

J. Gualberto Cremades, Ed.D., Ph.D., CC-AASP

School of Human Performance and Leisure Sciences

Barry University

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P e r s o n a l I n f o r m a t i o n

Nationality: *U.S. citizen*

Date of Birth: *7 August, 1967*

E d u c a t i o n

Doctor of Philosophy: *University of Houston, U.S.A.
Barry University, U.S.A.
Kinesiology
Cognate Area: Research Statistics
September 1998 – May 2003*

Dissertation Title: *“Concurrent Validity and Reliability of Alpha Power as a Measure of Imagery Ability.”*

Doctor of Education: *University of Houston, U.S.A.
Manchester Metropolitan University, U.K.
Physical Education
Cognate Area: Sport Psychology
September 1994 - May 1999*

Dissertation Title: *“The Effects of Imagery Perspective as a Function of Skill Level on Alpha Activity.”*

Master of Education: *University of Houston
Physical Education - Motor Behavior
September 1992 - May 1994*

Bachelor of Science: *University of Houston
Exercise Science - Kinesiology
January 1989 - May 1992*

P o s t d o c t o r a l F e l l o w s h i p

Florida International University. *Department of Electrical and Computer Engineering. September 1999 – December 2000. Includes research on brain wave activities and their practical aspects and implications with respect to diverse form of stimuli. Research was conducted with the Electrical Signal Imaging System (ESI-256) funded by the National Science Foundation.*

I n t e r n s h i p

Manchester Metropolitan University. Department of Sport and Exercise Science. September 1995 - July 1996. Includes developmental and professional experiences in both applied and research sport psychology. Counseling skills were developed during field work with elite athletes.

S e m i n a r s a t t e n d e d

“Helping Counselors Articulate Humanistic Approaches to Counseling in a Hurried and Harried World.” Online seminar with Drs. Jeff and Nancy Cochran, University of Tennessee, February, 2007.

“Sport and Exercise Psychology Service Delivery.” School of Human Performance and Leisure Sciences, Barry University, Miami, FL, September-December, 2006.

“Supervisory Training.” Human Resources, Barry University, Miami, FL, September 2005.

“The Art and Craft of Narrative Therapy.” Counseling Department, Barry University, FL, July 2005.

“Conducting Effective Performance Appraisals.” Human Resources, Barry University, Miami, FL, March 2005.

“Diversity in Leadership.” Student Services, Barry University, Miami, FL, February 2005.

“Bridging the Gap between Coaches and Sport Psychology through Coaching Enrichment Workshops.” Continuing Educational Workshop, Association for the Advancement of Applied Sport Psychology, Minneapolis, MN, October 2004.

“National Institute of Health Regional Seminar.” University of Miami School of Medicine, Miami, FL, May 2004.

“Developing a Sport Psychology Marketing Plan.” Continuing Educational Workshop, Association for the Advancement of Applied Sport Psychology, Philadelphia, PA, October 2003.

“Marketing and Grant Proposal Development.” U.S.A. Department of Defense Technical Assistance Program, Barry University, Miami, FL, March 2003.

“Fundamentals of Contract/Grant Administration.” U.S.A. Department of Defense Technical Assistance Program, Florida International University, Miami, FL, October 2002.

“Problem-Based Learning.” Academy for the Art of Teaching, Florida International University, Miami, FL, April 2001.

“Philosophy of Science.” Department of Philosophy, Florida International University, Miami, FL, January 2000 – April 2000.

“Biosignal Processing.” Department of Electrical and Computer Engineering, Florida International University, Miami, FL, August 1999 – December 1999.

“Disability Awareness.” British Sports Council, Stoke-on-Trent, U.K., February 1996.

“EEG and Evoked Potentials.” Department of Neurology and Clinical Neurophysiology, North Staffordshire Hospital, Newcastle-Under-Lyme, U.K., November - December 1995.

“Primary Prevention: Teaching Children Today the Parenting Skills They Will Need Tomorrow.” Houston Advocates for Mentally ill Children, Houston, TX, January 1995.

P r o f e s s i o n a l E x p e r i e n c e

Associate Professor, Department of Sport and Exercise Sciences, Barry University. August 2006 – May 2008.

