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Education

Ph.D., Instructional Systems Technology with a minor in Educational Research Methods -2006
Indiana University, Bloomington, IN

M.A., Adult Education and Communications Technology -1999
Indiana University of Pennsylvania, Indiana, PA

B.S., Communications Media -1998
Indiana University of Pennsylvania, Indiana, PA

Professional Experience

Founding President & Senior Evaluation Consultant, iEvaluate, LLC
Greensboro, NC (8/10 to Present)

Founder (2017), dangslang.com, an online dictionary of expressions from Spain.

Evaluation Specialist, SERVE Center, University of North Carolina at Greensboro
Greensboro, NC (7/06 to 7/11)

Research Analyst, Davidson County Community College, Institutional Research Services
Lexington, NC (3/05 to 7/06)

Research Coordinator, Indiana University, Disabilities & School Discipline Grant
Bloomington, IN (3/03 to 8/04)

Instructional Consultant, Office of Instructional Consulting, Indiana University
Bloomington, IN (8/00 to 7/02)

Instructional Designer, Indiana University of Pennsylvania, Instructional Design Center
Indiana, PA (2/98 to 5/00)

Sample of Evaluations Managed

Improving Scientific Writing in Undergraduate STEM Classrooms: A Training Program for Students and Teaching Assistants Aided by Information Extraction Technology, National Science Foundation IUSE grant awarded to Wake Forest University.

Case Study of the effectiveness of teaching materials (provided by national textbook company) used to teach Microsoft Word 2016, work commissioned by national textbook company

Mission Possible, USED Teacher Incentive Fund (Cohort 3) Evaluation, Guilford County Schools, Greensboro, NC

North Carolina Math Science Partnership Grant, Mt. Airy City Schools, Mt. Airy, NC.

Evaluation of the Spanish Basic Language Program, University of North Carolina at Greensboro.

Transition to Teaching External Evaluation, USED grant awarded to Guilford County Schools, Greensboro, NC

Winston Salem/Forsyth County Schools, NC, Rigorous Evaluation of USED-funded Magnet Schools Assistance Program, Co-Principal Investigator

Evaluation of a 21st Century Community Learning Center-Atlanta, Georgia

Evaluation of Crystal Island 5, National Science Foundation DRK-12 grant awarded to North Carolina State University

Sample Evaluation Client Reports

Bayonas, H. (2017). *Math and Problem-based/Project-based Learning for Student Success (MAPSS) Year Two (2016-17) Evaluation Report*. Greensboro, NC. iEvaluate, LLC.

Bayonas, H. (2016). *Math and Problem-based/Project-based Learning for Student Success (MAPSS) Year One (2015-16) Evaluation Report*. Greensboro, NC. iEvaluate, LLC.

Bayonas, H. (2015). *GCS-SALA (STEM Alternative Licensure Academy): Year Four (2014-15) external evaluation report*. Greensboro, NC: iEvaluate, LLC.

Bayonas, H. (2015). *Guilford County Schools Mission Possible (TIF3): Year Four (2013-14) external evaluation report*. Greensboro, NC: iEvaluate, LLC.

Bayonas, H. (2015). *GCS-SALA (STEM Alternative Licensure Academy): Year Three (2013-14) external evaluation report*. Greensboro, NC: iEvaluate, LLC.

