

**Curriculum Vitae**  
LUIS COLUMNA, Ph.D; CAPE  
University of Wisconsin-Madison

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**Formal Education**

**Texas Woman's University, Denton, Texas**

Doctor of Philosophy in Adapted Physical Education with emphasis in Family Science  
May 2007

Department of Kinesiology

Dissertation: "Perceived Benefits, Patterns, and Constraints of Physical Recreation of Hispanic Families with Children with Disabilities."

Advisor: Dr. Jean Pyfer

**Physical Education Interamerican University of Puerto Rico, Metropolitan Campus**

Master of Arts (Curriculum Design and Instruction: Physical Education) May 2003

Advisor: Dr. Vanessa Bird-Arizmendi

**B.A. University of Puerto Rico, Bayamón Campus**

Bachelor of Arts, May 1998

Major: Adapted Physical Education and K-6 Physical Education

**Professional Experience**

**University of Wisconsin at Madison-Madison WI (2019-present)**

Associate Professor, Department of Kinesiology, School of Education

**Syracuse University-Syracuse NY (2011-2018)**

Associate Professor, Department of Exercise Science, Physical Education, School of Education

**State University of New York- Upstate Medical University (2015-Present)**

Adjunct Professor, Department of Pediatrics

**State University of New York At Cortland**

Physical Education Instructor, Department of Physical Education (2011)

Associate Professor, Department of Physical Education (2010-2011)

Assistant Professor, Department of Physical Education (2007-2010)

Physical Activity Instructor, Migrant Education Outreach Program (MEOP) (2009-2010)

Instructor, Cortland Adapted Swimming Team (CAST) (2008-2010)

**Texas Woman's University, Denton, Texas**

Program Director, Aquatics Program for Learners with Disabilities, Department of Kinesiology (2006-2007)

Physical Education Assistant Instructor, Department of Kinesiology (2005-2006)

Assistant Director, Aquatics Program for Learners with Disabilities, Department of Kinesiology (2005-2006)

Spanish Instructor, Personnel Preparation Grant in Adapted Physical Education, Department of Kinesiology (2004-2005)

**Denton Independent School District, Denton, Texas**

Adapted Physical Educator, Department of Education (2004-2007)

**Caribbean University, Bayamón, Puerto Rico**

Physical Education Instructor, Department of Physical Education (2003)

Softball Coach, Department of Athletics (2003)

**Universidad del Este, Carolina, Puerto Rico**

Adapted Physical Education Instructor, Department of Physical Education (2003)

**Benjamin Franklin Academy, Bayamón, Puerto Rico**

Physical Educator (2003)

**Department of Education, Physical Education, San Juan, Puerto Rico**

Physical Education Intern (2002)

**University of Puerto Rico, Bayamón, Puerto Rico**

Physical Education Assistant, Athletic Department (1997-2000)

**University of Puerto Rico, Bayamón, Puerto Rico**

Track and Field Coach, Athletic Department (1998-2001)

**Honors and Awards**

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| 2018 | Prudence York Compassionate Leader Award  |
| 2018 | Member of the Editorial Board for Disability and Health Journal   |
| 2018 | Financial Gift to the School of Education (Scholarship) from student in the Exercise Science Department: Alyssa Foisy |
| 2018 | Showcased our Research program (Fit Families Program) at the Jim and Juli Boeheim Gala.                               |

- 2018 Showcased in the SOE newsletter and in a PBS segment  
(<https://www.youtube.com/watch?v=Gt2fq3iodgY>)
- 2018 Featured faculty researcher in our Innovation Orange series
- 2017 Member of the Editorial Board for PALAESTRA
- 2017 Trailblazer Award. Syracuse University
- 2017 Keynote speaker McNair Banquet. Syracuse University
- 2016 Granted Tenure at Syracuse University
- 2013 Burton Blatt Institute at Syracuse University Faculty Fellow
- 2011 Distinguished Alumnae. University of Puerto Rico at Bayamon
- 2011 Recipient of the Social Justice and Diversity Young Professional Award from AAHPERD
- 2008 Recipient of the Program of the Year Award from the Adapted Physical Activity Council (APAC)
- 2007 Outstanding Graduate Student Kinesiology Department at Texas Woman's University

### **Textbooks (2)**

#### **2015**

Lepore, M., **Columna, L.**, & Friedlander-Litzner, L. (2015). *Assessments and activities for teaching swimming*. Champaign, Illinois: Human Kinetics.

#### **2011**

**Columna, L.** & Lieberman, L. (2011). *Promoting language through physical education: Using Sign language and Spanish to engage everyone*. Champaign, Illinois: Human Kinetics.

### **Book Chapters (7)**

#### **In press**

Hodge, S., **Columna, L.**, Myers, B., & Street, D., (in press). *The Role of qualitative research in adapted physical activity*. In Hayre & Muller (Eds.), *Enhancing Healthcare and Rehabilitation: The Impact of Qualitative Research*. Taylor & Francis, United Kingdom: London.

Rizzo, T.L., & **Columna, L.** (In press). *Theory of Planned Behavior*. In Hodge, Shapiro, & Haeghele, *The Routledge Handbook on Adapted Physical Education*. Taylor & Francis, United Kingdom: London.

Kozub, F.M., McKay, C.A., & **Columna, L.**, (In press). Research on Attitudes and Beliefs of Parents, Peers, and Teachers. In Hodge, Shapiro, & Haegele, *The Routledge Handbook on Adapted Physical Education*. Taylor & Francis, United Kingdom: London.

**2017**

Russo, N., Luke, M., **Columna, L.**, Heffernan, K., & Ingram, E. (2017). *A community based theatre arts program for adults with disabilities: Finding evidence through research, observation, and individual transformation*. In M. Reason, N. Rowe (Eds.), *Applied Practice: Evidence and Impact in Theatre, Music and Art*. Bloomsbury Methuen: London.

**2016**

**Columna, L.**, Dolphin, M., & McCabe, L. (2016). *Physical Activity and Hispanic Youth: Patterns, Benefits, Constraints, and Future Directions*. In Robinson, Randall, & Harvey. *Critical Pedagogy within Physical Education: Problematizing Sociocultural, Political, and Institutional Practices and Assumptions*. Toronto, Ontario: Canadian Scholars' Press

**2013**

Ortiz-Stuhr, E. & **Columna, L.** Aquatics. On Kasser & Lytle (2nd. Ed.) (2013). *Inclusive Physical Activity*. Champaign, Illinois: Human Kinetics.

**2011**

**Columna, L.** Assessment of Swimming Abilities in Physical Education for Students with Disabilities. In Kowalski, E. & Lieberman, L. (2011). *Assessment for Everyone. Series K-12 Physical Education*. Reston, VA: NASPE.

**Research and Publications (Peer-Reviewed Journal Articles) (36)**

**In press**

- [1] Dolphin, M., Elias-Rebolledo, G.P, Pagan-Lasalle, P., & **Columna, L.** (in press). Physical activity in Cuba: A short-term study abroad experience. Submitted to PALAESTRA.

**2019**

- [2] **Columna, L.**, Streete, D., Dillon, S., Hodge, S.R., Prieto, L., Myers, B.A., Barreira, T., & Heffernan, K. (2019). Parents intentions toward including their children of Children with Visual Impairments in Physical Activity. *Disability and Rehabilitation*. <https://doi.org/10.1080/09638288.2018.1505969>

**2018**

- [4] **Columna, L.**, Streete, D., Hodge, S.R., Dillon, S., Myers, B.A., Prieto, L., Barreira, T., & Heffernan, K. (2018). Parents believe about physical activity and their children with visual impairments. Submitted to *Adapted Physical Activity Quarterly*, 35(4), 361-380.

- [5] Norris, M., Toole, K. & **Columna, L.** (2018). Educating parents in aquatic activities for children with visual impairments. *British Journal of Visual Impairments*, 36(3), 262-273.
- [6] Gasparetti, B.A., Foley, J.T., Yang, S., **Columna, L.**, & Lieberman, L. (2018) Comparison of three interactive video games for youth with visual impairments. *British Journal of Visual Impairments*, 36(1), 31-41.

