

May 2018

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Google Scholar: <https://scholar.google.com/citations?user=uht9hQ8AAAAJ&hl=en>

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## EDUCATION

Arizona State University, Tempe, Arizona, Ph.D. (1995) Philosophy

Cognate in Curriculum & Instruction

*Dissertation: A Component Analysis of Computer-Aided Instructional Design*

Arizona State University, Tempe, Arizona M.A. (1992) Special Education

Arizona State University, Tempe, Arizona, B.A.E. (1990) Magna Cum Laude,  
Special Education Major, Psychology Minor

## ADMINISTRATIVE POSITIONS

**Executive Director**, The Institute for Innovation in Education, American University, June 2009 – Present

**Director**, Special Education programs (MA in Special Education: Learning Disabilities and the Minor in Special Education) January 2008 – present

**Dean**, School of Education, Teaching and Health, American University. August 2002 – August 2015

**Director**, Office of Teacher Education, School of Education, Teaching & Health, American University, September 2011 – May 2012

**Technology Coordinator**, The Lab School of Washington, Washington, DC September 1995 – January 2004

## ACADEMIC AND TEACHING POSITIONS

**Associate Professor**, School of Education American University, May 2002 – Present

**Affiliate Faculty**, Behavior, Cognition and Neuroscience PhD program, Department of Psychology, American University, May 2017 – present

**Affiliate Faculty**, Department of Mathematics and Statistics, American University, June 2008 – Present

**Faculty Associate**, Center for Research on Collaboratories and Technology Enhanced Learning Communities (COTELCO)

**Assistant Professor**, American University, School of Education. August 1995 – May 2002

**Graduate Research Assistant**, Arizona State University, Tempe, Arizona. August 1992 -May 1995

**Community College Adjunct Instructor**, Mesa and Chandler Gilbert Community Colleges. August 1993 - August 1995

**Behavior Support Specialist and Teacher**, Devereux Residential Treatment Center, May 1992 - August 1995

**Special Education Teacher**, preK-3 Cross-Categorical Resource Programs Kyrene del Norte Elementary School, Kyrene School District, Tempe, Arizona. August 1990 - June 1993

## HONORS, AWARDS, & APPOINTMENTS

- International Dyslexia Association, DC Board of Directors (2018- 2021)
- Council for the Accreditation of Educator Preparation (CAEP), Site Visitor, (2016 – )
- Emerald Literati Network Award for Excellence Highly Commended Paper for “Associations between grades and physical activity and food choices: Results from YRBS from a large urban school district” published in *Health Education 2015 Vol 115*.
- National Science Foundation (NSF), Reviewer (2011- )
- Advisory Board, Math for America- DC, Carnegie Institute of Washington (2009-)
- Betty T. Bennett Faculty-Scholar Administrator Award (The award recognizes a member of the AU College faculty who is an exemplary scholar and administrative leader) 2015
- Joint Advisory Board, Center for Research on Collaboratories and Technology Enhanced Learning Communities (COTELCO) – Univ. of Michigan, Syracuse University, American University
- National Association for Alternative Certification, Research Award, 2014
- AERA Vice presidential invited panel keynote for Division H, 2013
- AU2030 Award (American University): Global Disability Policy, Technology & Education. With Derrick Cogburn and Lauren DeNardis 2013
- The Siena School, Silver Spring, Maryland Key Supporter, October 2011
- Washington DC Office of the Mayor, One-City Performance Review, Higher Education Representative, (July – December 2011)
- Faculty Research Award, American University, Spring 2011
- Plenary Speaker, Deans’ Perspectives on Learning in the Digital World, 24th Bled eConference, with Deans Bill Mayer and Michael Ginzberg, May 2011
- Keynote Speaker, NSF Noyce Annual Conference, July 2010
- Board of Directors, Center for Inspired Teaching 1996-2007
- Advisory Board, Calvary Bilingual Multicultural Learning Center, Columbia Heights, Washington DC. 1998-2008
- Teaching with Technology Faculty Award, American University, Spring 2004
- White House Committee on Technology in Education, Member, 1996

## FUNDED EXTRAMURAL RESEARCH

District of Columbia, Office of the State Superintendent for Education: **Healthy Tots: Integrating Health Education into Early Childhood Centers**. Role: co-PI with Anastasia Snelling, Department of Health **\$200,000**, March 2018 to September 2019.

District of Columbia, Office of the State Superintendent for Education: **Master Teacher Cadre Secondary Special Education Cadre**. Role: PI **\$142,861**, October 2017 to June 2018.

US Department of Agriculture, National Institute of Food & Agriculture: **Healthy Schoolhouse 2.0: Teachers and Parents Working Together to Improve Student Health** Role: co-PI with Anastasia Snelling, Department of Health Studies **\$900,000** March 2017 to February 2021.

District of Columbia, Office of the State Superintendent for Education: **Master Teacher Cadre Secondary Special Education Cadre**. (Role: coPI with Alida Anderson, School of

Education) **\$142,861**, January to June 2017.

District of Columbia, Office of the State Superintendent for Education: **Master Teacher Cadre Summer Institute**. (Role: PI) \$409,195, May 2015 - May 2016.

District of Columbia, Office of the State Superintendent for Education: **Math Science Partnership**. (Role: Co-PI with Angela VanDoorn, Biology and Christine Pondell, Environmental Science) \$189,972, July 2015 to September 2016.

National Science Foundation: Noyce Teaching Fellows: **From the Laboratory to the Classroom** (Role: PI with Co-PIs John Nolan, Math/Stat and Kiho Kim, Environmental Science) \$1,884,606, October 2012 to September 2019.

Toyota Foundation: **Lab2Class**: Science Education program (PI) (\$499,799) June 2012 to December 2019.

Kaiser Permanente Mid-Atlantic States. **DC Healthy Schools Act: Measuring its Impact (Phase 1)**. (Co-PI with Anastasia Snelling) \$20,000. Awarded November 2011.