Assistant Professor, Department of Sport and Exercise Sciences, Barry University. January 2001 – May 2006.

Program Coordinator, Masters in Sport and Exercise Psychology, Department of Sport and Exercise Sciences, Barry University. January 2001 – May 2008.

Performance Behavior Lab Manager, Department of Sport and Exercise Sciences, Barry University. January 2001 – May 2008.

Sport and Exercise Psychology Consultant, Private Practice, January 2001 – May 2008.

Grants Coordinator, Department of Sport and Exercise Sciences, Barry University. January 2001 – May 2003.

Adjunct Faculty, Department of Sport and Exercise Sciences, Barry University. August 2000 – December 2000.

Postdoctoral Research Associate, Department of Electrical and Computer Engineering, Florida International University. September 1999 – December 2000.

Adjunct Faculty, Department of Health, Physical Education and Recreation, Florida International University. August 1999 – December 2000.

Teaching Fellow, Department of Health and Human Performance, University of Houston. September 1992 - May 1999.

Resident Advisor, Residence Halls, University of Houston. January 1997 - May 1998.

Lecturer, Department of Exercise and Sport Science, Manchester Metropolitan University. September 1995 - July 1996.

Computer Consultant, Alpha-Beta computers Company, Madrid, Spain. October 1987 - April 1988.

Research

I. Publications (Articles)

Cremades, J.G., & Pease, D.G. (2007). Concurrent validity and reliability of lower and upper alpha activities as measures of visual and kinesthetic imagery ability. International Journal of Sport and Exercise Psychology, 5(2), 187-202.

Cremades, J.G., & Wiggins, M.S. (2007). Direction and intensity of trait anxiety as predictors burnout among college athletes. Accepted for publication to Athletic Insight-the Online Journal of Sport Psychology.

Chin, C.A., Barreto A., Cremades, J.G., & Adjouadi, M. (2007). An integrated electromyogram and eye gaze tracking cursor control system for computer users with motor disabilities. Accepted for publication to Journal of Rehabilitation Research and Development.

Gomez, C., & Cremades, J.G. (2007). Country differences in the acceptance of compliance goals: a U.S.- Mexico comparison. Management Research, 5(2).

Wiggins, M.S., Cremades, J.G., Lai, C., Lee, J., & Erdmann, J.B. (2006). Multidimensional comparison of anxiety direction and burnout over time. Perceptual and Motor Skills, 102, 788-790.

Alonso, M., Barreto A., Cremades, J.G., Jacko, J., & Adjouadi, M. (2005). Image pre-compensation to facilitate computer access for users with refractive errors. Behaviour and Information Technology, 24(3), 161-173.

Cremades, J.G., Barreto, A., Sanchez, D., & Adjouadi, M. (2004). Human-computer interfaces with regional lower and upper alpha frequencies as on-line indexes of mental activity. Computers in Human Behavior, 20(4), 569-579.

Cremades, J.G. (2002). The effects of imagery perspective as a function of skill level on alpha activity. International Journal of Psychophysiology, 43, 261-271.

Loze, G.M., Collins, D.J., & Cremades, J.G. (1998). EEG measures of cerebral activation during tasks differing in both cognitive and attentional demands. Journal of Sports Sciences, 16, 91-92.

Cremades, J.G., Smith, D.W., & Zhang, J.J. (1997). Hand-held car phones and driving performance: Projected risks and implications for prevention. Journal of Health Education, 28 (2), 98-102.

II. Under Review (Articles)

Cremades, J.G. (2007). Electro-cortical measures under different levels of pressure in successful and unsuccessful performance of a motor task. Submitted for publication to Psychology of Sport and Exercise.

Kiefer, A.W., & Cremades, J.G. (2007). EEG recordings during learning of a novel motor task using whole/part practice techniques. Submitted for publication to International Journal of Psychophysiology.

