundation. Principal Investigator, May 2008- October 2010. \$64,000

**Performance Assessment of California's Teachers (PACT):** Spencer Foundation- Site Principal Investigator. October 2008-June 2009. \$15,000



**Preparing New Teachers of Deaf and Hard of Hearing Children- A Distance Learning Approach to Teacher Education** US Department of Education Personnel Preparation Grant-OSEP. USC's Rossier School of Education. Principal Investigator. 2003- 2005. \$1,500,000

**Preparing New Teachers of Deaf and Hard of Hearing Children: Two Program Options-** US Department of Education Personnel Preparation Grant-OSEP. USC Rossier School of Education. Principal Investigator. 2002- 2005. \$1,325,000

**Preparing New Teachers in Early Childhood Education: Content to Practice-** Internal Dean's Grant. California State University, Northridge, School of Education. Principal Investigator. 2001. \$25,000

## **UNIVERSITY SERVICE**

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**Member, Chair, Co-Chair, USC Joint Academic Senate/Provost's Committee on University Libraries,** *November 2011- Present.*

**Member, USC Center for Excellence in Teaching Advisory Board,** *August 2017-present*

**Member, USC Ad Hoc Group on University-wide Course Evaluation Revision,** *August 2017-present*

**Member, USC Viterbi School of Engineering, Division of Engineering Education,** *2007-Present*

**Member, USC Viterbi School of Engineering Ad Hoc Committee for Undergraduate Honors Program Revision,** *September 2016- March 2017*

**Member, USC Viterbi School of Engineering Ad Hoc Committee for Development of the Viterbi Center for Excellence in Teaching,** *September 2016- present*

**Chair, USC STEM Education Consortium (Provost's Collaboration Fund),** *2010- June 2018*

**Member, USC Government and Community Relations Faculty Advisory Council,** *May 2011-2016.*

**Member, USC University Wide Undergraduate Curriculum Committee-Social Sciences,** *August 2010-May 2015.*

**Member, USC Academic Senate's Committee on Development and Implementation of University Policies,** *August 2013- August 2014*

**Member, USC Board of Trustees Alumni Affairs Committee,** *August 2011- August 2012*

**Senator, USC Academic Senate** *August 2008- August 2010*  
*Subcommittees: Faculty Handbook*

**USC Academic Senate "Engaged Learning and Teaching" Faculty Panelist,** *August 2013*

**USC Academic Senate "Culture of Mentoring" Faculty Panelist,** *February 2011*

**Chairperson, USC Rossier School of Education Faculty Council** *August 2006-August 2007*

**Chairperson, USC Rossier School of Education Psychology in Education Concentration**  
*August 2005-August 2007*

**Member, USC Rossier School of Education Ed.D. Governance Committee** *August 2005-August 2008*

**Member, USC Rossier School of Education Diversity Committee** *August 2004-August 2006*

**Member, USC Rossier School of Education Curriculum Committee** *August 2004-August 2006*

**Alternate, USC Academic Senate** *August 2006- August 2007*

**Member, USC Distance Education Task Force** *August 2001- 2004*

#### **FEDERAL GRANT REVIEWS AND JOURNAL REVIEWS**

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**National Science Foundation** Engineering Education Directorate, Directorate of Undergraduate Education, various competitions. *2006-Present*

**National Institute for Health** various competitions *2013-Present*

**US Department of Education** Office of Special Education Programs Personnel Preparation Grants Panels. *2006-Present*

**Child Development** *2003- Present*

**Journal of Engineering Education** *2011- Present*

**Journal of Adolescent Reading** *2009- Present*

**Journal of Adolescent Development** *2012- Present*

**Journal of Service Learning in Engineering** *2014-Present*

**Associate Editor-American Education Research Journal:** Section on Teaching, Learning and Human Development. *2012-14*

**Associate Editor- International Journal for Service Learning in Engineering, Humanitarian Engineering and Social Entrepreneurship, 2016**

#### **HONORS AND AWARDS**

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HENAAC Vanguard Award. *October, 2016.*

University of Southern California Viterbi School of Engineering  
Dean's Special Service Award. *May 2010*

EDUCARE Doctoral Fellowship

#### **COURSES TAUGHT AT USC**

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EDUC 642: Controversies in Learning and Instruction  
EDPT 642: Measurement Theory

EDUC 525: Challenges in Urban Education-Learning  
EDUC 713: Issues in Human Development  
EDUC 511: Reading and Writing Methods For Elementary Teaching  
EDUC 503: Teaching and Learning in US Schools  
EDPT 310: Parental Influences on Children's Education Development  
EDUC 520: Foundations of Language Education  
EDUC 792: Critique of Research in Education  
EDUC 790: Doctoral Research Design  
EDUC 794: Doctoral Dissertation  
CTSE 528: Foundations of Reading Instruction  
CTSE 529: Teaching of Writing: Research and Practice  
CTSE 534: Diagnosis of Reading Disability  
CTSE 535: Remediation of Reading Disability  
CTSE 593: Master's Seminar  
CTSE 586: Typical and Atypical Infant and Child Development  
CTSE 587: Public Policies and Service Delivery Systems in Early Intervention  
CTSE 579: Directed Teaching and Methods in Early Childhood Settings Including Special Education  
EDCO 580: Working with Families of Children With Special Needs

Dissertation Committees Chaired:

Felicia Curry, Mikya Mori, NaiYing Chang, Chia-heng Chen, JiHyun Park, Nancy Guirguis, Kimberly Shotwell, Janice Myck-Wayne, LaShawn Moore, Ting Ching, Julie Huang, Veronica DelRio, Aubrey Bird, Julia Johnson, Deborah Hamm, Veronica Placencias, Julie Reese, Anita Webb, Alex Pierre, Young Mi Park

Post-Doctoral Mentorship

Amy Ardell: 2006-2007, Youn Oh: 2007, Katie Moulton: 2011-12, Nancy Guirguis: 2011-2012, Shaobo Huang 2012- 2014, Svetlana Levonisova: 2012-January 2016

**PROFESSIONAL CONSULTATION /BOARD MEMBERSHIP**

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**San Gabriel Pomona Regional Center-** Executive Board 2017 to Present  
Executive Committee, Board Treasurer [2017- Present]  
Legislative Committee [2016-Present]  
Strategic Development Committee, Chair [2017-Present]

**Los Angeles Chamber of Commerce Member-** STEM Hub: [2014-Present]

**CEEMS Math Science Partnership:** University of Cincinnati [2013-2017]

**CEEL: NSF QUEST Advisory Board-**Loyola Marymount University [2015-Present]

**Quality of Life Engineering Research Center** Education and Outreach Advisory Board- Carnegie Melon University [2008-2015]

**First 5 of Los Angeles:** Advisory Council [2009-2014]

**CIAN Engineering Research Center** Education and Outreach Advisory Board- University of Arizona [2010-2014]

**FREEDM Engineering Research Center** Education and Outreach Advisory Board- University of North Carolina [2012-2014]

**Gamedesk Advisory Board** [2009-2011]

**PROFESSIONAL ORGANIZATIONS AND ASSOCIATED SERVICE**

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American Education Research Association (AERA)

*2013, 2014, 2015 and 2016: Division K: Awards Committee Chair*

*2011 and 2012 Program Committee Division K: Section I- STEM Program Chair*

American Association for the Advancement of Science (AAAS)

American Evaluation Association (AEA)

American Society of Engineering Education (ASEE)

Institute of Electrical and Electronics Engineers (IEEE)

Council For Exceptional Children (CEC)