Kaiser Permanente Mid-Atlantic States. **DC Healthy Schools Act: Measuring its Impact (Phase 2)**. (Co-PI with Anastasia Snelling) \$68,000. Awarded April – September 2012.

National Science Foundation: Noyce Teaching Fellows: **Math for America – DC**, Role PI with Co-PI John Nolan, Math/Stat (1,495,000). June 1, 2009 to May 31, 2015

U.S. Department of Education: Transition to Teaching Program: **Capital Excellence – Recruiting, Preparing and Retaining Talented Urban Teachers** PI (1,800,000), October 2007 to September 2014.

District of Columbia State Education Office: Professional Development Grants in Math and Science: **Mental Models: The DC Institute for Math and Science**. PI (\$103,877) May to September 2006.

U.S. Department of Education: Teacher Quality Enhancement Partnership programs: **Alliance for Quality Urban Education**. PI (\$6,800,000). October 2004 to September 2009.

U.S. Department of Education: Teaching American History: **American Encounters: Teaching History from Indian Country**, Partnership with Gallup McKinley School District, NM, PI (\$1,288,894). October 2004 to September 2007

District of Columbia State Education Agency: Professional Development School Partnerships: **Shared Goals: A Research Project to Identify the Critical Success Factors Common to the Most Effective Professional Development Schools**, PI (\$163,058), May 2004 – April 2006.

U.S. Department of Education: Transition to Teaching: **Transitioning our Provisional Stars** (TOPS), \$2,200,000 PI: January 2004 – May 2007

U.S. Agency for International Development: **Revitalization of Iraqi Schools and Stabilization of Education (RISE)**. (Project Team Member) \$1,234,000. August 2002 to December 2003.

U.S. Department of Education: Preparing Tomorrow's Teachers to Use Technology: **SCALE 2000: Synthesizing Computers, Arts, and Academics for Learning- Disabilities Education**. (coPI with PI Sally L. Smith) \$172,773, October 1999 to September 2000.

Eisenhower Professional Development Institute: **Constructing Knowledge Networks: Integrating Science, Math, Language and Technology in the Middle School Classroom** (PI) \$ 63,900 May to September 2000.

National Science Foundation: Instrumentation and Laboratory Improvement Program **Learning for All Through Laboratory Enhancement**: (Co-PI with Teresa Larkin, Physics) \$52,901 October 1998 to September 1999.

#### **PUBLICATIONS & PRESENTATIONS** (\*indicates student co-author)

##### **Books**

Irvine Belson, S. (2003). *Integrating Technology into Special Education*. Houghton-Mifflin, Boston, MA.

##### **Book Chapters**

Irvine Belson, S., Snelling, A., & Young, J. (2018). The Copious Community: Providing health, education, and domestic supports for students with disabilities in living public housing. *In Lo, L. & Xu, Y (Eds.) Family, School, and Community Partnerships for Individuals with Disabilities*. Springer Education & Language.

Irvine Belson, S. (2018) Hope Courage and Strength in Urban Special Education Classrooms”, in the *ATE Yearbook XXVI*. Association for Teacher Education. ATE

Irvine Belson, S. (2011) Technology, Media, and Disability: Accessibility and Access for All” in “*Education in a technological world: communicating current and emerging research and technological efforts*” Formatex. Badajoz, Spain

Irvine, S.E. (1999). Teaching Future Teachers with Technology in Brown, D. (Ed). *Computer Enhanced Learning in 50 Colleges*. Anker Publishing, Winston-Salem, NC.

Irvine, S.E. (1999). Technology in Education in Sadker, D. *Teachers, Schools, and Society 4th Edition*, McGraw-Hill, Boston, MA

##### **Peer Reviewed Articles** (including Scopus CiteScore rank in Social Science- Education journals unless otherwise noted and when available)

Snelling, A.M., **Belson, S.I.**, Van Dyke, H., Malloy, E. (2017) Measuring the implementation of a school wellness policy. *Journal of School Health, 12(0)*, doi:10.1111/josh.12548 (#89/934)

**Irvine Belson, S.** & Husted, T.A. (2015). State of the States: Maryland. *Journal of Education Finance, 41(2)*. (#740/934)

**Irvine Belson, S.** & Husted, T. A. (2015). Impact of National Board for the Professional Teaching Standards (NBPTS) certification on student achievement. *Education Policy Analysis Archives*, 23(0), 91. <http://doi.org/10.14507/epaa.v23.2074> (#468/934)

Snelling, A. M., **Belson, S. I.**, Watts, E., George, S.\*, Van Dyke, H., Malloy, E., & Kalicki, M.\* (2015). Translating school health research to policy. School outcomes related to the health environment and changes in mathematics achievement. *Appetite*, 93, 91–95. (#11/181 in psychology)

Snelling, A., **Belson, S. I.**, Beard, J.,\* & Young, K.\* (2015). Associations between grades and physical activity and food choices: Results from YRBS from a large urban school district. *Health Education*, 115(2), 141–151. doi:10.1108/HE-03-2014-0028 (#256/934)

**Irvine Belson, S.** and Husted, T. (2014). State of the States: Washington DC. *Journal of Education Finance*, 39(3). (#740/934)

**Belson, S. I.**, Hartmann, D.\*, & Sherman, J.\* (2013). Digital Note Taking: The Use of Electronic Pens with Students with Specific Learning Disabilities. *Journal of Special Education Technology*, 28(2). (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

Snelling, A., Ernst, J., and **Irvine Belson, S.** (2013) Teachers as Role Models in Solving Childhood Obesity, *Journal of Pediatric Biochemistry*. (#207/260 in Child Health)

Snelling, A. **Irvine Belson, S.**, and Young, J. \*(2012). School Health Reform: Investigating the Role of Teachers. *Journal of Child Nutrition and Management*. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