III. Publications (Abstracts)

Cremades J.G., & Poczwardowski A. (2006). Master's program curriculum development based on AAASP certification standards. Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Cremades, J.G., Wiggins, M.S., Lai, C., & Lee, J. (2006). Direction and intensity of trait anxiety as predictors burnout among collegiate athletes. Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Wiggins, M.S., Cremades, J.G., Lai, C., Lee, J., & Erdmann, J.B. (2006). Multidimensional comparison of anxiety direction and burnout over time. Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Adams, K., Hilliard, T. & Cremades J.G. (2006). The effects of physical practice on a novel mental imagery task as measured by electro-cortical activity. Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Cremades J.G., & Kiefer A.C. (2006). Do alpha and beta frequencies display a concomitant behavior when learning a motor task with whole/part practice techniques? Journal of Sport and Exercise Psychology Abstracts Supplement.

Kiefer A.C., Cremades J.G., Poczwardowski A., Rosenberg D., & Starrat C. (2006). EEG recordings during the learning of a novel motor task using whole/part practice techniques. Journal of Sport and Exercise Psychology Abstracts Supplement.

Williams, R., Cremades, J.G., & Kiefer, A. (2005). The effects of imagery training on bench press kinematics. Journal of Sport and Exercise Psychology Abstracts Supplement.

Andrade, R., Mier, C., Cremades, J.G., Gibson, A. & Hildner, G. (2005). Training effects of adding resistive arm exercise to a walking program. Medicine and Science in Sport and Exercise Abstracts Supplement.

Rhea, C., Cremades, J.G., & Opala, E. (2005). "A comparative EMG analysis: abdominal crunches performed on a stable versus unstable surface." Research Quarterly for Exercise and Sport Abstracts Supplement.

Cremades, J.G., & Massman, P.J. (2004). EEG recordings as predictors of kinesthetic and visual imagery ability. Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Lee, J., & Cremades, J.G. (2004). Performance, gender, and athletes' burnout in NCAA Division II basketball players. Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Bridger, K., & Cremades, J.G. (2003). Cross-cultural differences in childhood play activities among female collegiate athletes. Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Stroude, C., Cremades, J.G., & Lee, J.T. (2003). *The influence of coach's interaction on the risk of eating disorders in female collegiate athletes.* Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Lee, J.T., DaSilva D., & Cremades, J.G. (2003). *A survey of motives for participation at an international wheelchair basketball competition.* Association for the Advancement of Applied Sport Psychology Conference Proceedings.

Cremades, J.G., DaSilva D., & Pease, D.G. (2003). *The internal consistency and reliability of lower and upper alpha power as measures of kinesthetic and visual imagery ability.* Journal of Sport and Exercise Psychology Abstracts Supplement.

Cremades, J.G., DaSilva D., Pease, D.G., & Werner, S. (2003). *Concurrent validity of lower and upper alpha power as measures of kinesthetic and visual imagery ability.* Journal of Sport and Exercise Psychology Abstracts Supplement.

Cremades, J.G., & Castillo, R. (2002). *EEG measures under different levels of pressure prior to the execution of a motor task.* Psychophysiology Abstracts Supplement.

Cremades, J.G., & Castillo, R. (2002). *Lower alpha activity differences between successful and unsuccessful performance in a motor task.* Psychophysiology Abstracts Supplement.

Cremades, J.G. (2002). *Hemispheric activation differences in experts and novices during imagery performance: an EEG study.* Journal of Sport and Exercise Psychology Abstracts Supplement.

Castillo, R., Cremades, J.G., & Butcher, M. (2002). *Relaxation techniques as a method to reduce re-injury anxiety in athletes.* Journal of Sport and Exercise Psychology Abstracts Supplement.

De Lima, P., Cremades, J.G., & Butcher, M. (2002). *Gender as a mediating variable on the association between self-presentation and trait anxiety.* Journal of Sport and Exercise Psychology Abstracts Supplement.

Losito, F.M. & Cremades, J.G. (2002). *The effects of guided and unguided imagery on basketball free-throw performance in novices.* Journal of Sport and Exercise Psychology Abstracts Supplement.

Cremades, J.G., Suminski, R.R., Ryan, N.D., Vehrs, P., & Jackson A.S. (1999). *Differences in maximal oxygen consumption between african american and caucasian men.* Medicine and Science in Sport and Exercise Abstracts Supplement.

Lam, E.T.C., Lee, J.T., Cremades, J.G., & Delikanaki, E. (1999). *The effect of interneurological transfer on bilateral and unilateral arm movements.* Journal of Sport and Exercise Psychology Abstracts Supplement.