## 2017

- [7] Heffernan KS, **Columna L.**, Ashby C, Norris M, Myers B, Russo N, & Barreira T. (2017). Physical activity, body mass index and central hemodynamic burden in children with Autism Spectrum Disorder: Preliminary findings. *Journal of Autism and Developmental Disorders*, 18(2) 625-631. doi: 10.1007/s10803-017-3358-z
- [8] **Columna, L.**, Dillon, S., Dolphin, M., Streete, D., Hodge, S.R., Myers, B.A., Norris, M., McCabe, L., & Barreira, T., & Heffernan, K. (2017). Physical activity among families of children with visual impairments and Blindness. *Disability and Rehabilitation*. [doi.org/10.1080/09638288.2017.1390698](https://doi.org/10.1080/09638288.2017.1390698)
- [9] **Columna, L.**, Hodge, S., Samalot, A, Vigo A., & Cervantes, C. (2017). The Hispanic experience in physical education: A qualitative study. *QUEST*. <https://doi.org/10.1080/00336297.2017.1371048>
- [10] Ciampolini, V., **Columna, L.**, Lapolli, B., Tayná Iha, Carter-Grosso, E., Santos- Silva, & Galatti, L. (2017). Quality of life in different competitive level players: A pilot study with wheelchair tennis in Brazil. *Motriz Journal of Physical Education*, 22(4), 1-6.
- [11] **Columna, L.**, Dillon, S., Norris, M., Dolphin, M. & McCabe, L. (2017). Parents perceptions of physical activity experiences for their families with children with Visual impairments. *British Journal of Visual Impairments*, 35(2)88-102.
- [12] **Columna, L.**, Lepore-Stevens, M., & Work, E. (2017) Orientation and Mobility Skills for families of children with visual impairments and blindness in physical activity environments. *British Journal of Visual Impairments*, 35(2)165-177.
- [13] Tunur, T., Richford, K., **Columna, L.** (2017). Moving through possibilities: Using dance for Individuals with Parkinson's disease. *PALAESTRA*, 31(4), 15-20).
- [14] Davis, T., **Columna, L.**, Abdo, A., Russo, N., Toole, K., & Norris, M. (2017). Sensory motor activities training for families of children with Autism spectrum disorders. *PALAESTRA*, 31(3), 35-40.
- [15] **Columna, L.** (2017) Syracuse University Fit families Program: Physical activity program for families of children with visual impairments. *PALAESTRA*, 31(1), 31-38).

**2016**

- [16] **Columna, L.**, Hoyos-Cuartas, L., Foley, J.T., Prado, J.R., Rivera, I., Mora, A.L., Ozols, M.A., Chavarro, D.M., & Del Cid, L.A. (2016). Latin America physical educators' intention to teach individuals with disabilities. *Adapted Physical Activity Quarterly*, 33, 213-232.
- [17] **Columna, L.**, Haibach, P., Fernández-Vivo, M., Lieberman, L., Cordero, I. (2016). Motor development and physical activities for children with visual impairments. *Journal of Blindness Innovation and Research*, 6(1). Retrieved from <https://nfb.org/images/nfb/publications/jbir/jbir16/jbir060102.html> doi: <http://dx.doi.org/10.5241/6-89>

**2015**

- [18] **Columna, L.**, Fernández-Vivo, M., Lieberman, L., & Arndt, K. (2015). Recreational patterns among Guatemalan families with children with visual impairments. *Journal of Physical Activity and Health*, 12(8), 119-1127.

**2014**

- [19] **Columna, L.**, Cook, A., Bailey, J., & Foley, J. (2014). Survey development to assess parental satisfaction with adapted physical education teachers' abilities working with children with autism. *Physical Education and Sport Pedagogy*, 19(5), 481-493.
- [20] Haegele, J., Lieberman, L., **Columna, L.**, & Runyan, M. (2014). Infusing the expanded core curriculum into physical education for children with visual impairments. *PALAESTRA*, 28(3), 44-50.
- [21] **Columna, L.**, Lieberman, L., Lytle, R., & Arnd, K. (2014). Special education terminology every physical education teacher should know. *Journal of Physical Education, Recreation, and Dance*, 85(5), 38-45.
- [22] Lieberman, L., Haegele, J., **Columna, L.**, & Conroy, P. (2014). How students with visual impairments can learn components of the expanded core curriculum through physical education. *Journal of Visual Impairments and Blindness*, 108(3), 239-248.

**2013**

- [23] **Columna, L.**, Fernández-Vivo, M., Lieberman, L., & Arndt, K. (2013). Physical recreation constraints among Guatemalan families with children with visual impairments. *The Global Journal of Health and Physical Education Pedagogy*, 2(3), 225-220.
- [24] Burden, J., **Columna, L.**, Hodge, S., & Martínez -De la Vega, P. (2013). Ethnolinguistically relevant pedagogy: Empowering English language learners in physical education. *Quest*, 65(2), 169-185.

- [25] Perkins, K., **Columna, L.**, Lieberman, L., & Bailey, J. (2013). Parents perceptions of barriers and solutions for their children with visual impairments toward physical activity. *Journal of Visual Impairments and Blindness*, 107(2), 131-142.

## 2012

- [26] Chaapel, H., **Columna, L.**, Lytle, R., & Bailey, J. (2012). Parental expectations about adapted physical education services. *Journal of Special Education*, 47(3), 186-196.
- [27] Roth, K. & **Columna, L.** (2012). Physical education for children with disabilities in segregated classrooms (Viewpoint). *Journal of Physical Education, Recreation, and Dance*, 83(5), 3-4.

## 2011

- [28] **Columna, L.**, Pyfer, J., & Senne, T.A. (2011). Physical recreation among immigrant Hispanic families with children with disabilities. *Therapeutic Recreation Journal*, 45(3), 214-233.
- [29] Roth, K. & **Columna, L.** (2011). Collaborative strategies during transition for students with disabilities. *Journal of Physical Education, Recreation, and Dance*, 82(5), 50-55.

## 2010

- [30] **Columna, L.**, Foley, J., & Lytle, R. (2010). Teachers' attitudes toward multiculturalism. *Journal of Teaching Physical Education*, 29, 295-311.
- [31] **Columna, L.**, Davis, T., Lieberman, L., & Lytle, R. (2010). Determining the most appropriate physical education placement for students with disabilities. *Journal of Physical Education, Recreation, and Dance*, 81(7), 30-37.
- [32] Lieberman, L., **Columna, L.**, Martínez-De la Vega, P., & Taylor, C. (2010). Infusing Sign language and Spanish into physical education. *Journal of Physical Education, Recreation, and Dance*, 81(4), 45-49.
- [33] Morelli, T., Foley, J., **Columna, L.**, Lieberman, L., & Folmer, E. (2010). VI-Tennis: A vibrotactile/audio exergame for players who are visually impaired. Proceedings of the Fifth International Conference on the Foundations of Digital Games (147-154).

## 2009

- [34] **Columna, L.**, Arndt, K., Lieberman, L., & Yang, S. (2009). Using online videos for disability awareness. *Journal of Physical Education, Recreation, and Dance*, 80(8), 19-24.

- [35] **Columna, L.**, Senne, T., & Lytle, R. (2009). Communicating with Hispanic parents of children with disabilities. *Journal of Physical Education, Recreation, and Dance*, 80(4), 48-54.

## 2008

- [36] **Columna, L.**, Pyfer, J., Senne, T., Vélez, L., Canabal, M., & Bridenthall, N. (2008). Parental expectations of adapted physical educators: A Hispanic perspective. *Adapted Physical Activity Quarterly*, 25(3), 228-246.
- [37] Lieberman, L., Lytle, R., & **Columna, L.** (2008). Guidelines for placement of individuals with disabilities. Viewpoint-APAC. *Journal of Physical Education, Recreation, and Dance*, 79(9), 7-8.

## 2004

- [38] **Columna, L.** (2004). Dolphin therapy for children with disabilities. Project Inspire Webpage, Texas Woman's University. <https://www.twu.edu/inspire/dolphin-therapy.asp> Denton, Texas.

## **Instructional Publications (4)**

## 2015

- [39] Abott, C., Abt, A.M, Anderson, L., Bostwick, R., **Columna, L.**, Davis, T., Dennison, R., & Dosa, N. et al (2015). How to create an inclusive walking club.

## 2012

- [40] Dosa, N., **Columna, L.**, Davis, T., Foley, J., & Garver, K. (2012). Fit families group visits: Promoting physical activity for kids with spina bifida. (Educational Manual) Spina Bifida Center of Central New York, SUNY UPSTATE Golisano Children's Hospital: Syracuse, NY.

## 2010

- [41] **Columna, L.**, Dosa, N., Davis, T., Foley, J., & Garver, K. (2010). Fit families group visits: promoting physical activity for kids with spina bifida (Educational DVD). Spina Bifida Center of Central New York, SUNY UPSTATE Golisano Children's Hospital: Syracuse, NY.