**Irvine Belson, S.** (2011). “Knowledge Consumption and Construction in Special Education: Wiki Learning. *The International Journal of Technology, Knowledge and Society*. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

**Irvine Belson, S.** and Humphries Mardarosian, G. (2009). An Arts-based Pedagogy as a Conduit to a Social Justice, *Current Issues in Education* 12 (10). (#576/934)

Larkin, T. L. and **Irvine Belson, S.** (2005). Blackboard Technologies: A Vehicle to Promote Student Motivation and Learning in Physics, *Journal of SMET Education: Innovations and Research*. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

**Irvine Belson, S.** (2002) Serendipity and the Teachable Moment. *Technos Quarterly: For Education and Technology*. Volume 11:1. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

**Irvine Belson, S.** (2002) “Alice Alone” in Vasquez V., Comber, B., Nixon, H. (Eds.), “Books for Adolescents Column”. *Journal of Adolescent and Adult Literacy* (45) 6. #371/934

**Irvine Belson, S.**, Hein, T. L. & Prejean, A. I. (2001). Constructing Knowledge Networks: Integrating Science, Math, Language, and Technology in the Middle School Classroom.

- Ames, IA. *Journal of Technology in Teacher Education*, 18 (1). (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Laughlin, D.\* & **Irvine-Belson, S.** (2001). Freeing the Monkeys: Making the Ed Tech Course More than Learning to Push Buttons. *Technology and Teacher Education Annual*, 1, 440–444. *Technology and Teacher Education Annual* (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Fox, L. H., **Irvine Belson, S.**, Thompson, D.L. (2001). Teaching Gifted Children: Multiple Intelligences as a Framework in Pre-Service Teacher Education. Manassas, VA: *Gifted Education Quarterly*. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Irvine Belson, S.**, Hein, T.L., Laughlin, D.\* (2000). Different Degrees of Distance: The Impact of the Technology-based Instructional Environment on Student Learning. *Frontiers in Education*, 13(3) pages 6-11. #706/934
- Irvine Belson, S.** and Prejean, A.I. (2000). Technology for the Tiny: Educational Software and the Young Child. *Technology in Teacher Education Annual: Association for the Advancement of Computing in Education*. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Irvine Belson, S.** (2000). What are we talking about? The Impact of Computer-mediated Communication on Student Learning, *Technology in Teacher Education Annual: Association for the Advancement of Computing in Education*. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Irvine Belson, S.** (2000) Technology meets Learning Theory: Practicing what we preach. *Technology in Education e-journal*. Reston, VA. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Smith, S.L. and **Irvine Belson, S.** (1999). Technology, The Lab School Way: A Multisensory Empowering Experience for Students with Severe Learning Disabilities and ADHD. *Learning Disabilities: A Multidisciplinary Journal*, 9 (3). (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Irvine Belson, S.** and Prejean, A.J. (1999). Evaluating Mathematics Software for Young Children. *Curriculum Technology Quarterly* 8 (3) (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Irvine Belson, S.** and Barlow, J. (1999) The digital portfolio in education: An innovative learning and assessment tool. *Information Technology and Teacher Education*. 14 (2). (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)
- Hein, T.L. and **Irvine Belson, S.** (1998) On-line Learning for Non-Science Majors 1998 American Association of Physics Teachers Conference, Lincoln, Nebraska. *AAPT Announcer*, Vol. 28, No. 2, p. 82. (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

Prejean, A.I. and **Irvine Belson, S.** (1998). Techy Toddlers: Computers, Mathematics, and the Young Child. *Tel Ed 1998 Proceedings*, (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

**Irvine Belson, S.** and Hein, T.L. (1998). Technology for students with Diverse Learning Needs. 1998 American Association of Physics Teachers Conference, Lincoln, Nebraska. *AAPT Announcer, Vol. 28, No. 2, p. 86.* (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

Barlow, J. and **Irvine, S.E.** (1997). Managing Digital Student Portfolios. *Journal of the Institute of Operations Research and Management Science (Informs), 13, (1).* (#169/513 in Computer Science Applications)

**Irvine, S E.** (1996) Internet Technology in Education: A Seminar for Teacher Educators, *Journal of Postsecondary Pedagogy, 28,4.* (Not rated by Scopus, Journal Citation Reports, or H-5 Index from Google)

#### **GOVERNMENT REPORTS & MONOGRAPHS**

American University: The Healthy Schools Act of 2010: Building Healthy School Environments. (2016)

American University: Master Teacher Cadre – Institute for Special Education Teachers (2015, 2017, 2018)

American University: *Panamá Bilingüe Training Program for in-service teacher and administrators* (2015, 2016, 2017, 2018). A program for the Ministry of Education, Panamá.

American University. Annual Project Report for *From the Laboratory to the Classroom: Building Capacity for Math and Science Teaching in DC (Lab2Class)* to the NSF Noyce Scholarship Program. 2014, 2015, 2016, 2017

American University. Annual Project Report for *Math for America- DC* to the NSF Noyce Teaching Scholarship Program. 2009, 2010, 2011, 2012, 2013, 2014

American University: *The Art of Architecture: A Visual Arts Curriculum Guide for Elementary and Secondary Grade Classrooms.* 2010

Irvine Belson, S. *Financial Literacy Programming for Youth with Disabilities.* (2008). A report to the U.S. Department of Labor.

Irvine Belson, S. Jones, M.\* and Schellinger, M. (2006). *Facing East: Teaching Traditional American History from a Native Perspective.* Office of Indian Education, Washington, DC.  
[http://www.ed.gov/rschstat/research/pubs/oierresearch/research\\_conf.html](http://www.ed.gov/rschstat/research/pubs/oierresearch/research_conf.html)

American University and the District of Columbia Public Schools *Transition to Teaching Mentor Manual (2005).* A ten-chapter document used in the AU/DCPS Training Program for Classroom Mentors for New Teachers. Funded through U.S. Department of Education: Transition to Teaching Program, Award Number S350B020026

Irvine Belson, S. and Ramos, F (2003). *Training Manual for Master Trainers: Materials for Student Centered Instruction* (114 pages in English) USAID: Baghdad

Vasquez, V, Prejean, A., Irvine Belson, S., Fox, L., Wineburg, M. (2003) Teachers and Students Learning Together: A New Look at Professional Development. *Hawaii International Conference on Education Conference Proceedings*. Honolulu, HI: University of Hawaii.