Hui, S.C., Cox, G., Cremades, J.G., & Rellinger, C.A. (1995). *Validity and reliability of an innovated racquetball proficiency test battery.* Research Quarterly for Exercise and Sport Abstracts Supplement.

Rudisill, M.E., Goodway, J.D., Lee, J.T. & Cremades, J.G. (1995). Planning macroscopic movements: A developmental comparison. *Journal of Sport and Exercise Psychology Abstracts Supplement.*

IV. Presentations (Articles)

Sato, K., Kryklywec, S., & Cremades, J. G. (2006). Comparison in force generation and time of foot contact in four different cutting angles between athletes and non-athletes. Article presented at the 24th International Symposium on Biomechanics in Sports (ISBS), Salzburg, Austria.

Kryklywec, S., Sato, K., & Cremades, J. G. (2006). The differences in closed-loop control decision-making in cutting movements between collegiate athletes and non-athletes. Article presented at the College of Education Research Conference: Section for Allied Health Profession, Florida International University:, Miami, FL.

Cremades, J.G., Tito, M., Adjouadi, M., & Barreto, A. (2004). Use of EEG recordings as valid measures of kinesthetic and visual imagery ability. Article presented at the International Conference on Bioinformatics and its Application (ICBA), Fort Lauderdale, FL.

Alonso, M., Barreto A., & Cremades, J.G. (2004). Image pre-compensation to facilitate computer access for users with refractive errors. Article presented at the 6th Annual International ACM SIGACCESS Conference on Computers and Accessibility, Atlanta, GA.

Barreto, A., Al-Masri, E., & Cremades, J.G. (2003). Eye gaze tracking / Electromyography computer cursor control system for users with motor disabilities. Article presented at the 26th Annual International Conference on Technology and Disability: Research, Design, Practice and Policy, Atlanta, GA.

Cremades, J.G., Sanchez, D., Adjouadi, M., & Barreto, A. (2000). An empirical study in human-computer interface research using EEG signals recorded with an ESI-256 machine. Article presented at the 11th Annual International Conference on Signal Processing Applications and Technology, Dallas, TX.

Grafals, O., Gupta, N., Cremades, J.G., Barreto, A., & Adjouadi, M. (2000). Decreased 3D- sound spatialization accuracy caused by speech bandwidth limitation over commodity audio components. Article presented at the 37th Annual Rocky Mountain Bioengineering Symposium, Colorado Springs, CO.

Grafals, O., Gupta, N., Cremades J.G., Barreto, A., & Adjouadi, M. (1999). Evaluation of digital sound spatialization accuracy over commodity audio channels in a personal computer. Article presented at the Computing Research Conference, University of Puerto Rico, Mayagüez Campus.

Sanchez, D., Fatema, K., Cremades, J.G., Adjouadi, M., & Barreto, A. (1999). The effects of human-computer interfaces in mental effort as measured by alpha activity. Article presented at the Computing Research Conference, University of Puerto Rico, Mayagüez Campus.

V. Presentations (Abstracts)

Cremades J.G., & Poczwardowski A. (2006). Master's program curriculum development based on AAASP certification standards. Abstract presented at the AAASP conference, Miami, FL.

Cremades, J.G., Wiggins, M.S., Lai, C., & Lee, J. (2006). Direction and intensity of trait anxiety as predictors burnout among collegiate athletes. Abstract presented at the AAASP conference, Miami, FL.

Wiggins, M.S., Cremades, J.G., Lai, C., Lee, J., & Erdmann, J.B. (2006). Multidimensional comparison of anxiety direction and burnout over time. Abstract presented at the AAASP conference, Miami, FL.

Adams, K., Hilliard, T. & Cremades J.G. (2006). The effects of physical practice on a novel mental imagery task as measured by electro-cortical activity. Abstract presented at the AAASP conference, Miami, FL.

Cremades J.G., & Kiefer A.C. (2006). Do alpha and beta frequencies display a concomitant behavior when learning a motor task with whole/part practice techniques? Abstract accepted at the NASPSPA Conference, Denver, CO.

