

**4<sup>th</sup> Annual Campbell Collaboration Colloquium**

**“Improving C2”**

**February, 2004. Washington D.C. USA**

Improving Campbell Collaboration. Spanish view\*

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\* Supported by CFP University of Seville (Spain).

# Structure of the Presentation

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- **Describing the situation in Spain in relation to C2:**

- (A) **Research groups related to meta-analysis and C2 in Spain.**

- (B) **What have we done to collaborate and participate in C2?**

- **Describing our expectations in C2:**

- (C) **What do we hope to contribute to C2?**

- (D) **What contributions do we hope C2 can make in our Country?**

## (A) Research Groups Related to Meta-analysis and C2 in Spain

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### (1) Statistical Methods for Meta-analysis:

#### **Members:**

Julio Sánchez-Meca, Fulgencio Marín-Martínez, Tania B. Huedo (University of Murcia), and Salvador Chacón-Moscoso, David Alarcón-Rubio and Susana Sanduvete-Chaves (University of Seville)

#### **Some publications:**

Sánchez-Meca, J. & Marín-Martínez, F. (2001). Meta-analysis of 2x2 tables: Estimating a common risk difference. *Educational & Psychological Measurement*, 61, 249-276.

Sánchez-Meca, J. & Marín-Martínez, F. (1998). Testing continuous moderators in meta-analysis: A comparison of procedures. *British Journal of Mathematical & Statistical Psychology*, 51, 311-326.

Sánchez-Meca, J. & Marín-Martínez, F. (1998). Weighting by inverse-variance or by sample size in meta-analysis: A simulation study. *Educational & Psychological Measurement*, 58, 211-220.

## **(A) Research Groups Related to Meta-analysis and C2 in Spain**

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### **(2) Meta-analysis of Delinquency Treatment Outcome:**

#### **Members:**

Santiago Redondo (University of Barcelona), Vicente Garrido, Angie Morales (University of Valencia), Julio Sánchez-Meca and Fulgencio Marín-Martínez (University of Murcia).

#### **Some publications:**

Redondo, S., Sánchez-Meca, J., & Garrido, V. (2002). Crime treatment in Europe: A final view of the century and future perspectives. In J. McGuire (Ed.), *Offender Rehabilitation and Treatment: Effective Programmes and Policies to Reduce Reoffending* (pp. 113-141). Sussex, England: Wiley.

Redondo, S., Sánchez-Meca, J., & Garrido, V. (1999). The influence of treatment programmes on the recidivism of juvenile and adult offenders. An European meta-analytic review. *Psychology, Crime, & Law*, 5, 251-278.

## **(A) Research Groups Related to Meta-analysis and C2 in Spain**

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### **(3) Meta-analysis of Psychological Treatment Outcome:**

#### **Members:**

Julio Sánchez-Meca, Fulgencio Marín-Martínez, F. Xavier Méndez, Ana I. Rosa, José Olivares, Antonia Gómez, Pedro J. Moreno, Tania B. Huedo, and Mireia Orgilés (University of Murcia)  
Cándido J. Inglés and José P. Espada (Miguel Hernández University, Elche).

#### **Some publications:**

Moreno, P.J., Méndez, F.X., & Sánchez-Meca, J. (2001). Effectiveness of cognitive-behavioural treatment in social phobia: A meta-analytic review. *Psychology in Spain*, 5, 17-25. [<http://www.psychologyinspain.com/>].

Sánchez-Meca, J., Olivares, J., & Rosa, A.I. (1999). The problem of tobacco addiction: Meta-analysis of behavioural treatments in Spain. *Psychology in Spain*, 3, 36-45. [<http://www.psychologyinspain.com/>].

## (A) Research Groups Related to Meta-analysis and C2 in Spain

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### (4) Design and Measurement in Program Evaluation:

#### **Members:**

Salvador Chacón-Moscoso, David Alarcón-Rubio, Susana Sanduvete-Chaves, José A. Pérez-Gil and José Miguel López-García (University of Seville); Francisco Pablo Holgado-Tello (UNED, Madrid); M<sup>a</sup> Teresa Anguera-Argilaga (University of Barcelona); Julio Sánchez-Meca (University of Murcia)

#### **Some publications:**

Chacón-Moscoso, S. & Shadish, W. (2001). Observational studies and quasi-experimental designs: Similarities, differences, and generalization. *Metodología de las Ciencias del Comportamiento*, 3, 283-290.