Larkin-Hein, T., Prejean, A. I., Irvine Belson, S., & Vasquez, V. (2002). Interdisciplinary Teaching & Learning in Middle School Classrooms: A Technology-Rich, Constructivist-Based Approach. *Proceedings from the International Conference on Engineering Education Conference* Manchester, UK

### **Papers under review**

Irvine Belson, S. and Nolan, J. (*Revise & Resubmit*) " Knowledge Matters: The relationship between content knowledge and retention in mathematics teachers", to *Teachers and Teaching: Theory and Practice*, manuscript ID is CTAT-2018-0074. (*Resubmitted on March 7, 2018*)

Irvine Belson, S. (*Revise and Resubmit*) Experimenting with School Choice: Charter School Teachers and the Council for Exceptional Children (CEC) Standards, to the *Journal of Disability Policy Studies*. Manuscript ID is JDPS-08-17-0166. (*resubmission due June 30, 2018*)

Irvine Belson, S. (*Revise and Resubmit*) Exploring Identity and Access to Education for Students with Disabilities: The Role of Technology *Social Inclusion*.

Irvine Belson, S., Snelling, A., & Heap, E.\* (*under review*) Reconsidering Maslow: The role of child health and wellness in classroom practice. *Children and Youth Services Review*. Submission ID is CYSR\_2018\_289

### **Referred Conference Presentations**

Irvine Belson, S. and Bresnahan, C.\* (2018). Digital Note-Taking Strategies for Students with Dyslexia: The Promise and Challenges. Paper to be presented at the *International Dyslexia Association's 2018 Annual Reading, Literacy & Learning Conference, Mashantucket, CT*.

Snelling, A., Irvine Belson, S., and Watts, E. (2018). Healthy Schoolhouse 2.0: A research project to increase nutrition literacy. Poster to be presented at the *Food & Nutrition Conference & Expo, Washington DC*.

Snelling, A., Irvine Belson, S., and Watts, E. (2018). *Preliminary Findings from The Healthy Schoolhouse 2.0*. Paper to be presented at the *Society for Nutrition Education and Behavior's 51<sup>st</sup> Annual Conference, Minneapolis, MN*.

Irvine Belson, S., Newcomer, K., Mumford, S, Sodani, D, & Meltsner, J.\* (2018). Enhancing Fellows' Professional Development Using an Innovative Self-Evaluation Approach. Workshop to be presented at the *2018 Noyce Summit, Washington DC*.

Irvine Belson, S. (2018). Charter School Special Educators: Expressions of Hope, Courage, and Strength, *2018 Association of Teacher Educators Annual Meeting, Las Vegas, NV*



- Irvine Belson, S. and Snelling, A. (2018). Public Education and Health in the US and Cuba: Citizenship and Social Values, *Eastern Educational Research Association Conference, Clearwater, FL.*
- Irvine Belson, S. and Snelling, A. (2017). *Education and Health in Cuba: Connecting Health, Learning, and Citizenship.* 2017 ASHA Annual School Health Conference, *Connecting Health and Learning, St. Louis, MO.*
- Irvine Belson, S., Hartmann, D., and Sherman, J. (2017) Digital pens and note-taking strategies for students with language-based learning disabilities. *CEC 2017 Convention and Expo, Boston, MA*
- Snelling, A., Irvine Belson, S., and Watts, E., (2016) Measuring the Impact of School Wellness Legislation, Paper presented at the *American Public Health Association, Baltimore, MD.*
- Irvine Belson, S., and Snelling, A. (2015). Washington DC's Healthy Schools Act: The Relationship between School Health and Educational Opportunity. *Paper presented at the 2015 American Educational Research Conference, Chicago. IL*
- Irvine Belson, S. and Husted, T. (2015). The Impact of National Board for the Professional Teaching Standards Certification on Student Achievement. *Paper presented at the 2015 American Educational Research Conference, Chicago. IL*
- Snelling, A., Irvine Belson, S., Watts, E., Katz, N. (2014). A School District/University Partnership to address childhood obesity. *Paper presented at the American Public Health Association Meeting, New Orleans, LA.*
- Irvine Belson, S. (2013). School Context and Teacher Retention in Urban Settings: The Case in Washington DC. Paper presented at the *2013 Annual Meeting of the American Educational Research Association (AERA), San Francisco, CA.*
- Irvine Belson, S. and Solomon, G.\* (2012). TPACK in Special Education. Paper presented at the *Council for Exceptional Children 2012 (CEC) Convention and Expo Denver, CO.*
- Keynes, M. Nolan, J. and Irvine Belson, S. (2011). Advanced Topics in High School Mathematics: Enrichment or Advancement: *The 2011 NSF Noyce Conference, Washington, DC.*
- Irvine Belson, S. (2008). The Task Analytic Approach to Behavior Management for Students with Specific Learning Disabilities. 2008 *Council for Exceptional Children (CEC) Convention and Expo, Boston, MA.*
- Irvine Belson, S. (2007). An examination of Professional Development Schools' impact on teacher development. Paper presented at the *American Educational Research Association Conference, Chicago, IL.*
- Jones, M., Irvine Belson, S. and Schellinger, M. (2006). American Encounters: Teaching U.S. History from Indian Country. Paper presented at the *American Educational Research Conference, San Francisco, CA.*