Kiefer A.C., Cremades J.G., Poczwardowski A., Rosenberg D., & Starrat C. (2006). EEG recordings during the learning of a novel motor task using whole/part practice techniques. Abstract accepted at the NASPSPA Conference, Denver, CO.

Williams, R., Cremades, J.G., & Kiefer, A. (2005). The effects of imagery training on bench press kinematics. Abstract presented at the NASPSPA Conference, St. Petersburg, FL.

Andrade, R., Mier, C., Cremades, J.G., & Gibson, A. (2005). Training effects of adding resistive arm exercise to a walking program. Abstract presented at the ACSM Annual Meeting, Nashville, TN.

Rhea, C., Cremades, J.G., & Opala, E. (2005). "A comparative EMG analysis: abdominal crunches performed on a stable versus unstable surface." Abstract presented at the AAHPERD National Convention, Chicago, IL.

Cremades, J.G., & Massman, P.J. (2004). EEG recordings as predictors of kinesthetic and visual imagery ability. Abstract presented at the AAASP conference, Minneapolis, MN.

Lee, J., & Cremades, J.G. (2004). Performance, gender, and athletes' burnout in NCAA Division II basketball players. Abstract presented at the AAASP conference, Minneapolis, MN.

Bridger, K., & Cremades, J.G. (2003). Cross-cultural differences in childhood play activities among female collegiate athletes. Abstract presented at the AAASP conference, Philadelphia, PA.

Stroude, C., Cremades, J.G., & Lee, J.T. (2003). The influence of coach's interaction on the risk of eating disorders in female collegiate athletes. Abstract presented at the AAASP conference, Philadelphia, PA.

Lee, J.T., DaSilva D., & Cremades, J.G. (2003). A survey of motives for participation at an international wheelchair basketball competition. Abstract presented at the AAASP conference, Philadelphia, PA.

Cremades, J.G., DaSilva D., & Pease, D.G. (2003). The internal consistency and reliability of lower and upper alpha power as measures of kinesthetic and visual imagery ability. Abstract presented at the NASPSPA Conference, Savannah, GA.

Cremades, J.G., DaSilva D., Pease, D.G., & Werner, S. (2003). Concurrent validity of lower and upper alpha power as measures of kinesthetic and visual imagery ability. Abstract presented at the NASPSPA Conference, Savannah, GA.

Cremades, J.G., & Castillo, R. (2002). EEG measures under different levels of pressure prior to the execution of a motor task. Abstract presented at the SPR Conference, Washington, D.C.

Cremades, J.G., & Castillo, R. (2002). Lower alpha activity differences between successful and unsuccessful performance in a motor task. Abstract presented at the SPR Conference, Washington, D.C.

Cremades, J.G. (2002). Hemispheric activation differences in experts and novices during imagery performance: an EEG study. Abstract presented at the NASPSPA Conference, Hunt Valley, MD.

Castillo, R., Cremades, J.G., & Butcher, M. (2002). Relaxation techniques as a method to reduce re-injury anxiety in athletes. Abstract presented at the NASPSPA Conference, Hunt Valley, MD.

De Lima, P., Cremades, J.G., & Butcher, M. (2002). Gender as a mediating variable on the association between self-presentation and trait anxiety. Abstract presented at the NASPSPA Conference, Hunt Valley, MD.

Losito, F.M. & Cremades, J.G. (2002). The effects of guided and unguided imagery on basketball free-throw performance in novices. Abstract presented at the NASPSPA Conference, Hunt Valley, MD.

Cremades, J.G., Pease, D.G., Collins, D.J., Layne, C.S., Krull, K.R., & Peixoto, J.L. (2001). Electroencephalographic measures of imagery perspectives in expert and novice golfers during a putting task. Abstract presented at the AAASP conference, Orlando, FL.

Branum-Martin, Lee J.T., Pease D.G., & Cremades, J.G. (1999). Interpersonal process recall techniques as tools for reversal theory. Abstract presented at the Ninth International Conference on Reversal Theory, University of Windsor, Ontario, Canada.

Cremades, J.G., Suminski, R.R., Ryan, N.D., Vehrs, P., & Jackson A.S. (1999). Differences in maximal oxygen consumption between african american and Caucasian men. Abstract presented at the ACSM Annual Meeting, Seattle, WA.