Chacón-Moscoso, S., Anguera, M.T, Pérez-Gil, J.A. & Holgado Tello, F.P. (2002). A mutual catalytic model for formative evaluations. *Evaluation*, 8, 413-432.

Chacón-Moscoso, S., Anguera, M.T & Sánchez-Meca, J. (in preparation). *Generalization of Program Evaluation Results*. In Anguera-Argilaga, M.T., Chacón-Moscoso, S & Blanco, A (2003). *Evaluation of social and health interventions: A methodological perspective*. Madrid: Síntesis.

## **(B) What Have We Done to Collaborate and Participate in C2?**

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### **(1) Attending to:**

- C2 Annual Meetings (Philadelphia, 2000, 2001, and 2002).
- C2 Methods Group Meeting (Baltimore, September, 2002).
- C2 Annual Meeting (Stockholm, 2003).

## **(B) What Have We Done to Collaborate and Participate in C2?**

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### **(2) The Meta-analysis Unit (University of Murcia), created in 2001:**

**<http://www.um.es/sip/UnidadMA1.html>**

#### *Members:*

Julio Sánchez-Meca, Fulgencio Marín-Martínez, Tania B. Huedo (University of Murcia), and Salvador Chacón-Moscoso, David Alarcón-Rubio and Susana Sanduvete-Chaves (University of Seville).

#### *Functions:*

- ▣ Advice for carrying out meta-analytic reviews in social, educational, behavioural, and health sciences.
- ▣ Availability of a database of meta-analytic studies in various scientific disciplines (Criminology, Economics, Education, Medicine, Nursing, Psychology, Social Work, ...) and about the methodology of meta-analysis.

#### *Financial support:*

- ▣ University of Murcia.
- ▣ Grants from the Spanish Government for carrying out meta-analytic research.



## (B) What Have We Done to Collaborate and Participate in C2?

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### (3) Promoting the C2 in the European context:

- Papers presented to meetings:

Sánchez-Meca, J., Boruch, R. F., Petrosino, A., Chacón, S., & Díaz, A. (2001, September). *The Campbell Collaboration: A project for the systematic review of interventions*. **VII Congress of Methodology of the Social and Health Sciences**, Madrid (Spain).

Sánchez-Meca, J., Boruch, R. F., & Petrosino, A. (2001, July). *The Campbell Collaboration: A project for the systematic review of evaluative studies*. **Ist Professional Congress of Politicians and Sociologists**, Madrid (Spain).

## (B) What Have We Done to Collaborate and Participate in C2?

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### (3) Promoting the C2 in the European context:

- Symposium organization:

The Campbell Collaboration (C2) and Evidence-Based Decision-Making. 5<sup>th</sup> European Evaluation Society Conference. Seville, Spain.

Participants: S. Chacón-Moscoso (Spain), A. Oakley (UK), J. Sánchez-Meca (Spain), W. Shadish (USA), and H. Soydan (Sweden).

- Published paper:

Sánchez-Meca, J., Boruch, R.F., Petrosino, A., & Rosa, A.I. (2002). The Campbell Collaboration and the evidence-based practice. *Papeles del Psicólogo*, 83, 44-48.

## (C) What Do We Hope to Contribute to C2?

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- Recovering the Spanish (AND European) literature for *C2-SPECTR* about:
  - ▣ Systematic reviews.
  - ▣ Randomized intervention studies.
  - ▣ Non-randomized intervention studies.
- Promoting the C2 in the Spanish context (South America).
- Offering advice for carrying out C2 meta-analyses.
- Participating in C2 meta-analyses.

## **(C) What contributions do we hope C2 can make in our Country?**

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- Technical assistance to be involved in C2 reviews.
- Interaction with colleagues interested in similar topics to us.
- Possibility of real active participation in decision-making.
- Support for developing new projects related to C2.