Proposal for a new Campbell/Cochrane co-registered review within the Developmental, Psychosocial and Learning Problems Group

Please complete and send this form to Chris.Champion@bristol.ac.uk
Chris Champion, Managing Editor, Cochrane DPLPG, School for Policy Studies,
University of Bristol, 8 Priory Road, Bristol BS8 1TZ UK
Tel: +44 117 954 6782; Fax: +44 117 954 6623

Useful notes for completing this form appear at the end of this document. Please consult before beginning.

Authors completing this form are also advised to note that whilst preparing their review they are required to read and follow: Higgins JPT, Green S (editors). *Cochrane Handbook for Systematic Reviews of Interventions* Version 5.0.0 [updated February 2008]. The Cochrane Collaboration, 2008. Available in a browsable form from www.cochrane-handbook.org and in book form from Wiley from September 2008.

Campbell Collaboration guidelines for authors may also be viewed at:
http://www.campbellcollaboration.org/guidelines.asp

Authors are also advised that if their title registration is accepted, a modified version of this form will be published on the website of the Campbell Collaboration (www.campbellcollaboration.org)

Proposed Title (Using Standard Format)

Early Intensive Behavioral Intervention for Young Children with Autism Spectrum Disorders

Contact Author Name

Brian Reichow

Motivation for review

Early intensive behavioural intervention (EIBI) for young children with autism is the most researched comprehensive intervention program for young children with autism. As such, it is one of the most frequently requested, recommended, and used treatment programs for young children with autism. Recently three meta-analyses (Eldevik et al., 2009; Reichow & Wolery, 2009; Spreckley & Boyd, 2009) were published with conflicting results and recommendations for practice. The research team wishes to conduct a systematic review, with the intention of conducting a meta-analysis where possible and appropriate, of EIBI for young children with autism.

References:

Eldevik, S., Hastings, R. P., Hughes, C., Jahr, E., Eikeseth, S., & Cross, S. (2009). Meta-analysis of early intensive behavioral intervention for children with autism. *Journal of Clinical Child & Adolescent Psychology, 38,* 439-450.

Reichow, B., & Wolery, M. (2009). Comprehensive synthesis of early intensive behavioral interventions for young children with autism based on the UCLA Young Autism Project model. *Journal of Autism and Developmental Disorders, 39,* 23-41.

Spreckley, M., & Boyd, R. (2009). Efficacy of applied behavioral intervention in preschool children with autism for improving cognitive, language, and adaptive behavior: A systematic review and meta-analysis. *The Journal of Pediatrics, 154,* 338-344.

Has the review already been carried out or published? No

Description of proposal

For all points at which you are advised to see Section 4.5 of the Cochrane Handbook for Systematic Reviews of Interventions, available at www.cochrane-handbook.org :

(a) Objective of review (briefly stated) – Systematically review the evidence for the effectiveness of EIBI for young children with autism spectrum.

(b) Types of study – Randomized control trials and quasi-randomized designs comparing the intervention with a control group or a second intervention will be included.

(c) Participants – Young children with autistic disorder, Asperger syndrome, or pervasive developmental disorder, not otherwise specified who are younger than 7-years-old at the onset of treatment will be included in the review.

(d) Interventions and specific comparisons to be made
experimental – experimental interventions using EIBI with a duration of at least 1 year.
comparison – included studies will compare treatment (EIBI) to a group not receiving treatment (e.g., no treatment control, waitlist control, and treatment as usual, which might consist of parent-directed treatment and eclectic school/center programs). When conducting analyses of the review, syntheses across comparison groups will not be made (e.g., results from EIBI v. no treatment control and EIBI v. treatment as usual will not be combined) and syntheses across the two potential types of treatment as usual groups will not be made.

(e) Outcomes – The primary outcome measure will be adaptive behaviour (e.g., Vineland Adaptive Behaviour Scales). Secondary outcome measures will include formalized measures of IQ, expressive and receptive language, and psychopathology (i.e., autistic symptomatology), and quality of life.

(f) What subgroup analyses do you intend to undertake?

- **participant age**
- **level of pre-treatment intelligence, language skills, adaptive behaviour, and level of psychopathology (i.e., severity of autistic symptoms)**
- **intervention dosage (e.g., hours per week, duration, total hours of therapy)**
- **type of EIBI**

(g) Other information relevant to this proposal

Review author team and area of expertise

	Name	Area of expertise *(please indicate the background and skills of each review author and the expertise they bring to the review team e.g. content, methodology; statistics)*
Contact author:	**Brian Reichow**	**content, methodology**
Co-author(s) :	**Erin Barton**	**content**
	Brian Boyd	**content**
	Kara Hume	**content**

Do you or your co-authors have any interests in this topic that could be perceived as conflicts of interest?

Campbell/ Cochrane Reviews should be free of any real or perceived bias introduced by the receipt of any benefit in cash or kind, any hospitality, or any subsidy derived from any source that may have or be perceived to have an interest in the outcome of the review. It is a matter of Cochrane Collaboration policy that direct funding from a single source with a vested interest in the results of the review is not acceptable. See *http://www.cochrane.org/docs/commercialsponsorship.htm*

Yes ☐ No ☒

If 'yes', what are they?