- Irvine Belson, S.E. and Zartman, E. (2005) Interactive Story Telling: Unlocking Language. Paper Presented at the *Learning Disabilities Conference*. Reno, NV.
- Irvine Belson, S and Gervais Sodani, D. (2004) Advancing Technology into the field, Implications for schools. Presented at the *International Society for Technology in Education (ISTE) conference*, Atlanta, GA.
- Sarah Irvine Belson & Teresa L. Larkin (2004, March). *Field-based Technology Education: Just in Time Technology Training*. World Congress on Engineering and Technology Education (WCETE 2004), Santos/Guarjuá, Brazil, Session ET2A.
- Teresa L. Larkin, Sarah Irvine Belson, & Dan D. Budny (2003). Using Interactive Blackboard Chats to Promote Student Learning in Physics. *IEEE/ASEE Frontiers in Education conference*, Boulder, CO.
- Irvine-Belson, S.E., Larkin-Hein, T., Prejean, A. I. (2001) Constructing Knowledge Networks: Integrating Science, Math, Language Arts and Technology in the Middle School Classroom, *Society for Information Technology in Teacher Education*, Orlando, FL.
- Irvine-Belson, S.E., (2001) Beyond Assistants and Adaptations: Using Advanced Technology to meet the needs of students with learning disabilities. *Technology and Media (TAM) Conference* (A division of the Council for Exceptional Children), Albuquerque, NM.
- Irvine, S.E., Hein, T.L., Laughlin, D. (2000). Different Degrees of Distance: The Impact of the Technology-based Instructional Environment on Student Learning. *Frontiers in Education Conference*. San Juan, Puerto Rico.
- Irvine, S.E. (2000) Beyond Remediation: Using Technology for students with Learning disabilities, *National Educational Computing Conference (NECC)*. Atlanta, GA.
- Fox, L.H, Thompson, D. L and Irvine, S. E. (1999, February). Toward a Constructivist-Based Classroom: Integrating Technology and the Standards for Math, Science, and Language Arts. *Association for Teacher Education 1999 Conference*, Chicago, IL
- Irvine, S.E. (1999, March). Teaching Teachers on the 'Net: A study of web use in teacher education. *Society for Information Technology and Teacher Education International Conference (SITE99)*. San Antonio, TX.
- Irvine, S.E. and Prejean, A.J. (1999, March). Uses of Educational Software with Young Children (ages 1-4), *Association for Supervision and Curriculum Development Conference*, San Francisco, CA.
- Irvine, S.E. (1999, April). Teaching (Potential) Teachers on the Web: A Survey of Web-Enhancements in Teacher Education. *1999 American Educational Research Association Annual Meeting*, Toronto, Canada.
- Irvine, S.E. and Hein, T.L. (1999, April). Evaluating the Effectiveness of On-line Discussions in Education, *1999 American Educational Research Association Annual Meeting*, Toronto, Canada.

- Irvine, S.E., Jannasch, A. J., and DiGangi, S. A. (1999, April). The viability of the digital portfolio as an evaluation tool in K-6 Education, *1999 American Educational Research Association Annual Meeting, Toronto, Canada.*
- Prejean, A.I. and Irvine, S.E. (1999, April). Mathematics and the Young Children: Software that Works! *National Council of Teachers of Mathematics (NCTM). San Francisco, CA.*
- Irvine, S.E. (1998, February). Technology Meets Learning Theory: Practicing What We Preach, *Stop Surfing-Start Teaching 1998 National Conference, Myrtle Beach, SC.*
- Jannasch, A., Irvine, S.E. and DiGangi, S.A. (1998, March). Infusing the Internet into Teacher Education: Developing Teacher Education Resources on the Web. *1998 Council for Exceptional Children (CEC) Convention and Expo Minneapolis, MN.*
- Irvine, S.E. and Margolis, A. (1998, August). Research in the Workshop of the Art of Teaching. *American Association of Theater in Education (AATE) 1998 Conference, Chicago, IL.*
- Prejean, A.I. and Irvine, S.E. (1998, October). Techy Toddlers: Technology, Mathematics, and the Young Child. *Tel Ed 1998, New Orleans, LA.*
- Hein, T.L. and Irvine, S.E. (1998, November). Technology as Assessment in Undergraduate Physics Education. *1998 Frontiers in Education Conference Phoenix, AZ.*
- Barlow, J. and Irvine, S.E. (1998, November). Integrating Technology in the Classroom: Good Enough is NOT Good Enough. *Syllabus 1998 Conference, Washington, DC.*

#### **OTHER MEDIA**

- Irvine Belson, S. (2013) Guns, Schools and an important unplanned lesson for teachers. In Valerie Strauss' Answer Sheet blog at [washingtonpost.com](http://www.washingtonpost.com/blogs/answer-sheet/wp/2013/12/12/the-most-important-unplanned-lesson-for-teachers/)  
<http://www.washingtonpost.com/blogs/answer-sheet/wp/2013/12/12/the-most-important-unplanned-lesson-for-teachers/>
- Irvine Belson, S. (2013) Is competition in education killing our sense of community? In Valerie Strauss' Answer Sheet blog at [washingtonpost.com](http://www.washingtonpost.com/blogs/answer-sheet/wp/2013/06/17/will-competition-in-education-kill-our-sense-of-community/)  
<http://www.washingtonpost.com/blogs/answer-sheet/wp/2013/06/17/will-competition-in-education-kill-our-sense-of-community/>
- Irvine Belson, S. (2008 – present). The Special Education Wiki at <http://sped.wikidot.com/>. (Google Analytics report for April 2018 indicates that the site is viewed nearly 5,000 times per month. The site is linked from <http://www.wikipedia.com>)
- Zartman, E. and Irvine Belson, S. (2003). LookItUp: An electronic thesaurus for students with Learning Disabilities. An web-based visual thesaurus created by and for students with learning disabilities.
- Zartman, E. and Irvine Belson, S. (2003). TechWorkShop2Go! A multimedia professional development program for integrating technology in education on CD.