## 2009

- [42] Cleary, D., Mcallister, C., Dosa, N., Liptack, G., Davis, T., **Columna, L.**, Foley, J. (2009). Orientation and Mobility (Consultant on Educational DVD). Spina Bifida Center of Central New York, SUNY UPSTATE Golisano Children's Hospital: Syracuse, NY.



### **Research and Publication in Progress (submitted and currently under review) (6)**

- [43] Tunur, T., Rickford, K., DeBloise, A., Horton, E., & **Columna, L.** (under review). Augmented reality-based dance intervention for individuals with Parkinson's Disease. Submitted to: *Plos one* (Spring 2018).
- [44] **Columna, L.**, M., Dotger, & Norris, N., (under review). Can she participate? Examining Physical Education Teacher Candidates' support of students with visual impairments through a clinical simulation. Submitted to: *British Journal of Visual Impairments* (Summer 2018).
- [45] Heffernan, K.S, **Columna, L.**, Prieto, L. Keller, A., Pagan, P., DeBlois, J., Revollo, G., Myers, B.A., Russo, N., and Barreira, T. (under review). Home and office blood pressure assessment in children with autism spectrum disorder: A feasibility study. Submitted to: *Developmental and Behavioral Pediatrics* (Summer 2018).
- [46] Rocco-Dillon, S., **Columna, L.**, Corcoran, N., Bailey, J., & Davis, T. (under review). Physical Education Teacher Candidates' Perspectives on Learning to Teach Students with Disabilities: A Qualitative Analysis. Submitted to: *International Journal of Disability, Development, and Education* (Fall 2018).
- [47] **Columna, L.**, Prieto, L., Elias, G., & Haegele, J.A. (under review). The Perspectives of Parents of Youth with Disabilities Toward Physical Activity: A Literature Review. Submitted to: *Disability and Rehabilitation* (Fall 2018).
- [48] Prieto, L., Haegele, J.A, & **Columna, L.**, Dance Programs for School Age Individuals with Disabilities: A Systematic Review. Submitted to: *Disability and Rehabilitation (Fall 2018)*

### **Funded Research Grants**

Jim and Juli Boeheim Foundation (Columna) Aug 2017-July 2018  
SU Fit Families: A Physical Activity Program for Children with Autism.  
This study identified the effect of a face-to face and a homebased intervention on the acquisition of motors skills of children with ASD.  
Role: PI (\$10,000)

Syracuse University, School of Education (Columna, Heffernan, Barreira) Jan 2018-July 2018  
SU Fit Families Program: Texas Edition  
This study identified physical activity levels of children with ASD. A second purpose of this study was to assess the feasibility of a home-based blood pressure measurement.  
Role: PI (\$4,900)

Jim and Juli Boeheim Foundation (Columna) Aug 2016-July 2017  
SU Fit Families: A Physical Activity Program for Children with Autism.  
This study identified the effect of a physical activity interventions on the acquisition of motors skills of children with ASD.  
Role: PI (\$12,000)

Syracuse University, School of Education (Heffernan, Columna, Barreira) Jan 2016-July 2016  
SU Fit Families Program.  
This study identified measured the cardiovascular health of children with Autism Spectrum Disorders.  
Role: Co-PI (\$3,000)

Syracuse University, University College; Innovative Program Development (Columna, Carter-Grosso) Jan 2016-July 2017  
SU Fit Families Program.  
The purpose of this grant was to develop an online course related to the instruction of the Spanish Language for physical activity and health professionals.  
Role: Co-PI (\$9,689)

Jim and Juli Boeheim Foundation (Columna) May 2015-July 2016  
SU Fit Families: A Physical Activity Program for Children with Autism.  
This study identified the effect of a physical activity interventions on the acquisition of motors skills of children with ASD.  
Role: PI (\$10,000)

Cornell University- Global Learning Education Faculty Fellows program (Columna) Aug 2015-May 2016  
Developing Culturally Relevant Teachers  
The purpose of this study was to identify strategies to enhance culturally responsive pedagogies of physical activity progressions.  
Role: PI (\$1,000)

Jim and Juli Boeheim Foundation (Columna) May 2013-July 2014  
SU Fit Families: A Physical Activity Program for Children with Visual Impairments.  
This study identified the effect of a physical activity interventions on the acquisition of motors skills of children with visual impairments.  
Role: PI (\$5,000)

Office of Special Education Programs-Department of Education. (PI: Silliman French) Jan 2015-present  
Texas Woman's University. Teacher Preparation Grant.  
The purpose of this grant was to fund Highly Qualified Effective Masters' Level Scholars in Adapted Physical Education to Serve Students with Low-Incidence Disabilities.  
Role: Consultant

Green Family Foundation, Open Area Support System (OASUS). (Dosa, Neville, Davis, Columna) May 2014  
Portable Mobility Aid for Children (PUMA) for Ballet for All.  
The purpose of this grant was to purchase mobility equipment to develop dance program for children with Spina Bifida.  
Role: Co- PI (\$21,000)

Central New York Community Health Foundation. (Dosa, Neville, Davis, Columna) May 2014  
Kidwalks for Ballet for All.  
The purpose of this grant was to purchase mobility equipment to develop dance program for children with Spina Bifida.  
Role: Co- PI (\$18,000)

New York State Developmental Disabilities Planning Council. (Dosa, Davis, Columna, Foley) Aug 2014- May 2017  
Inclusive Fitness Initiative.  
The purpose of this grant was to develop an intervention to promote fitness among young adults with developmental disabilities ages 18-25.  
Role: Co- PI (\$150,000)

Central New York Community Foundation (Columna) Jan 2013-Dec 2013  
A Physical Activity Program for Children with Visual Impairments.  
This study identified the effect of a physical activity interventions on the promotion of physical activity among children with VI.  
Role: PI (\$14,300)

Christopher Reeves Foundation (Columna, Dosa) Jan 2010-Dec 2010  
Fit Families Group Visits Program.  
This study identified the effect of a physical activity interventions on the promotion of physical activity among children with Spina bifida. As part of this grant we developed a manual of procedure on how to develop a PA intervention for this group.  
Role: Co-PI (\$6,000)

State University of New York at Cortland (Columna) May 2010  
Faculty Development Committee.  
The purpose of this grant was to cover travel expenses to attend a national conference to present research findings.  
Role: PI (\$250)

Children's Miracle Network grant. (Dosa, Davis, Columna, Foley) Jan 2009  
Group Visits for Children with Spina Bifida.  
The purpose of this grant was to develop a collaborative program for children with Spina Bifida. This program includes physical activity, medical visits, nutrition, and physical therapy evaluations.  
Role: Co-PI (\$5,000)

State University of New York at Cortland (Columna) May 2009  
Faculty Development Committee.  
The purpose of this grant was to cover travel expenses to attend a national conference to present research findings.  
Role: PI (\$500)

State University of New York at Cortland (Columna) May 2009  
Faculty Development Committee.  
The purpose of this grant was to support travel expenses for an undergraduate student to attend a national conference to present research findings.  
Role: PI (\$500)

State University of New York at Cortland (Columna) May 2009  
Individual Development Award.  
The purpose of this grant was to cover travel expenses to attend a national conference to present research findings.  
Role: PI (\$298)

American Legion Auxiliary. (Dosa, Davis, Columna, Foley) Aug 2009  
Group Visits for Children with Spina Bifida.  
This study identified the effect of a physical activity intervention on the promotion of physical activity among children with Spina bifida.  
Role: Co-PI (\$2,500)

State University of New York at Cortland (Columna) May 2008  
Individual Development Award.  
The purpose of this grant was to cover travel expenses to attend a national conference to present research findings.  
Role: PI (\$304)

Office of Special Education Programs-Department of Education. (PI: Lytle) Aug 2008-Aug 2009  
California State University at Chico. Teacher Preparation Grant.  
The purpose of this grant was to fund Masters' Level Scholars in Adapted Physical Education.  
Role: Consultant

State University of New York at Cortland (Columna) July 2008  
Individual Development Award.  
The purpose of this grant was to cover travel expenses to attend a national conference to present research findings.  
Role: PI (\$500)

**Research Grants: Proposed**

Mazda Foundation (Columna)

A Physical Activity Program for Children with Autism \$10,000.

The purpose of this study was to design and implement a physical activity program for children with Autism and their parents.

Role: PI

Submitted Summer 2017

Flutie Foundation (Columna)

A Physical Activity Program for Children with Autism \$10,000.

The purpose of this study was to design and implement a physical activity program for children with Autism and their parents.

Role: PI

Submitted Summer 2017

United States Department of Defense (Columna, Heffernan, Russo, Barreira)

A collaborative Physical Activity Program for Children with Autism and their Parents \$10,000.