Is this review the subject of specific funding and/or does it need to be finished within a specific timeframe? If yes, please give details. No.

Roles and responsibilities

TASK	WHO HAS AGREED TO UNDERTAKE THE TASK?
Draft the protocol	**Drs. Reichow, Barton, Boyd, and Hume**
Develop a search strategy	**Dr. Reichow and CDPLPG search coordinator**
Select which trials to include (2 people + 1 arbiter in the event of dispute)	**Drs. Reichow and Barton, with disagreements resolved through mediation and consultation with Drs. Boyd and Hume**
Extract data from trials (2 people)	**Drs. Reichow, Barton, Boyd, and Hume**
Enter data into RevMan (Cochrane software)	**Drs. Reichow, Barton, Boyd, and Hume**
Carry out the analysis	**Drs. Reichow, Barton, Boyd, and Hume with assistance from a statistician**
Interpret the analysis	**Drs. Reichow, Barton, Boyd, and Hume**
Draft the final review	**Drs. Reichow, Barton, Boyd, and Hume**
Keep the review up to date	**Dr. Reichow**

Other information

Have you or a co-author written a systematic review before?.....	Yes ☒ No ☐
If yes, was it a Campbell or Cochrane Review?.....	Yes ☐ No ☒
Have you attended a Campbell or Cochrane Review training workshop?.....	Yes ☒ No ☐
If yes, which one?.Belfast, November 3, 2009.....	
If no, do you require assistance in planning to?	Yes ☐ No ☒
What type of computer do you use?.....	Mac ☐ PC ☒
Do you have a copy of RevMan 5.0, the latest version Cochrane Review Manager software?	Yes ☒ No ☐
Do you have access to a statistician **(strongly recommended?)?**	Yes ☒ No ☐
Do you predominantly speak / write in a language other than English?	Yes ☐ No ☒
Do you have access to electronic databases relevant to your review topic (eg MEDLINE, PubMed, *The Cochrane Library,* PsycINFO?)	Yes ☒ No ☐
Do you have access to a medical / University library:	Yes ☒ No ☐
If yes, can you order journal articles not held in the Library?	Yes ☒ No ☐
Have you experience of searching databases yourself?	Yes ☒ No ☐
Do you have access to reference management software (eg Procite, EndNote, Reference Manager): If yes, which software, and what version? EndNote	Yes ☒ No ☐

Provisional dates for submission of drafts to editorial base

(A) Draft PROTOCOL July 1, 2010……..

(B) Draft REVIEW July 1, 2011. ……

Agreement to Editorial Review and Publication in The Cochrane Library

By completing this title registration form, **you agree to submit a draft protocol within 6 months.** If there is no correspondence from you during this period, or no draft protocol has been received, the Cochrane Review Group

reserves the right to de-register the title or transfer the title to a new author.

Please note that the CDPLPG does not undertake to publish all protocols submitted (however many iterations are submitted) if they do not meet editorial standards. Please note that the CDPLPG routinely requests that **data extraction sheets** be submitted along with drafts of completed reviews**.**

By completing and returning this form, you are accepting responsibility for maintaining and updating the review in accordance with Cochrane Collaboration policy, i.e. you will be responsible for ensuring the review is updated at least every two years. If you are unable to update this review the Review Group reserves the right to transfer the review to a new author.

The support of the editorial team in producing your review is conditional upon your agreement to publish the protocol and finished review, together with subsequent updates, in the Cochrane Library and within the Campbell Library. By completing and signing this form you undertake to publish firstly in The Cochrane Library/ the Campbell Library (concurrent publication in other journals may be allowed in certain circumstances with prior permission of the editorial team). Signatures from all authors on permission-to-publish forms will be required when protocols, reviews and updates are published.

I understand the long-term commitment necessary when undertaking a Campbell/Cochrane Review.

Form completed by: Brian Reichow…… Date: December 15, 2009

Details of contact author (who may or may not be first author on the review)

Prefix (e.g. Ms, Dr):	Dr.	First name:	Brian
Middle names:		Family name:	Reichow
Email address:	brian.reichow@yale.edu	Web address:	
Job Title/Position:	Post-Doctoral Associate		
Department:	Child Study Center		
Organisation:	Yale University School of Medicine		
Street/Address:	40 Temple Street Suite 7-D		
City:	New Haven		
State/Province:	CT		
Post/Zip code:	06510	Country:	USA
Telephone number:	203-737-1352	Fax number:	203-764-4373
Mobile number:	203-824-6973		

Privacy *(this relates to the manner in which your contact details are held on our database, which is shared with other Cochrane entities).*

Hide address details	Yes ☐	No ☒
Hide email address	Yes ☐	No ☒
Hide mobile ph.	Yes ☒	No ☐

Bulk mailings accepted: None ☐ From primary entity (the CDPLPG) only ☐ From affiliated entities in the Cochrane Collaboration only ☐ All ☒

Country of origin: USA Gender: Female ☐ Male ☒

Details of co-author(s)