Irvine Belson, S. (2001) "Majoring in Special Education" In Pearson Education Web site.

## **TEACHING RESPONSIBILITIES**

### **American University**

EDU 200/205: Schools and Society

EDU 490/491: Case Studies in Special Education/Internship in Special Education

EDU 499: Student Teaching Seminar

EDU 502/654: Principles of Behavior Management

EDU 519: Uses of Technology in Education

EDU 521: Foundations of Education

EDU 541/643: Foundations of Special Education

EDU 545/655: Overview of Exceptionality: The Arts in Special Education

EDU 560: Advanced Technology in Education

EDU 606: Diagnostic and Remedial Mathematics

EDU 607: Learning & The Brain: Research Seminar in Special Education

EDU 645: Learning Disabilities I

EDU 646: Learning Disabilities II

EDU 799: Doctoral Dissertation Seminar

HNRS 302: Dirty Harry Meets Superman: An Introduction to Disabilities Studies

*This course examined media portrayals and cultural stereotypes of people with disabilities, the social construction of disability, the history of disability, international perspectives on disability, public policy and developmental disabilities, school inclusion, and the experiences of people with disabilities and their families in the community. The interdisciplinary honors course, grounded in work in education, social work, and in the law, will be based on readings from the popular press, and on quantitative, qualitative and ethnographic research.*

HPRM-196: Cuba: Health and Education

*This course offered students the opportunity to study the education and health systems in Cuba, and included a spring break trip to Havana and nearby areas.*

### **Arizona State University**

SPE 222: Orientation to Education of Exceptional Children

SPE 322: Behavior Management and Consultation

Teaching Assistant

TEL 501: Introduction to Research and Evaluation in Education

SPE 598/ SPE 575: Survey and Foundations for Exceptional Students

## **DISSERTATIONS, INTERNSHIPS & INDEPENDENT STUDY SUPERVISION**

Summer 2018

Arauz, Isabel, El Colegio de Panamá Undergraduate Internship

Bresnahan, Christine, PhD Chair, Behavior, Cognition, and Neuroscience (BCAN)

McCloy, Emma, The Lab School of Washington Undergraduate Internship

Thompson, Sarah, MA SELD, Neuropsychological Case Study: Learning and the Brain

Spring 2018

Bresnahan, Christine, PhD Chair, Behavior, Cognition, and Neuroscience (BCAN)

Meek, Megan, MA SELD, Learning and the Brain Independent Study

Arauz, Isabel, The Lab School of Washington Undergraduate Internship

Baum, Samuel, The Lab School of Washington Undergraduate Internship

Bucher, Madelyn, Bethesda Elementary, Undergraduate Internship  
Tesler, Emily, Bethesda Elementary, Undergraduate Internship  
Exley, Shannon, Bethesda Elementary, Undergraduate Internship  
Werner, Jaia, The Lab School of Washington Undergraduate Internship

Fall 2017

Bresnahan, Christine, PhD Chair, Behavior, Cognition, and Neuroscience (BCAN)  
Lewis, Anna Cardoze, The Lab School of Washington Undergraduate Internship  
Chaudhury, Trishla, Kingsbury Day School, Graduate Internship

Summer 2017

Lewis, Grethel, Independent Study, Neuroscience of Language Learning in Students with Learning Disabilities.

Spring 2017

Gillespy, Erica, MA Thesis Advisor, Teaching research methods to postsecondary students with Learning, Attention, and Anxiety Disorders  
Banner, Sydney, Bethesda Elementary, Undergraduate Internship  
Flaggman, April, Bethesda Elementary, Undergraduate Internship  
Green, Tian (Olivia), Bethesda Elementary, Undergraduate Internship  
Kuan, Amanda, Bethesda Elementary, Undergraduate Internship  
Rafter, Olivia, Bethesda Elementary, Undergraduate Internship  
Shetter, Emma, Janney Elementary, Undergraduate Internship

Fall 2016 – Spring 2017

Chaudhury, Trishla, Special Education Clinical Supervisor, The Lab School of Washington, Elementary Program  
Cornwell, Elizabeth, Special Education Clinical Supervisor, The Lab School of Washington, Intermediate Program  
DiBari, Danielle, Special Education Clinical Supervisor, The Lab School of Washington, Elementary Program  
Harris, Claire, Special Education Clinical Supervisor, The Lab School of Washington, Elementary Program  
Lewis, Grethel, Special Education Clinical Supervisor, The Lab School of Washington, Intermediate Program  
Miller, Catherine Grace, Special Education Clinical Supervisor, The Lab School of Washington, Intermediate Program  
Mills, Christina, Special Education Clinical Supervisor, The Lab School of Washington, Intermediate Program  
Pereira, Veronica, Special Education Clinical Supervisor, The Lab School of Washington, Elementary Program  
Reardon, Rebecca (Kate), Special Education Clinical Supervisor, The Lab School of Washington, Elementary Program  
Schwimmer, Lucy, Special Education Clinical Supervisor, The Lab School of Washington, Elementary Program  
Stewart, Darren, Assessment and Evaluation of Social and Behavioral Skills, Independent Study Project

Thompson, Sarah, Special Education Clinical Supervisor, The Lab School of Washington, Intermediate Program

Spring 2016

Billie Case, Honors Capstone for Environmental Education

Fall 2015

Ciarcia, Gabrielle, Special Education Clinical Supervisor, KIPP DC College Prep

Dillon, Brian, Special Education Clinical Supervisor, KIPP DC Key Academy

Harrison, Peter Special Education Clinical Supervisor, DC Bilingual PCS

Van Dam, Abigail Special Education Clinical Supervisor, Stanton ES

Summer 2015

Buckner, Emma, The Lab School of Washington Undergraduate Internship

Dolins, Jessica, The Lab School of Washington Undergraduate Internship

Lipman, MacKenzie, The Lab School of Washington Undergraduate Internship

Rosser, Brittany, The Lab School of Washington Undergraduate Internship

Ulanow, Ethan, Autism Internship and Independent Study Project

Spring 2015

Himmelrich, Abby, Reading and Dyslexia Internship, Aligned to Reading Specialist Standards.