The purpose of this study was to design and implement a physical activity program for children with Autism and their parents.

Role: Co-PI

Submitted Summer 2016

Syracuse University-School of Education (Columna)

A Physical Activity Program for Children with Autism.

The purpose of this study was to design and implement a physical activity program for children with Autism and their parents.

Role: PI

Submitted January 2016

Riesman Foundation (Columna)

Syracuse University Fit Families Program.

The purpose of this study was to design and implement a physical activity program for children with Autism and their parents.

Role: PI

Submitted January 2016

Autism Speaks (Columna)

Syracuse University Fit Families Program.

The purpose of this study was to design and implement a physical activity program for children with Autism and their parents.

Role: PI

Submitted August 2015

Flutie Foundation (Columna)

A Physical Activity Program for Children with Autism \$10,000.

The purpose of this study was to design and implement a physical activity program for children with Autism and their parents.

Role: PI

Submitted August 2015

Syracuse University-Office of Research and Internal Grant Program (Columna)

A Physical Activity Program for Children with Autism.

The purpose of this study was to design and implement a physical activity program for children with Autism and their parents.

Role: PI

Submitted August 2015

Christopher Reeves Foundation (Columna, Dosa)

Fit Families Group Visits Program

The purpose of this study was to design and implement a physical activity program for children with physical disabilities.

Role: Co-PI

Submitted January 2013

Snow Foundation (Columna, Dosa)

Fit Families Group Visits Program

The purpose of this study was to design and implement a physical activity program for children with physical disabilities.

Role: Co-PI

Submitted January 2013

Christopher Reeves Foundation (Columna, Dosa)

Fit Families Group Visits Program

The purpose of this study was to design and implement a physical activity program for children with physical disabilities.

Role: Co-PI

Submitted January 2009

### **List of Invited International Presentations (conferences and Workshops) (12)**

**Columna, L.**, Elias, G., Prieto, L. (2018). Inclusion of Students with Disabilities. Presented at the 3<sup>rd</sup> International Symposium of Adapted Physical Activity. Brasilia, Brazil.

**Columna, L.**, Elias, G., Prieto, L. (2018). Working with Parents of Students with Disabilities. Presented at the 3<sup>rd</sup> International Symposium of Adapted Physical Activity. Brasilia, Brazil.

**Columna, L.** (2015). Exercise, Sports, and Physical Therapy in Hemophilia. Presented at the India Inclusion Summit. Bangalore, India.

**Columna, L.** (2015). Syracuse University Fit Families: A Physical Activity Program for Children with Disabilities and their Families. Presented at the India Inclusion Summit. Bangalore, India.

**Columna, L.** (2014). Pervasive Developmental Disorders & Sensory Integration. (A four-day workshop) (8 hours each workshop). Helwan University, Egypt.

Lieberman, L. & **Columna, L.** (2011). Support staff in physical education: How to Utilize Paraeducators and Peer Tutors se. A sixteen (16) hour workshop for adapted physical educators. Caguas, Puerto Rico.

**Columna, L.** (2010). Trabajando en Colaboración con los Familiares de Individuos en Condición de Discapacidad: Promoviendo la Actividad Física en las Escuelas y la Comunidad [Working in Collaboration with Families of Individuals with Disabilities: Promoting Physical Activity at School and in the Community]. 3er Congreso Internacional de Discapacidad. Bogotá, Colombia.

**Columna, L.** (2010). Activity Modifications for Children with Disabilities. Six (6) hour workshop for regular physical educators and aides. Bogotá, Colombia.

**Columna, L.** (2010). Activity Modifications for Children with Disabilities Activity modifications for children with disabilities. Four (4) hour workshop for regular physical educators and aides. Bogotá, Colombia.

**Columna, L.** (2010). Successful Interventions/Strategies In Adapted Physical Education Settings. 1<sup>st</sup> International Symposium of Paralympic Sport and Adapted Physical Activity. Bogotá, Colombia.

**Columna, L.** (2010). Women, Disability, and Sport. 1<sup>st</sup> International Symposium of Paralympic Sport and Adapted Physical Activity. Bogotá, Colombia.

Lytle, R., Hodge, S., **Columna, L.**, & Sonoja, A. (2009). Status of PE/APE In California, Ohio, New York, And Venezuela. Three (3) hours presentation. Congress of Inclusive Physical Education. Bayamon and Cayey, Puerto Rico.

### **List of International Presentations (Conferences and Workshops) (17)**

**Columna, L.**, Dillon, S., Norris, M., Toole, K., C., Barreira, T., & Heffernan, K. Physical Activity Experiences Among Families of Children with Visual Impairment And Blindness. Presented at the National Federation of Adapted Physical Activity held in Canada (Fall 2016).

**Columna, L.**, Dillon, S., Norris, M., Russo, N., Myers, B., Ashby, C., Barreira, T., & Heffernan, K. The Role of Interdisciplinary Interventions for Children with Disabilities: Physical Activity Programs for Children with Autism. Presented at the National Federation of Adapted Physical Activity held in Canada (Fall 2016).

**Columna, L.**, Norris, M., \*\*McCabe, L., Fernández-Vivo, M., & Cordero. I. (2014). Physical Activity Among Parents of Children With Visual Impairments. European Congress of Adapted Physical Activity, Madrid, Spain.

**Columna, L.** (2012). Including Parents of Children With Disabilities Into Physical Education Programs: From the Theory To Practice. North American Federation of Adapted Physical Activity (NAFAPA). Birmingham, Alabama.

Hoyos-Cuartas, L., **Columna, L.**, Foley, J., Mora, A., Ozols, M., Prado, J., & Álvarez del Cid, L. (2011). Determinación De Actitudes De Los Educadores Físicos En Relación Con La Enseñanza De Niños Y Jóvenes En Condición De Discapacidad En La Escuela [Teachers' Attitudes Toward Teaching Children with Disabilities in School Settings]. Expomotricidad Congress. Medellín, Colombia.

**Columna, L.** (2010). Promoviendo la actividad física y los deportes para individuos con espina bífida y sus familias [Promoting physical activity and sports among individuals with Spina bifida and their families]. 2ndo Congreso de la Asociación Latinoamericana de Estudios Socioculturales del Deporte. Maracay, Venezuela.

**Columna, L.** (2010). Successful Interventions/Strategies in Adapted Physical Education Settings. 2ndo Congreso de la Asociación Latinoamericana de Estudios Socioculturales del Deporte. Maracay, Venezuela.

**Columna, L.** (2010). Educación Física Para Todos: Modificando Actividades Físicas Que Faciliten El Proceso De Inclusión De Los Niños Y Jóvenes Con Discapacidad Que Asisten A Escuelas Regulares [Physical Education For All: Modifying Physical Activities that Facilitate the Process of Inclusion for Children and Youth with Disabilities in Inclusive Settings]. 2ndo Congreso de la Asociación Latinoamericana de Estudios Socioculturales del Deporte. Maracay, Venezuela.

Lytle, R., **Columna, L.**, & Foley, J. (2009). Adapted and General Physical Educators' Attitudes Toward Multiculturalism. 17<sup>th</sup> International Symposium of Adapted Physical Activity. Gävle, Sweden.

MacBlane, M., Garver, K., Hodge, Mahunik, A., Davis, T., **Columna, L.**, Foley, J., Dosa, N., & Liptak, G. (2009). A Group Visit Model Program for Children with Spina Bifida. First World Congress on Spina Bifida Research and Care. Orlando, Florida.

Liptak GS, Foley JT, Dosa NP, Cleary D, Welch TR, & **Columna L.** (2007). A Group Visit Model Program for Children Who Are Blind/Visually Impaired. Presented at the annual meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Vancouver, Canada.

**Columna, L.**, Pyfer, J., Senne, T., Vélez, L., Bridenthall, N., & Canabal, M. (2007). Collaboration Between Hispanic Families with Children with Disabilities And Adapted Physical Education Professionals. 16th International Symposium of Adapted Physical Activity. Rio Claro, Brazil.



**Columna, L.**, Pyfer, Senne, T., Davis, R., & Nichols, D. (2007). Perceived Benefits, Constraints, And Patterns of Physical Recreation Of Hispanic Families with Children with Disabilities. 16th International Symposium of Adapted Physical Activity. Rio Claro, Brazil.

**Columna, L.** (2005). Acquisition of Doctoral Competencies In Adapted Physical Education. 15<sup>th</sup> International Symposium of Adapted Physical Activity. Verona, Italy.