Lam, E.T.C., Lee, J.T., Cremades, J.G., & Delikanaki, E. (1999). The effect of interneurological transfer on bilateral and unilateral arm movements. Abstract presented at the NASPSPA Conference, Tampa, FL.

Loze G.M., Collins D.J., & Cremades J.G. (1998). EEG measures of cerebral activation during tasks differing in both cognitive and attentional demands. Abstract presented at the BASES Convention, United Kingdom.

Solomon, S.G., Cremades, J.G., Lee, J.T. (1998). Telic and paratelic dominance: Its effect on tension and effort stress in collegiate fencers. Abstract presented at the Psychology in Education Conference, Hong-Kong, China.

Cremades, J.G., Zhang, J.J., & Pease, D.G. (1997). The effect of goal setting on the change of physiological indicators. Abstract presented at the Seventh Annual Houston Symposium for Research in Education, Houston, TX.

Hui, S.C., Cox, G., Cremades, J.G., & Rellinger, C.A. (1995). Validity and reliability of an innovated racquetball proficiency test battery. Abstract presented at the AAHPERD National Convention, Portland, OR.

Zhang, J.J., Pease, D.G., Hui, S.C., Saffici, C.L., Cremades, J.G., Pruett, C.J., & Michaud, T.J. (1995). Socio-demographic backgrounds as contingents variables affecting spectator satisfaction toward the support programs of an NBA team. Abstract presented at the NASSM Conference, Athens, GA.

Pease, D.G., Zhang, J.J., Hui, S.C., Rellinger, C.A., Saffici, C.L., Pruett, C.J., Cremades, J.G., & Michaud, T.J. (1995). Do the socio-demographic backgrounds of NBA spectators affect their decision-making on game attendance? Abstract presented at the NASSM Conference, Athens, GA.

Rudisill, M.E., Goodway, J.D., Lee, J.T. & Cremades, J.G. (1995). Planning macroscopic movements: A developmental comparison. Abstract presented at the NASPSPA Conference, Asilomar, CA.

Cremades, J.G., Zhang, J.J., & Rudisill, M.E. (1994). Car phones as a detriment to driving performance: A simulation study. Abstract presented at the TAHPERD Convention, Austin, TX.

VI. Research Interest: psychophysiological concomitants of human performance, specifically utilizing electroencephalography (EEG) and electromyography (EMG) as measurement techniques.

Grants and fellowships

Acquisition of state-of-the-art electroencephalographic equipment for enhancing scientific inquiry of students in a minority-serving institution. (2006). National Science Foundation – Major Research Instrumentation Program. \$153,814. Principal Investigator: Dr. J. Gualberto Cremades.

Electromyography analysis during tennis serves in collegiate tennis players. (2004). United States Tennis Association, \$10,000. Principal Investigator: Dr. J. Gualberto Cremades. Not Funded.

Electrocortical measures during guided and unguided imagery in novices and experts. (2003). National Science Foundation – Directorate for Social, Behavioral, and Economic Sciences, \$110,136. Principal Investigator: Dr. J. Gualberto Cremades. Not Funded.

A Southeast alliance for the integration of people with disabilities in education, research and technological development. (2002). National Science Foundation – Program for Persons with Disabilities (NSF-PPD Alliance), \$3,986,756. Principal Investigators: Dr. Malek Adjouadi, Dr. Armando Barreto, Dr. Prasana Jayakar, Dr. Julio Garcia, Dr. Ana Pasztor, Dr. Julia Jacko, Dr. Fernando Gonzalez, Dr. J. Gualberto Cremades. Not Funded.

Alpha activity measures in expert and novice tennis players prior to the serving motion. (2001). Research Scholarship Fund, Barry University, \$16,652. Principal Investigator: Dr. J. Gualberto Cremades. Research Assistant: David DaSilva. Funded.

Acquisition of an EEG-based imaging system for human-computer interface research. (1999). National Science Foundation – Directorate for Social, Behavioral, and Economic Sciences, \$208,750. Principal investigators: Dr. Malek Adjouadi, Dr. Armando Barreto, Dr. Julie Jacko. Research Associate: Dr. J. Gualberto Cremades. Funded.