Larigakis, Panayiota, Sienna School Undergraduate Internship

Reardon, Rebecca, The Lab School of Washington Undergraduate Internship

Fall 2014

Fratalli, Matthew: Thesis Supervisor: The Relationship between Expressive Language and Computer programming in children with Language-based learning disabilities.

Grant, Michelle: Thesis Supervisor: Teaching Reading to children with language-based learning disabilities in the mainstream classroom.

Connolly, Annie: Achievement Preparatory School Undergraduate Internship

Spring 2014

Niemann, Samantha: Examining Learning Differences

Rosenstein, Samantha: The Lab School of Washington Undergraduate Internship

Fall 2013

Grigorovich-Barsky, Maya: Thesis Supervisor: Do Fonts Designed Specifically for Those with Dyslexia Really Work? A Quasi-Experimental Study

Vollherbst, Kerry: ABA Therapy Undergraduate Internship

Grob, Elisheva: The Lab School of Washington Undergraduate Internship

Lipinsky, Rebecca: The Lab School of Washington Undergraduate Internship

Patience, Lindsey: Holton Arms Undergraduate Internship

Faett, Julia: Smithsonian National Portrait Gallery Undergraduate Internship

Summer 2013

Halpert, Jaime. The Lab School of Washington Undergraduate Internship

Bloom, Marlo: Community Service for Autistic Adults and Children Undergraduate Internship

Spring 2013

Marin, Hannah, The Lab School of Washington Undergraduate Internship (part 2)  
Bernacki, Haylie: Special Olympic Undergraduate Internship

Fall 2012

Marin, Hannah, The Lab School of Washington Undergraduate Internship  
Topps, Dominique, Classroom Management

Spring 2012

Santos, Carolyn, Language Remediation  
Cheung, Elizabeth, Jumpstart Internship  
Masutani, Jennifer, Jumpstart Internship  
Schwartz, Sara, Childinc, Internship  
Shabman, Alexandra, Early Stages Internship  
Thompson, Barton, Jumpstart Team Leader Internship  
Meshover, Michele, Legal Issues in U.S. Education  
Franz, Nathan, Urban School & Classroom Climate  
Netherton, Mary, A Literature Review of Learning Disabilities Characteristics

Fall 2011

Johnston, Emily, Case Study in Special Education  
Kochy, Jennifer, Case Study in Special Education  
Stocks, Jonathan, Research in Special Education

Spring 2011

Clark, Marjorie, PhD Committee Member: Dissertation: Charter School Teachers' Perceptions of Autonomy, George Washington University  
Courtney, Emily, Foundations of Education  
Woodbury, Meaghan, Education in Emergencies

#### **PROFESSIONAL MEMBERSHIPS**

- American Educational Research Association (AERA)
  - Reviewer for Division K, L conference proposals
- ASCD (formerly the Association for Supervision and Curriculum Development)
- Council for Exceptional Children (CEC) (Divisions: CCBBD, CEC-MR, DLD, TAM)
  - Member: Maryland State Board of Directors (2011- 2015)
- EDUCAUSE, Advisory Member
- International Society for Technology in Education (ISTE)
- Reviewer for the following journals
  - Current Issues in Education
  - educational policy analysis archives
  - Educational Researcher
  - Interventions in School and Clinic
  - Review of Educational Research (RER)

### **PROFESSIONAL EXTERNAL SERVICE**

- International Dyslexia Association, DC Board of Directors, 2018-2021
- Council for the Accreditation of Educator Preparation (CAEP), Site Visitor, November 2015 – present
- National Science Foundation: Panel Reviewer, multiple programs (April 2000 – present)
- Accreditation Review Board Member, DC State Combined Team for the Accreditation of Teacher Education and, 2005-present
- Tenure and Promotion external reviews for promotion to associate professor of special education, October 2002-present
- Lowell School, Panel on Inclusion and Special Education, February 2, 2016
- Association of Governing Boards – Panel Advisor: The State of Teacher Education and the role of Colleges and Universities, January to May, 2016
- Office of the Mayor – DC, One City Performance Review, Full time position focused on early childhood special education regulations and policies (including Medicare Reimbursements and Transportation), July to December, 2011
- DC Jumpstart Campus Champion, June 2011 - 2015
- Office of the State Superintendent - DC, Score Setting Team for Special Education and Initial Licensure Praxis Examinations January 2006 - 2007
- Office of the State Superintendent - DC, Dual Enrollment Task Force June 2007 – June 2009
- Science Fair Judge for schools in the Washington, DC area, including DCPS, DC Public Charter Schools, Arlington, and Montgomery Counties. Spring 1996 – 2002

### **UNIVERSITY SERVICE**

- Member, Search Committee for the University Provost, 2018
- Member, Search Committee for the College of Arts & Sciences' Associate Dean for Research (2017-2018)
- Member, Search Committee, Tenure-track Education Policy and Leadership in SOE (2017)
- Presenter, Teaching, Research, and Technology Workshops, Syllabus So White: Creating Inclusive Classrooms. Center for Teaching, Research & Learning (2017)
- Chair, SOE Assessment Committee (2017-2018)
- Truman Scholarship Preparation Committee, Office of Merit Awards (2015, 2017, 2018)
- Presenter, Ann Ferren Teaching Conference (2005, 2007, 2009, 2012, 2015, 2017)
- Member, SOE Rank and Tenure Committee (2015 – present)
- Larissa Gertsel Critical Literacy Annual Event, co-coordinator, (2007 – present)
- Member, CAS Academic Integrity Code Panel, (1999-present)
- Member, National Wellness Institute Accreditation for the BS and MS inHealth Promotion programs (2013-2014)
- Member, Search Committee, SOE Term Faculty Search, (2016, 2017)
- Member, Search Committee, TESOL Assistant/Associate Professor (2014- 2015)
- Research Systems Innovation Task Force: Foundations Working Group, Chair (2014)
- Member, Search Committee, Director of Athletics and Recreation, (2012-2013)
- Member, Search Committee, Clinical Psychology Assistant Professor, (2011)