R. French, Goode, S., Silliman, L., **Columna, L.**, Bowers, T., Kovall, C., & Waugh, L. (2005). A Dynamic Model for Infusing Teacher Preparation in APA Throughout the Academic Levels of Higher Education. 15<sup>th</sup> International Symposium of Adapted Physical Activity. Verona, Italy.

Pyfer, J., Huettig, C., & **Columna, L.** (2004). Don't Patch It, Fix It with Movement. 50th Puerto Rico National Conference of Physical Activity, Recreation and Dance. San German, Puerto Rico.

Huettig, C. & **Columna, L.** (2004). Inclusive Physical Education. 50th Puerto Rico National Conference of Physical Activity, Recreation, and Dance. San German, Puerto Rico.

#### **List of National Presentations (conferences) (40)**

**Columna, L.** Parents-Teacher Collaboration to Improve Services of Children with Visual Impairments and Autism. 46<sup>th</sup> National Adapted Physical Education Conference. Sacramento, California (Fall 2018).

**Columna, L.** Research with Families of Children with Disabilities: Lessons Learned. National Consortium for Physical Education for Individuals with Disabilities (Summer 2017)

**Columna L.**, Dillon, S., Heffernan KS, Ashby C, Norris M, Myers B, Russo N, & Barreira T. Physical Activity Experiences Among Families of Children with Autism. SHAPE America National Conference- Boston (Spring 2017).

**Columna L.**, & Dillon, S. Family-Teacher Collaboration to Improve Physical Activity Outcomes for Youth with ASD. SHAPE America National Conference- Boston (Spring 2017).

**Columna, L.**, Norris., M., Llanio, A., & Wright, B. Physical Activity Experiences of Parents of Children with Visual Impairments. SHAPE America National Conference- Minnesota (Spring 2016).

**Columna, L.**, Norris., M., Llanio, A., & Wright, B. Physical Activity and Under-Served Populations: Student Experiences Regarding Physical Activity Among Children with Visual Impairments. SHAPE America National Conference- Minnesota (Spring 2016).

**Columna, L.**, Dillon., S., Corcoran, N., Davis., T., & Bailey, J. Teacher Candidates' Perspectives on Learning to Teach Students with Disabilities. SHAPE America National Conference- Minnesota (Spring 2016).

**Columna, L.**, Dillon, S. & Waldus, C. (2015). PETE Programs Engaged in University-Family Teacher Collaboration to Improve Physical Activity Outcomes. PETE Conference. Atlanta, Ga.  
Lieberman, L. **Columna, L.** & Grenier, M. (2015). Infusing the Universal Design for Learning Concepts into Methods Courses. PETE Conference. Atlanta, Ga.

Lieberman, L., Houston-Wilson, C., Samalot, R., & **Columna, L.** (2013). Getting Involve in the IEP Process: Steps to success. 76th New York State AAHPERD, Verona, New York.  
Roth, K. & **Columna, L.** (2013). Limitless: Separate But Equal Curriculum for Students with Disabilities. 126th AAHPERD National Convention. Charlotte, North Carolina.

**Columna, L.**, Martínez-De la Vega, P., & Lieberman, L. (2013). ¿Habla Español? Integrating Spanish into Your Physical Education Program. 126th AAHPERD National Convention. Charlotte, North Carolina.

Stagnitta, B., Gibbs, M. Hershman, J., Ryss, J., Weinsheimer, C., Baierwalter, R., Partyka, A. **Columna, L.**, Lieberman, L., Martínez-De la Vega, P. et al. (2012). (Students' presentation). ¿Habla Español? Integrating Spanish into your Physical Education Program. 75th Annual NYS Association of Health, Physical Education, Recreation, and Dance Conference. Verona, New York.

Lieberman, L. & **Columna, L.** (2012). Integrating Sign Language Into Your Physical Education Program. 75th Annual NYS Association of Health, Physical Education, Recreation, and Dance Conference. Verona, New York.

**Columna, L.** (2012). Physical Education for Children with Visual Impairments: What Every Parent Should Know! Spanish Session. National Association for Parents of Children with Visual Impairments. Boston, Massachusetts.

Perkins, K., **Columna, L.**, Bailey, J., & Lieberman, L. (2012). Parental Perceptions Toward Physical Activity for Children with Visual Impairments. 125th AAHPHERD Convention. Boston, Massachusetts.

**Columna, L.**, Hoyos-Cuartas, L., Foley, J., Prado, J. Mora, A., & Ozols-Rosales, M. (2012). South/Central America Physical educators' intention Toward Children with Disabilities. 125<sup>th</sup> AAHPHERD Convention. Boston, Massachusetts.

Cook, A., **Columna, L.**, Foley, J., & Bailey, J. (2012). Parental perceptions of APE Teachers Working with Children with Autism. 125th AAHPHERD Convention. Boston, Massachusetts.

Lytle, R. & **Columna, L.** (2011). Cultural Competence in Adapted Physical Education. 40<sup>th</sup> National Adapted Physical Education Conference. Long Beach, California.

**Columna, L.**, Stagnitta, B., & Caira, J. (2011). Wellness and Developmental Disabilities. Reaching for the Stars Conference (Exceptional Family Resources). Syracuse, New York.

Corcoran N., **Columna, L.**, Bailey, J., Davis, T., & Rocco, S. (2011). Physical Education Teacher Candidate's Perceptions Toward Teaching in Inclusive Classes. 124<sup>th</sup> AAHPHERD Convention. San Diego, California.

Wughalter, E., Faison-Hodge, J., **Columna, L.**, & Gelrod, R. (2011). AAHPERD social Justice And Diversity Forum. 124<sup>th</sup> AAHPHERD Convention. San Diego, California.

Roth, K. & **Columna, L.** (2011). Simple Solutions: Activities for Students with Severe Disabilities. 124<sup>th</sup> AAHPHERD Convention. San Diego, California.

Gasperetti, B., Foley, J., Yang, S., **Columna, L.**, & Lieberman, L. (2011). Comparison of Three Exergames Played by Youth with Visual Impairments. 124<sup>th</sup> AAHPHERD Convention. San Diego, California.

Seaman, J., Lytle, R., Roth, K., Lieberman, L., & **Columna, L.** (2010). Eligibility and Placement Guidelines for Adapted Physical Education Services. North American Federation of Adapted Physical Activity, San Francisco, California.

**Columna, L.** & Barduhn, M. (2010). Integrating Physical Activity Into the Life of Migrant Workers Families. Presented at the National Association of State Directors of Migrant Workers, Anaheim, California.

Meaney, K., Hodge, J., Frank, A., & **Columna, L.** (2010). Enhancing Pre-Service Educators' Socio-Cultural Competencies: Classroom, Clinical, and Community Strategies. 123<sup>rd</sup> AAHPERD Convention. Indianapolis, Indiana.

**Columna, L.** & Roth, K. (2010). Collaborative Strategies During Transition For Students with Disabilities. 123<sup>rd</sup> AAHPERD Convention. Indianapolis, Indiana.

Lieberman, L., **Columna, L.**, & Taylor C. (2009). Spanish & Sign language in Physical Education. NYS AAHPERD Convention. Verona, New York.

**Columna, L.**, Corcoran, N., & Mertell, B. (2009). Integrating physical Activity Into the Life of Migrant Workers Families. State Migrant Education Training, Syracuse, New York.

**Columna, L.**, Lieberman, L., Bono, C., Duesler, A., & Friedlander, L. (2009). Infusing Sign Language and Spanish Into Physical Education. 122<sup>nd</sup> AAHPERD National Convention. Tampa, Florida.

Atencio, J., **Columna, L.**, Lieberman, L., Fernández, M., & Cordero, I. (2009). Perceived Benefits, Barriers, and Patterns of Recreational Physical Activity of Hispanic Families with Children with Visual Impairments Living in Guatemala. 122<sup>nd</sup> AAHPERD National Convention, Tampa, Florida.

**Columna, L.**, Foley, J., Davis, T., Dosa, N., Liptak, G., & Rafalowski, T. (2009). Group Visits Model: A Collaborative Perspective in Adapted Physical Education. 122<sup>nd</sup> AAHPERD National Convention, Tampa, Florida.

Corbett, D., Faison-Hodge, J., & **Columna, L.** (2009). Social Justice and Cultural Diversity Open Forum. Invited to be part of a panel of expert in this topic. National Association for Kinesiology and Physical Education in Higher Education Conference (NAKPEHE). Sarasota, Florida.

**Columna, L.** (2008). Fun and Developmentally Appropriate Activities for Children with Disabilities. Vermont AAHPERD conference. Killington Vermont.

Bailey, J., Kniffin, M., Foley, J., **Columna, L.**, & Yang, S. (2008). PETE Programs: Are We Making A Difference? 71<sup>st</sup> NY State AHPERD Conference. Verona, New York.