- Bayonas, H. (2014). *T-test results for Caldwell County 4-6th grade students in "The Wonder Years" character curriculum (2013-2014)*. Greensboro, NC: iEvaluate, LLC.
- Bayonas, H. (2014). Guilford County Schools Mission Possible (TIF3): Year Three external evaluation report. Greensboro, NC: iEvaluate, LLC.
- Bayonas, H. (2014). GCS-SALA (STEM Alternative Licensure Academy): Year Two (2012-13) external evaluation report. Greensboro, NC: iEvaluate, LLC.
- Bayonas, H. (2013). Mission Possible: Crosstabs of attrition with Value Added Data 2007-2012 (confidential report for GCS internal use). Greensboro, NC: iEvaluate, LLC.
- Bayonas, H. (2012). T-test results for Caldwell County 4-6th grade students in "The Wonder Years" character curriculum (2011-12). Greensboro, NC: iEvaluate, LLC.
- Bayonas, H., Montrosse, E., Howard, E., & Yamaguchi, R. (2010). Winston Salem/Forsyth County Schools Rigorous Magnet Evaluation Year 2 Results Brief (2008-09 data): An Extension of the Year 2 Report. Greensboro, NC: The SERVE Center, University of North Carolina at Greensboro.
- Gottschall (Bayonas), H. (September, 2007). Program Evaluation Report for Guilford Education Alliance's Community Computer Lab Partnership Program. Under contract by SERVE.

Peer-Reviewed Publications and Presentations

- Bayonas, H. & Bayonas, M. Evaluating an Elementary/Intermediate Spanish Program, Presentation at the Georgetown University Round Table (GURT), Georgetown University, March 11-15, 2016.
- Bayonas, H. & Bayonas, M. Results from a Process Evaluation of a University Language Program, Presentation at the American Evaluation Association (AEA), Chicago, IL, October 11, 2015.
- García-Bayonas, M. & Bayonas, H. Evaluating a University Spanish Basic Language Program in the United States, Presentation at the 17th World Congress of the International Association of Applied Linguistics (AILA), Brisbane, Australia, August 11, 2014.
- Bayonas, H. & Johnson, T. The Evaluation of a Within-District Licensure Program in North Carolina, Presentation at the National Association for Alternative Certification (NAAC), Orlando, FL, March 13, 2014.
- Bayonas, H. & García-Bayonas, M. Evaluating a Spanish Basic Language Program at a Mid-sized Southeastern University, Presentation at the American Evaluation Association (AEA),

Washington, DC, October 16, 2013 and the North Carolina Association for Research in Education (NCARE), February 21, 2014.

Using Propensity Score Matching in the Evaluation of a Federal TIF grant, presented at the American Association of Evaluation, Orlando, FL, November 11, 2009.

García-Bayonas, M., & Gottschall (Bayonas), H (2008). Class size reduction in the second language classroom. *Estudios de Lingüística Inglesa Aplicada (ELIA)*, 8, 181-203.

Gottschall (Bayonas), H., & García-Bayonas, M. (2008). Student attitudes towards group work among undergraduates in Business Administration, Education and Mathematics. *Educational Research Quarterly*, 32 (1), 3-28.

Student and Faculty Attitudes Towards Group Work in Higher Education: Implications for Teaching, presented at Lilly South Conference on College and University Teaching, Greensboro, NC, Feb 17-19, 2006

The Effect of Class Size Reduction in Second Language Learning, presented at Lilly South Conference on College and University Teaching, Greensboro, NC, Feb 17-19, 2006. Co-presenter with Mariche García-Bayonas.

Ochoa, T.A., Gottschall (Bayonas), H., & Stuart S. (2004). Group participation and satisfaction: Results from a PBL computer-supported module. *Journal of Educational Multimedia and Hypermedia*, 13(1), 73-91.

Ochoa, T.A., Duffy, T., & Gottschall (Bayonas), H. (2003). Problem-based learning multimedia modules: Results in teacher education courses. In A. Vilas, J.A. Gonzalez, & J.M. Gonzalez (Eds.). *Advances in Technology-Based Education: Toward a Knowledge-Based Society*. International Conference on Multimedia ICT's in Education (1774-1779). Badajoz, Spain.

Problem-based learning multimedia modules: Results in teacher education courses, presented at "Advances in Technology-Based Education: Toward a Knowledge-Based Society". International Conference on Multimedia ICT's in Education, Badajoz, Spain, December, 2003. Co-presenter with Theresa Ochoa and Thomas A. Duffy.