- Member, Research and Grants Task Force (2009-2011)
- Member, President's Circle (2009 – 2013)
- Vice-Chair, University Strategic Planning Committee (2008-2009)
- Co-Chair, Faculty Staff Campaign (2006 – 2011)
- Chair, Faculty Senate Committee on Curriculum and Academic Programs (2004 – 2008)
- Member, Faculty Senate (1996-2001, 2004 – 2008)
- Member, University Budget Committee (2006 – 2007)
- Member, Athletics Advisory Committee, (2006 – 2014)
- Chair, Learning Outcomes and Assessment Team (2005 – 2008)
- Member, Committee of Chairs, Deans and Directors, College of Arts and Sciences (2003 – 2015).
- Member, Search Committee for the Director of Athletics and Recreation (2006 – 2007)
- Instructor, Greenberg Seminars (College Teaching Preparation program for PhD Students) (1998 – 2005)
- Presenter, Freshman Service Experience, (2008 – 2010)
- Institutional Research Board, Unit Representative (2002 –2008)
- Chair, Faculty Senate Committee on Information and Technology Services (1996-2001)
- Member, Library Faculty Search Committee (2001-2002)

#### CONSULTANT ACTIVITIES

- Maag, J. (2017). *Behavior Management: From Theoretical Implications to Practical Applications, 3rd Edition*. Cengage, San Francisco, CA. (contributor- technology integration and editorial support)
- U.S. Department of Labor, Office of Disability Employment Policy (July to December 2008). Researcher and policy analyst.
- U.S. Mint 50 State Quarters Program (November 2001 – January 2004) Lesson Plan Reviewer
- Anne Arundel Public Schools (September 1997 to January 2004). “Technical Consultant”. Provided technical support to schools and libraries, and designed teacher training materials to be used in integrating technology into the curriculum.
- District of Columbia, Committee on Government Operations, (June 1997 to January 2004). “Technical Consultant” Universal Access to Schools and Libraries. Provided technical support to schools, and issues therein.
- Sadker, D. (1999). *Teachers, Schools, and Society 4th Edition*, McGraw-Hill, Boston, MA. (contributor- technology integration and editorial support)
- The Marine Corps University, (December 1996 to December 1999). “Teaching Consultant”. Provided information on making military teaching more interactive in order to increase troops retention of academic material.
- Center for Artistry in Teaching (December 1995 to January 2003). “Research Consultant”. Provided training and support in research and data collection to the Workshop in the Art of Teaching program. Trained research assistants in qualitative data collection, supervise data collection and analyze data.
- Arizona Department of Youth Treatment and Rehabilitation (September 1994 to May 1995). “Technology Consultant”. Provided training to teachers in juvenile correctional institution on using laptop computers for productivity, behavioral modification, and internet research.

## **MEDIA APPEARANCES**

- Why Parents should think twice before offering holiday sweets [LA Times](#) December 2017. Also appeared in the [Medical Express](#), [Billings Gazette](#) [The Lincoln Journal Star](#) and [the San Francisco Chronicle](#)
- New Health Care Bill Could Worsen Stigma of Special Education, [the Hill Newspaper](#) July 2017
- Gym Class for all students. [Washington Post](#), August 2016
- Obesity and links to academic performance. [CBS news \(and local affiliates\)](#). April 2015
- Educational Technology in the Classroom for SA2 - [Saudi Arabian, English-language TV](#). May 2014
- National Charter School Resource Center October 2012 E-Newsletter: Recruiting Science and Math Teachers (with Julie Sara Boyd). October 2012.
- The drop in SAT scores: [Channel 9 News Washington DC CBS Affiliate](#): September 2012.
- Voice of America: The Chicago Teachers' Strike and national policy on teacher evaluation systems: September 2012
- Math for America: Investing in the Nation's Human Infrastructure: [The Knowledge Network](#) and the Science [360 News Service](#) with Maxine Singer, president of Math for America DC and president emerita of Carnegie Institution: March 2011
- Planting a SEED: New visions for public charter schools (on SEED Public Charter School, a residential school for minority students in Washington, DC). CBS: 60 Minutes
- AU ponders new Blackboard plug-in tool, The Eagle, American University, November 2009
- Schools of Education Respond to Arne Duncan, CNN: The Situation Room with Wolf Blitzer, October 2009
- Founder of the Lab School, Sally Smith, Washington Times, December 2007
- New Developments in Technology in Education, The Washington Diplomat, February 2006
- Special Education Connections (LRP Publications) Professional Development for Special Education Teachers, July 2002
- Education.com Teachers Using Technology to Enhance Learning, February 2002
- Using Technology to Support Literacy Goals: Maryland Public Television: December 2001
- Integration of Learning Theory into Distance Education: Intraware.com, January 2001
- Distance Education: The Case for Teachers Intraware.com September (2000)
- Viewpoint Discussion: Technology in Education [washingtontimes.com](#), (April 2000).
- National Public Radio, Marketplace (August 1999), The Impact of the "Baby-boom Echo Generation" on Schools
- Chicago Sun Times (August 1998). The Case for Bilingual Education
- National Public Radio, Morning Edition (April 1997). Electronic Portfolios in Alexandria Public Schools
- WTOP Radio, TalkBack (January 1997). The Impact of Technology in Schools
- National Public Radio, Soundprint (October 1996). HyperMedia in Special Education
- The News Hour with Jim Lehrer (November 1995). The Future of Technology in Education