**Columna, L.**, Garcia, C., Garcia, L., Vélez, L., Barreira, T., Ayim, E., & Hetland, K. (2008). Multicultural learning Through Physical Education. 121<sup>st</sup> AHPERD State Conference at Dallas, Texas.

**Columna, L.**, Trocki-Ables, P., & Bowerman, S. (2007). Cooking Up Success in The Gym --- Recipes For Developmentally Appropriate Movement! 36<sup>th</sup> National Adapted Physical Education Conference. San Francisco, California.

French, R., Goode, S., Bowers, T., **Columna, L.**, Koval, C. & Waugh, L. (2005). Influence of Team-Based Learning on The Preparation of Special Physical Educators. OSEP Project Director's Conference. Washington, D.C.

Levy, L., Popejoy, A., Vélez, L., **Columna, L.**, Rich, S., Sanborn, & Huettig, C. (2005). Childhood Play Experiences of Hispanic Parents of Preschoolers. 8<sup>th</sup> Annual Research Symposium. Texas Woman's University. Denton, Texas.

### **List of State Presentations (Invited)**

**Columna, L.** (2015). Adapted Physical Education in the United States. Presented at the Parent Advocacy Resources for Alumni: Tips, tools, and Trends. Presented at Syracuse University.

**Columna L.** (2013, 2014). Fit –IN conferences, steering committee/moderator. Syracuse, NY.

Dosa N., **Columna, L.**, Davis, T., Foley J., et.al. (2014). Activating Communities: Grassroots Inclusive Fitness in Central New York. Second Annual Fit-In Conference, WCNY Building in SALT District of Syracuse's New West Side, Syracuse, NY.

Dosa N., **Columna, L.**, Davis, T., Foley J., et al. (2013). New Paradigms for Assistive Technology and Inclusive Fitness. First Annual Fit-In Conference, SUNY Upstate. Syracuse, New York.

**Columna, L.**, Stagnitta, B., & Caira, J. (2011). Wellness and Developmental Disabilities. Reaching for the Stars Conference (Exceptional Family Resources). Syracuse, New York.

**Columna, L.** (2009). What Parents Can Do To Help Teachers? SUNY Upstate, Syracuse New York.

**Columna, L.** (2009). Perceived Benefits, Barriers, and Patterns of Recreational Physical Activity of Hispanic Families with Children with Disabilities. SANKOFA Conference. Cortland, New York.

**Columna, L.**, Chaapel, L., Barnhart, J., & Friedlander, L. (2008). Sensory and Developmentally Appropriate Activities for Children with Disabilities. Fall Mini Conference at State University of New York at Cortland.

Dosa, N. & **Columna, L.** (2008). Group Visit Model Program for Children Who Are Blinded/Visually Impaired. Teachers of Visually Impaired Conference Syracuse, New York.

**Columna, L.** (2007). Valuing Diversity in Physical Education. California State University at Chico, California.

Craft, D., & **Columna, L.**, & Patrick, M. (2007). Aquatics for All: All Levels Fun Inclusive Pool Activities. Fall Mini Conference at State University of New York at Cortland.

Huettig, C., **Columna, L.**, & Keigher, B. (2006). Healthy Physical Activities for Parents and Their Young Children. Sister to Sister National Woman's Heart Day. Dallas, Texas.

Huettig, C. & **Columna, L.** (2005). Healthy Physical Activities for Parents and Their Young Children. Sister to Sister National Woman's Heart Day. Dallas Texas.

Trocki-Ables, P., **Columna, L.**, Bridenthall, N., Fontaine, P., Foederer, V., & Cannon, M. (2004). Family Activities for Fun Summer Day. Denton ISD. Denton, Texas.

### **Key Note, Webinars, or Television Presentations**

**Columna, L.** (2017). Key note speaker at Michigan Physical Disabilities and Other Health Impairment conference (POHI/SXI).

**Columna, L.** (2017). Key note Speaker McNair Program. Syracuse University.

**Columna, L.** Deninger, D. (2014). Changing Sports Changing Lives (Documentary).  
<http://vimeo.com/93285524>

**Columna, L.** (2012). Keynote speaker at the 30th year Adapted Physical Education programs in PR held at the University of Puerto Rico- Bayamon campus.

**Columnna, L.** & Davis T. (2012). Placement for children with disabilities. Webinar for the American Alliance for Health Physical Education, Recreation, and Dance.

**Columnna L.** (2009). El Movimiento (Movement). Presented at the Spanish language Los Angeles PBS TV show called Los Niños en Su Casa ([http://www.losninosensucasa.org/question\\_detail.php?id=664](http://www.losninosensucasa.org/question_detail.php?id=664)). (Invited Speaker) (Television Show).

### **Research and Promotional Videos**

*Fit Families Programs for Children with Autism:*

<https://www.youtube.com/watch?v=X4Mbs8MCeSw>

*Fit Families Programs for Children with Visual Impairments:*

<https://www.youtube.com/watch?v=eTml8C0vPhg>

### **In-Service/workshops at Schools**

**Columnna, L.** (2013). Physical Education for ALL Students. An eight (8) hour workshop for regular physical educators and aides. Oakfield-Alabama Middle-High School, Oakfield, New York.

**Columnna, L.** (2013). Physical Education for ALL Students. An eight (8) hour workshop for regular physical educators and aides. Flint School District, Flint, Michigan.

**Columnna, L.** (2016). Physical Education for ALL Students. A four (4) hour workshop for regular physical educators and aides. Newark School District. Newark, New Jersey.

**Columnna, L.** (2014). Physical Education for ALL Students. A four (4) hour workshop for regular physical educators and aides. Long Island School District. Long Island, New York.

**Columnna, L.** (2013). Physical Education for ALL Students. An eight (8) hour workshop for regular physical educators and aides. Maryvale School District. Buffalo, New York.

**Columnna, L.** (2013). Physical Education for ALL Students. An eight (8) hour workshop for regular physical educators and aides. Syracuse School District. Syracuse, New York.

**Columnna, L.** (2012). Adapted Physical Education Assessment Scale-II. An eight (8) hour workshop for regular physical educators and aides. Weston Public Schools, Boston, MA.

**Columnna, L.** (2012). Physical Education for ALL Students. An eight (8) hour workshop for regular physical educators and aides. Saranac Lake School District. Saranac Lake, New York.

**Columnna, L.** (2012). Physical Education for ALL Students. An eight (8) hour workshop for regular physical educators and aides. Pittsfield Public School District. Pittsfield, Massachusetts.

**Columna, L.** (2012). Physical Education for ALL Students. An eight (8) hour workshop for regular physical educators and aides. Washington DC School District, Washington DC.

**Columna, L.**, DeJesús, W., Atencio, J., et al. (2009). Infusing Spanish Into Physical Education. A two (2) hour workshop for pre-service physical education teachers. SUNY Cortland. Cortland, New York.

**Columna, L.**, Atencio, Bono, et al., (2009). Activity Modifications for Children with Disabilities. An eight (8) hour workshop for regular physical educators and aides. Utica Independent School District. Utica, New York.

**Columna, L.** & Bowerman, S. (2007). Mastering TAHPERD TEKS Guidebooks: Integrating School Curriculum Into Physical Education. An eight (8) hour workshop for regular and adapted physical educators and aides. Kilgore Independent School District. Kilgore, Texas.

Hilgenbrinck, L., Thibault, L. **Columna, L.**, Jackson, D. & Orozco, L. (2006). Best Practice-Fostering A Collaborative Relationship Between Physical Educators And Adapted Physical Educators. A four (4) hour workshop for regular physical educators and aides. Denton Independent School District. Denton, Texas.

Hilgenbrinck, L., **Columna, L.**, Zipay, J., & Jackson, D. (2006). Activity Modifications for Children With Disabilities. A four (4) hour workshop for regular physical educators and aides. Denton Independent School District. Denton, Texas.

**Columna, L.** & Vélez, L. (2005). Activity Modifications for Children With Disabilities. A four (4) hour workshop for regular physical educators and aides. Evermans School District. Evermans, Texas.

**Columna, L.**, Vélez, L., Ortiz, G., Pérez, J., Vélez, J., & Nieves, (2003). A. In-Service Teaching Styles. A four (4) hour Workshop for regular and adapted physical educators. Puerto Rico: San Juan, Bayamon, Caguas, & Naranjito) (5 workshops).

**Columna, L.**, Vélez, L., Ortiz, G., Pérez, J., Vélez, J., & Nieves, A. (2003). In-Service For Beginner Physical Education Teachers. An eight (8) hour workshop. Bayamon, Puerto Rico, 2003 (2 workshops).