High spatial resolution EEG studies towards the design of balanced human computer interfaces. (1999). Postdoctoral Research Fellowship in Biological Informatics - National Science Foundation – Directorate for Biological Sciences, \$100,000. Principal investigators: Dr. J. Gualberto Cremades. Not Funded.

Cognitive and affective factors linked to successful performance in elite and developing women foil fencers. (1998). United States Olympic Committee Grant, \$31,440. Principal investigators: Dr. Dale G. Pease, Dr. John Heil, Michael Marx. Research Assistants: Cremades, J.G., Lee, J.T. Funded.

Planning macroscopic aspects of manual control: A preliminary developmental investigation. (1995). University of Houston Limited Grant-in-Aid Program, \$1,920. Principal investigators: Rudisill, M., Goodway, J.D. Research Assistants: Cremades, J.G., Blume, M., Lee, J.T. Funded.

Teaching Activities

I. Barry University (2000-2008)

SES 701	Advanced Statistics
SES 689	Thesis in Sport and Exercise Psychology
SES 686	Practicum in Sport and Exercise Psychology
SES 679	Internship in Sport and Exercise Psychology
SES 678	Sport and Exercise Psychology Professional Practice
SES 677	Sport and Exercise Psychology Service Delivery
SES 662	Exercise Psychology
SES 660	Performance Enhancement of Psychology
SES 625	Motor Learning and Control
SES 616	Research Methods
SES 524	Teaching Health/Physical Education in Elementary
SES 537	Sport Psychology

SES 350 *Tests and Measurement*
SES 335 *Psycho-Social Aspects of Sport*
SES 326 *Principles of Motor Learning*

II. Florida International University (1999-2000)

PET 3310 *Kinesiology*
PEM 2101 *Foundations of Fitness*

III. University of Houston (1992-1995, 1996-1998)

PEP 7397 *Psychophysiology in Human Performance*
 (Lab and Teaching Assistant)
KIN 4315 *Motor Control and Learning*
KIN 3350 *Psychological Aspects of Sport and Exercise*
KIN 1252 *History of Physical Education*
KIN 2103 *Basketball/ Softball/ Flag football*
PEB 1251 *Exercise for Health and Fitness*
PEB 1101 *Fitness and Health*
PEB 1121 *Intermediate Swimming*
PEB 1120 *Beginning Swimming*
PEB 1130 *Golf*
PEB 1136 *Racquetball*
PEB 1138 *Beginning Tennis*
PEB 1144 *Basketball*
PEB 1146 *Soccer*

IV. Manchester Metropolitan University (1995-1996)

BSc 69115 *Sport Psychology*
BA 69101 *Research Methods*

V. Private Schools

A. *Club de Natacion Alacant, Alicante, Spain, Summer 1995. Swimming instructor for children and teenagers. Organization and coordination of different activities within the swimming school.*

B. *Club de Tenis Alacant, Alicante, Spain, Summer 1989. Physical trainer and counselor as well as tennis instructor for teenagers. Organization and coordination of different activities within the tennis school.*

C. *Escuela de Nazaret, Alicante, Spain, Summer 1988. Swimming instructor for problem children at the Nazaret orphanage. Responsibility over many situations requiring patience, understanding and effective communication skills.*

Seminars and Presentations

“Research and Practice in Sport and Exercise Psychology: is it a form of counseling?” Department of Counseling, Barry University, Miami, FL, January 2005.

“Developing and Implementing a Grant Proposal.” School of Nursing, Barry University, Miami, FL, December 2003.

“Sport and Exercise Psychology.” Department of Psychology, Florida International University, Miami, FL, 2001.

“Brain Activity Research and Computer Interfaces using the ESI-256 Electrodes.” Department of Health and Human Performance, University of Houston, Houston, TX, October 2000.

“Experimental Design and Statistical Analysis.” Electrical and Computer Engineering Department, Florida International University, Miami, FL, November 1999.

“La Psicofisiología Aplicada al Deporte.” Instituto Nacional de Educacion Fisica (I.N.E.F.), Madrid, Spain, December 1996.

“Estudios de Post-graduado en los Estados Unidos de America.” Instituto Nacional de Educacion Fisica (I.N.E.F.), Madrid, Spain, December 1996.