Teaching Experience/Workshops Instructed

Adjunct Professor, University of Connecticut, Online Evaluation Certificate Program (5/16 to present)-Teaching "Advanced Program Evaluation" and "Practicum."

Walden University (online)- (6/09 to 1/11)

Instructor- Teaching "Applied Research Methods" for the Ed.D. program

University Research Reviewer/Methodologist- Served as a committee member to ensure that student's methodologies and proposals for Institutional Review Board (human subjects) were in alignment.

Grantee Institute-Providing workshop on formative program evaluation for Mississippi recipients of Enhancing Education Through Technology (E2T2), U.S. Department of Education grant (May 28-30, 2008). Co-presenter with Beth Thrift and Nita Matzen.

Power, P-levels, and Effect Sizes. Research-related professional development session held at annual SERVE All Staff Meeting, July, 2007.

Indiana University, Department of Instructional Systems Technology

Teaching Assistant for R685, Human-Computer Interaction Design (Spring 02)

Responsible for assisting and guiding three groups of three to four graduate students. Provided feedback and grades for their projects.

Indiana University, Department of Instructional Systems Technology

Teaching Assistant (online) for R521_Distance, Instructional Systems Design (Fall 01)

Responsible for assisting and guiding two groups of three graduate students. Provided feedback and grades for students' assignments and projects. Responsible for making updates to the course website.

Indiana University of Pennsylvania, Department of Communications Media

Instructor (Spring 00)

Contracted to redesign and teach the graduate level course, "Instructional Computing Basics"(CM614), in which students learned theories of instructional design, the basics of a computer, how to evaluate software, how to effectively choose technology, the pedagogically sound construction of a WebCT course, basics of Macromedia Flash, and the basics of computer networking. This course was required for students earning their Master's degree in Adult Education and Communications Technology.

Distance Education Registration and Introduction to Oncourse. Two-hour workshop conducted for participants of the Interdisciplinary Collaborative Program to assist them in registering and also to introduce them to Indiana University's online course management system.

Putting Course Materials On-line. Three-hour workshop conducted for faculty using Netscape Composer. Sponsored by the Instructional Design Center, Indiana University of Pennsylvania.

Beginning WebCT. Numerous workshops conducted for faculty using the on-line course development software, WebCT. Workshops are divided into 2-hour segments, designed so faculty can learn what they want and when they want. Sub-topics include: Organizing Icons and Course Tools, Uploading Content, Course Management, and Customizing the Homepage.

Microsoft PowerPoint. Two-hour workshop where participants learn how to create a presentation that includes hyperlinks, graphics, and transitions. Sponsored by the Instructional Design Center, Indiana University of Pennsylvania.

Making Web Pages. A workshop conducted for graduate students in the Department of Student Affairs in Higher Education. Participants learned how to compose web pages consisting of graphics and hyperlinks using Netscape Composer. This workshop also included the FTP process.

IUP Summer Stipend Workshop. Two one-week workshops where faculty were paid to develop WebCT course supplements for their course. Sponsored by the Instructional Design Center, Indiana University of Pennsylvania. Co-taught with three other instructors.

Beginning WebCT, workshop presented at "Technology in Teacher Education Network". Conference sponsored by the Pennsylvania State System of Higher Education Center for Distance Education, Lock Haven University, October, 1999. Co-facilitator with Dennis Ausel

Professional Associations and Volunteering

Research Triangle Park (RTP) Evaluators-Treasurer (2012 to present)
John van Lindley Elementary, Greensboro, NC, PTA Volunteer
North Carolina Association for Research in Education (NCARE)-member
American Educational Research Association-member
American Evaluation Association-member

Certificates and Workshops

Institute for Education Sciences-Cluster Randomized Control Trials Training Institute- June 17-29, 2007, Vanderbilt University

Grantwriting USA, 2-day grant writing workshop, Jamestown, NC (April, 2015)