Bird, V., **Columna, L.**, Vélez, L., Belén, I. Ortiz, G., Pérez, J., Vélez, J., et al. (2001). Physical Education: Beyond Games And Competition. Three (3) hour workshop regarding physical education for school principals. San Juan, Puerto Rico.

**Teaching**  
**Teaching Activities: Syracuse University**

<b><u>Semester</u></b>	<b><u>Year</u></b>	<b><u>Course Name(#)</u></b>	<b><u>#of Students</u></b>	<b><u>Credit Hours</u></b>
Fall	2018	PPE 385: Motor Behavior	23	3
		PPE 481: Adapted Physical Education	5	3
Summer	2018	PPE 300: Coaching Sports: Diversity and Disability	9	3
Spring	2018	PPE 325: Athletics in Education	13	3
		PPE 385: Motor Behavior	23	3
Fall	2017	PPE 385: Motor Behavior	17	3
		PPE 481: Adapted Physical Education	13	3
Summer	2017	PPE 200: Spanish for PA professionals	5	3
		PPE 300: Coaching Sports: Diversity and Disability	3	3
		PPE 500: Coaching Sports: Diversity and Disability	13	3
Spring	2017	PPE 250: Team Sports	9	1
		PPE 300/500: Exploring Cuba Through PA	21	2
		PPE 325: Athletics in Education	9	3
Fall	2016	PPE 385: Motor Behavior	15	3
		PPE 385: Motor Behavior	16	3
		PPE 481: Adapted Physical Education	8	3
Summer	2016	PPE 200: Spanish for PA professionals	7	3
		PPE 300: Coaching Sports: Diversity and Disability	11	3
Spring	2016	PPE 250: Team Sports	13	1
		PPE 385: Motor Behavior	9	3
		PPE 385: Motor Behavior	18	3
Fall	2015	EDU 101: First Year Forum	16	1
		PPE 385: Motor Behavior	15	3
		PPE 481: Adapted Physical Education	6	3
Summer	2015	PPE 300: Coaching Sports: Diversity and Disability	6	3
		PPE 500: Coaching Sports: Diversity and Disability	10	3
Spring	2015	PED 250: Team Sports	16	1
		PPE 385: Motor Behavior	28	3
		PPE 385: Motor Behavior	29	3
		PED 300: Outdoor Education in Costa Rica	13	1



Fall	2014	PPE 385: Motor Behavior	20	3
		PPE 385: Motor Behavior	29	3
		PPE 481: Adapted Physical Education	5	3
Summer	2014	PPE 300: Coaching Sports: Diversity and Disability	6	3
		PPE 500: Coaching Sports: Diversity and Disability	5	3
Spring	2014	PED 250: Team Sports	11	1
		PED 300: Outdoor Education in Costa Rica	10	1
		PPE 385: Motor Behavior	25	3
Fall	2013	EDU 101: First Year Forum		
		PPE 385: Motor Behavior		
		PPE 481: Adapted Physical Education		
Summer	2013	PED 300: Sports Children with Visual Impairments	5	1
		PED 500: Sports Children with Visual Impairments	2	1
		PPE 300: Coaching Sports: Diversity and Disability	6	3
Spring	2013	PED 250: Team Sports	11	1
		PPE 385: Motor Behavior	27	3
Fall	2012	PED 240: Individual and Dual Sports	12	1
		PPE 381: Elementary Physical Education	7	3
		PPE 481: Adapted Physical Education	7	3
Spring	2012	PED 250: Team Sports	11	1
		PPE 385: Motor Behavior	33	3
Fall	2011	PPE 381: Elementary Physical Education	13	3
		PPE 481: Adapted Physical Education	15	3
Spring	2011	PED 250: Team Sports	28	1
		PPE 385: Motor Behavior	41	3

**Teaching**  
**Graduate Instruction: Syracuse University**

<b><u>Semester</u></b>	<b><u>Year</u></b>	<b><u>Course Name(#)</u></b>	<b><u>#of Students</u></b>	<b><u>Credit Hours</u></b>
Fall	2018	PPE 481: Adapted Physical Education	5	3
Summer	2018	PPE 500: Coaching Sports: Diversity and Disability	9	3
Fall	2017	PPE 481: Adapted Physical Education	10	3
Summer	2017	PPE 500: Coaching Sports: Diversity and Disability	13	3
Spring	2017	PPE 500: Exploring Cuba Through PA	4	2
Summer	2015	PPE 500: Coaching Sports: Diversity and Disability	10	3
Summer	2014	PPE 500: Coaching Sports: Diversity and Disability	5	3
Summer	2013	PED 500: Sports Children with Visual Impairments	2	1

**Teaching Activities: State University of New York at Cortland**

<b><u>Semester</u></b>	<b><u>Year</u></b>	<b><u>Course Name(#)</u></b>	<b><u>#of Students</u></b>	<b><u>Credit Hours</u></b>
Spring	2011	PED 302: Disability and Sports	20	1
		PED 303: Fitness Across Lifespan and Disabilities	15	1
Fall	2010	PED 356: Adapted Physical Education	30	3
		PED 434: Statistics and Assessment	30	3
Spring	2010	PED 356: Adapted Physical Education	30	3
		PED 434: Statistics and Assessment	30	3
		PED 313: Leadership in Adapted Physical Education	9	1
Fall	2009	PED 356: Adapted Physical Education	30	3
		PED 434: Statistics and Assessment	30	3
Spring	2009	PED 356: Adapted Physical Education	30	3
		PED 434: Statistics and Assessment	30	3
Fall	2008	PED 356: Adapted Physical Education	30	3
		PED 434: Statistics and Assessment	30	3

Spring	2008	PED 356: Adapted Physical Education PED 434: Statistics and Assessment	30 30	3 3
Fall	2007	PED 325: Basics of Effective Instruction in Physical Education	15	3

**Teaching**  
**Graduate Instruction: State University of New York at Cortland**

<u>Semester</u>	<u>Year</u>	<u>Course Name(#)</u>	<u>#of Students</u>	<u>Credit Hours</u>
Summer	2011	PED 633 Inclusive Coaching Methods and Programs	15	3
Fall	2010	PED 635: Introduction to Adapted Physical Education	10	3
Summer	2010	PED 633: Inclusive Coaching Methods and Programs	30	3
Fall	2009	PED 635: Introduction to Adapted Physical Education	12	3
Summer	2009	PED 633: Inclusive Coaching Methods and Programs	30	3
Fall	2008	PED 635: Introduction to Adapted Physical Education	15	3

**Graduate Instruction: Syracuse University**  
**Doctoral Dissertations**

<u>Student</u>	<u>Completion Date</u>	<u>Level</u>	<u>Role</u>	<u>Project/Thesis Title</u>
Ynesse Abdul Malak	June 2016	Doctoral	Dissertation Chair	Healthy immigrants? Exploring country of origin, pre-immigration experiences, and acculturation in relationship to U.S. immigrants' health.
Jinxia Xie	April 2016	Doctoral	Dissertation Reader	An investigation of US and Chinese prospective elementary teachers' problem posing when interacting with problem-solving activities
Carrie Rood	August 2015	Doctoral	Dissertation Reader	Negotiating DSE Teaching Identity in today's public schools: Complexity, Camaraderie, and Subversion
Deanna Adams	April 2015	Doctoral	Dissertation Reader	How positive is positive behavior supports: An investigation into the implementation process of a school-wide positive support

Nilay Yildirim	April 2013	Doctoral	Dissertation Reader	The influence of game design on the collaborative problem solving process: A cross-case study of multi-player collaborative game-play analysis.
Yang Wang	August 2012	Doctoral	Dissertation Chair	Socio-cultural influences on adolescent smoking in Mainland China: The Mediating role of smoking-related cognitions
Jodi Canfield	March 2012	Doctoral	Dissertation Reader	Models of physical activity and sedentary behavior
Kannan AMR	September 2011	Doctoral	Dissertation Reader	Learning through games: Essential features of an educational game

### Independent study and Comprehensive Exams

#### Undergraduate and Graduate (Syracuse University)

2018	Spring	Graduate Comprehensive Exam	Hu-Suk
2018	Spring	Undergraduate Capstone Project	Genesis Felizoloa
2017	Fall	Undergraduate Capstone Project	Alyssa Foisy
2017	Spring	Undergraduate Capstone Project	Daniel Drashinsky
2017	Spring	Graduate Comprehensive Exam	Lindsay McCabe
2016	Fall	Graduate Comprehensive Exam	Brittany Stagnitta
2016	Fall	Graduate Comprehensive Exam	Sarah Kerly