“European Socrates Programme.” Facultad de Ciencias en la Actividad Fisica y el Deporte, Granada, Spain, May 1996.

Professional Consulting

I. Sport Psychology Consultant and Supervisor (2001-2008)

A. Provide sport psychology consultation services to Barry University athletes, coaches, and staff.

B. Provide sport psychology consultation services to athletes, coaches, and staff in the Miami-Dade and Broward communities.

C. Provide supervision to practicum students in the Sport and Exercise Psychology Masters program at Barry University.

II. Mental Training Experiences (1995-1999)

A. Provide mental conditioning services to University of Houston athletes, coaches, and staff.

B. Provide mental conditioning services to athletes, coaches, and staff in the Greater Houston area.

C. Provide mental conditioning services to United Kingdom Olympic athletes, coaches, and staff as partial requirement of a doctoral internship at the Manchester Metropolitan University.

Associated University Service

I. Representation on Committees

A. *Institutional Review Board. (2005-2007). Department of Sport and Exercise Sciences, Barry University.*

B. *Faculty Senate Communiqué Committee. (2002-2006). Department of Sport and Exercise Sciences, Barry University.*

C. *Grade Appeals Committee. (2003-2005). Department of Sport and Exercise Sciences, Barry University.*

D. *Research and Grants Council Representative. (2001-2003). Department of Sport and Exercise Sciences, Barry University.*

E. *Social Activities Committee Representative. (2001-2002). Department of Sport and Exercise Sciences, Barry University.*

F. *European Network Representative. (1995-1996). Department of Exercise and Sport Science, Manchester Metropolitan University.*

G. *Graduate Student Representative. (1997-1998). Department of Health and Human Performance, University of Houston.*

II. Sports Activities

A. *University of Houston Intramural Office. (1992-1999). Organizer and coordinator of intramural soccer, basketball, and softball leagues at the University. Referee duties for many games.*

B. *President, Towers Sports Committee. (1991-1992). Organizer of different sports activities at the Residence Halls (University of Houston).*

III. Residence Halls (University of Houston)

A. *Security Guard. (1990-1991). Enforcement of protective measures to maintain student safety standards, including patrolling and monitoring the residence.*

B. *Resident Advisor. (1997-1998). Supervising and advising students living in the residence Halls at the University of Houston.*

Community Activities

I. **Hebrew Home**, Miami Beach, FL, 2005-2006. *Pet therapy involving weekly visits with my trained dog to comfort the elderly.*

II. **Miracle Acres, Kennel and Pet Resort**, Davie, FL, 2003-2005. *Caring for pets and helping out with adoption policies.*

III. **Greater Miami Tennis Foundation**, Coral Gables, Miami, FL, 2001-2005. *Volunteering during tournaments to promote the game of tennis in low-income families*

IV. **Summer Camp Director**, Coral Gables Youth Center, Miami, FL, Summer 1999. *Organizing and supervising activities for children.*

V. **Mental Health Instructor**, Houston, TX, 1992-1994. Parenting skills teacher in the Houston Independent School District. Program supervised by the Houston Advocates for Mentally ill Children.

VI. **Soccer Coach**, Houston, TX, 1994. Meadows Women's I Division Team, Houston.

L a n g u a g e s

English: read, write, and speak fluently.

Spanish: read, write, and speak fluently.

Catalán: read, and speak.

C e r t i f i c a t i o n s

Certified Consultant - Association for the Advancement of Applied Sport Psychology, AAASP.

First Certificate in English, University of Cambridge, U.K.

Football Association Certificate, U.K.

P r o f e s s i o n a l M e m b e r s h i p s a n d A f f i l i a t i o n s

Active Faculty member in the Center for the Advancement of Technology and Education – CATE, at Florida International University, College of Engineering.

Association for the Advancement of Applied Sport Psychology, AASP.

North American Society for the Psychology of Sport and Physical Activity, NASPSPA.

H o n o r s a n d A w a r d s

Certificate of Professional Development, Barry University, 2002-2005.

Outstanding Graduate Student Award, University of Houston, 1997-1998.

Dean's list, University of Houston, 1989-90 and 1990-1991.