#### Graduate Instruction: State University of New York at Cortland Thesis Supervision

Student	Completion Date	Level	Role	Project/Thesis Title
Nicole Corcoran	Fall 2010	Masters	Primary Advisor	Attitudes of pre-service teachers' toward students with disabilities
Kara Perkins	Fall 2010	Masters	Primary Advisor	Parental perceptions of physical activity for their children with visual impairments and blindness
Holly Chaapel	Fall 2010	Masters	Primary Advisor	Parental expectations toward adapted physical education services: A qualitative study
Allison Cook	Spring 2010)	Masters	Primary Advisor	Parental attitudes and expectations toward adapted physical education programs and teachers for their children with special need
Barbara A. Gasperetti	Spring 2009	Masters	Committee Member	Interactive video games and effectiveness of physical activity for children with visual impairments

Amanda Ost	Spring 2008)	Masters	Committee Member	Parent management strategies and T.V. viewing of youth with disabilities
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## Independent study and Comprehensive Exams

### Undergraduate and Graduate (State University of New York at Cortland)

2010	Spring	Graduate Comprehensive Exam	Eric Laine
2010	Spring	Graduate Comprehensive Exam	Janice Meyer
2009	Spring	Graduate Comprehensive Exam	Rob Henry
2009	Spring	Graduate Comprehensive Exam	Felicia Strauss
2009	Spring	Undergraduate Independent Study	Jaime Atencio
2008	Fall	Graduate Comprehensive Exam	Chrissy DeHay
2008	Fall	Graduate Comprehensive Exam	Siobhan Loughlin
2008	Fall	Undergraduate Independent Study	Lauren Friedlander
2008	summer	Graduate Comprehensive Exam	Charles DeTaeye
2008	Spring	Graduate Comprehensive Exam	Katherinne McDowell
2008	Spring	Graduate Comprehensive Exam	Danielle M. Blanchard
2007	Fall	Graduate Comprehensive Exam	Danielle Verhasselt

### Service/Committees

#### National

Fall 2017	Member of AD Hoc Committee to write APE guidelines for the State of New York Abstract reviewer for SHAPE America Board member of the Syracuse Fitness Inclusion Network (since 2013)
2013-2015	Member of the SHAPE AMERICA's PE Educator Awards Committee
2011-2014	Chair for the Adapted Physical Activity Council of the American Association for Physical Activity and Recreation (AAPAR)
2013-2014	Presentation Reviewer AAHPERD
2011-2012	Adapted Physical Activity Quarterly Digest Abstractor
2010-2011	Chair Elect for the Adapted Physical Activity Council of AAPAR
2009-2011	Co-Chair of the Everybody Can! YouTube contest committee the American Association for Physical Activity and Recreation (APAR)
2008-2010	Member at Large of the Adapted Physical Activity Council (APAC)
2009-2010	Member of the Social Justice and Cultural Diversity Committee of the National Association of Kinesiology and Physical Education in Higher Education (NAKPEHE) Member of the Social Justice and Cultural Diversity Committee of AAHPERD

### **Special Editorial Activities**

Spring 2019-present	Editorial Board Member, QUEST
Spring 2018-present	Editorial Board Member, Disability and Health Rehabilitation Guest Editor, TASH Connections
Spring 2017-present	Editorial Board Member, PALAESTRA
2007-2010	Editor of APAC Action section in PALAESTRA

### **Editorial Services**

#### **Active Reviewer for the following journals and Book Companies**

Adapted Physical Activity Quarterly  
Disability and Rehabilitation  
Disability and Health Journal  
British Journal of Visual Impairment and Blindness  
Holcomb Hathaway  
Human Kinetics  
INSIGHT  
Journal of Physical Activity and Health  
Journal of Physical Education, Recreation, & Dance  
McGraw Hill  
PALAESTRA  
Pearson  
Perceptual and Motor Development  
QUEST

#### **All-College (Syracuse University)**

2017-present	Chancellor's Citation for Excellence Nominating Committee Syracuse University La Casita Cultural Group- Board Member (since 2013) Syracuse University Club Field Hockey Team Advisor (Since 2013)
2015-2016	Strategic Planning Committee- Innovation (Invited by the Interim Provost)
2015-2016	Taishoff Center-Search Committee for the Internship and Employment Coordinator
2013	Inclusive U Search Committee Burton Blatt Institute (Fellow) CHAT Program (Burton Blatt Institute)
2012	McNair Summer Academy Committee member
2011	Say Yes to Education –Summer Institute Trainer “Child-Centered Physical Activity” Invited Panel Member McNair Summer Academy

**School of Education (Syracuse University)**

2017-present	School of Education Faculty and Staff Giving Campaigns' faculty representative School of Education Promotion and Tenure Committee Advisor Selected Studies (Since 2015) School of Education Degrees and Curriculum Committee (Since 2015) School of Education Recruitment Receptions (Since 2011)
2016-2017	Counseling Search Committee
2015	School of Education-Special Education Search Committee Coordinator of the Physical Activity Track as Part of the Selected Studies Program (Since 2013)
2014-2015	School of Education Promotion and Tenure committee
2014	School of Education Technology Committee
2013-2014	Exercise Science Search Committee
2013	Chair of the search committee; Urban Physical Education Position
2012-2013	Secondary Education Programs Group
2012-2014	Landscape of Urban Education Lecture Series

**Department (Exercise Science/Physical Education-Syracuse University)**

2014-2015	Exercise Science Search Committee for Motor Behavior Course
2013-2014	Exercise Science Search Committee
2013	Chair of the search committee; Urban Physical Education Position
2012-2013	Program Coordinator of the Physical Education Department
2012	Traveled to Puerto Rico to Recruit Students for the school of education and the exercise department

**All-College (SUNY Cortland)**

2009-2010	National Council for Accreditation of Teacher Education (NCATE) Standard 4 committee The Center for Gender and Intercultural Studies (CGIS) Faculty for Student Advancement Committee
2010	Migrant Education Outreach Program Search Committee for the position of Assistant Director
2008-2009	Internationalization Leadership Team (ACE) State University of New York at Cortland
2008-2010	Institute for Disability Studies (ISD) Cortland Adapted Swimming Team (CAST)

**Department (Physical Education-SUNY Cortland)**

2009-2010	Thesis Guidelines Committee
2009	Presented at the SUNY Cortland Mini Conference: Columna, L., Chaapel, L., Barnhart, J., & Friedlander, L.
2008-2010	Committee to hire Graduated assistant for the adapted physical education labs
	Physical Education Curriculum Committee
2008-2009	Committed to nominated adapted physical education Program as Program of the Year at AAHPERD
2008	Presented at Fall Mini Conference at State University of New York at Cortland: Columna, L.
2007	Presented at the SUNY Cortland mini conference: Craft, D., Columna, L., & Patrick, M.

**Community Service**

2018	Physical Activity Program for Children with Disabilities: Syracuse University Fit Families Program (since 2013)
2013	Camp Abilities Costa Rica. Director of Sport Activities for a camp of children with Visual Impairments. Camp held at Costa Rica
2013-2014	All Star Cast: Psycho-social, emotional, and physical benefits derived from an inclusive theater arts program in adults with disabilities and drama students
2012	Camp Abilities Costa Rica. Director of Aquatic activities for a camp of children with Visual Impairments.
2012	SUNY Upstate, New York. A group visit model program for children who are blind/visually impaired, or children with Spina Bifida. Syracuse, NY (since 2007)
2007-2010	SUNY Cortland's Migrant Workers Education Program
2008	Camp Abilities Guatemala. Director of Aquatic activities for a camp of children with Visual Impairments
2008-2010	Project LEAPE (Leadership Education in Adapted Physical Education)
2008-2009	Castillo Fuerte Summer Camp at Puerto Rico
2006	Special Olympics, Denton, Texas. Volunteer Coach for Swimming Events of individuals with mental retardation



**Professional Organizations/Affiliations**

2018	Society of Health and Physical Educators (SHAPE America) former AAHPERD (since 2003) National Consortium for Physical Education and Recreation for Individuals with Disabilities (NCPEID) (since 2006) International Federation of Adapted Physical Activity (IFAAPA) (since 2005) National Federation of Adapted Physical Activity (NAFAAPA) (Since 2005)
2009-2011	Member of the Social Justice and Cultural Diversity Committee of the National Association of Kinesiology and Physical Education in Higher Education Member of the Social Justice and Cultural Diversity Committee of AAHPERD
2008-2010	Adapted Physical Activity Council (APAC). Member at Large