Prefix (e.g. Ms, Dr):	Dr.	First name:	Erin
Middle names:	E	Family name:	Barton

Email address:	ebarton@uoregon.edu	Web address:	
Job Title/Position:	Assistant Professor		
Department:	College of Education		
	Special Education and Clinical Sciences		
Organisation:	University of Oregon		
Street/Address:	HEDCO Education Building		
	1655 Alder Street.		
City:	Eugene		
State/Province:	OR		
Post/Zip code:	97403	Country:	USA
Telephone number:	541-346-2523	Fax number:	
Mobile number:			
Privacy *(this relates to the manner in which your contact details are held on our database, which is shared with other Cochrane entities).*	Hide address details Hide email address Hide mobile ph.	Yes ☐ No ☒ Yes ☐ No ☒ Yes ☒ No ☐	
Bulk mailings accepted:	None ☒ From primary entity (the CDPLPG only) ☐ From affiliated Cochrane entities only ☐ All ☐		
Country of origin:	USA	Gender:	Female ☒ Male ☐

Details of co-author(s)

Prefix (e.g. Ms, Dr):	Dr.	First name:	Brian
Middle names:	A	Family name:	Boyd
Email address:	brian_boyd@med.unc.edu	Web address:	
Job Title/Position:	Assistant Professor		
Department:	Division of Occupational Sciences, Department of Allied Health Sciences		
Organisation:	University of North Carolina at Chapel Hill		
Street/Address:			
City:	Chapel Hill		
State/Province:	NC		
Post/Zip code:		Country:	USA
Telephone number:	919-962-6035	Fax number:	
Mobile number:			
Privacy *(this relates to the manner in which your contact details are held on our database, which is shared with other Cochrane entities).*	Hide address details Hide email address Hide mobile ph.	Yes ☐ No ☒ Yes ☐ No ☒ Yes ☒ No ☐	
Bulk mailings accepted:	None ☒ From primary entity (the CDPLPG only) ☐ From affiliated Cochrane entities only ☐ All ☐		
Country of origin:	USA	Gender:	Female ☐ Male ☒

Details of co-author(s)

Prefix (e.g. Ms, Dr):	Dr.	First name:	Kara
Middle names:		Family name:	Hume
Email address:	hume@mail.fpg.unc.edu	Web address:	
Job Title/Position:	Investigator		
Department:	Frank Porter Graham Child Development Institute		
Organisation:	University of North Carolina at Chapel Hill		
Street/Address:	CB 8180		
City:	Chapel Hill		
State/Province:	NC		
Post/Zip code:	27599-8180	Country:	USA
Telephone number:	(919) 843-2291	Fax number:	
Mobile number:			

Privacy *(this relates to the manner in which your contact details are held on our database, which is shared with other Cochrane entities).*

Hide address details Yes ☐ No ☒
Hide email address Yes ☐ No ☒
Hide mobile ph. Yes ☒ No ☐

Bulk mailings accepted: None ☒ From primary entity (the CDPLPG only) ☐ From affiliated Cochrane entities only ☐ All ☐

Country of origin: USA Gender: Female ☒ Male ☐

For office use only

1. Approved title:

……

2. Approved by:

(a) Name: ……..…
.
Role …… … **Date approved** ……

(b) Name: ……

Role: …… **Date approved** ……

3. Review number:

4. Contact identifiers:

5. Date registered in IMS: ……

6. Notes (e.g., CRGs who will provide referees)

Notes for Review Authors Completing the Title Registration Form

Proposed Title

There is a standard format for Cochrane Titles:

[intervention] FOR *[health problem/ issue]* e.g. antibiotics for infection
[intervention A] VERSUS *[intervention B]* FOR *[health problem/ issue]* e.g. short term versus long term antibiotics for infection
[intervention] *FOR [health problem/issue]* IN *[participant group]* e.g. antibiotics for infection in children

Description of proposal

Your proposal should not overlap with reviews already published or underway. Please refer to the protocols and reviews currently published in the Cochrane Database of Systematic Reviews on *The Cochrane Library* for this information. To identify our Group's publications, use the search term SR-BEHAV.

(a) Objective

What is the research question? Try to state in 1-3 sentences at most.

(c) Types of study

Outline the types of studies that will be included in the review (for example: randomised controlled trials? Quasi-randomised controlled trials? Interrupted time series?) Give thought to whether there are aspects of study methodology that you feel render the study invalid for inclusion, e.g. lack of randomisation, failure to conceal allocation or, in reviews where the outcomes are very subjective (e.g. global assessment of improvement or levels of depression), blinding of the outcome assessor.
See section 4.5 of the Cochrane Handbook for Systematic Reviews of Interventions at http://www.cochrane-handbook.org/
.

(d) Participants

Outline the types of populations to be included and excluded, with thought given to aspects of the participants receiving the intervention, e.g. age and gender, the type/stage of disease/condition, the method of diagnosis, co-morbidities and co-interventions. It may be that your review concerns interventions aimed only at particular socio-economic groups; if so, that should be stated clearly.

(e) Interventions and specific comparisons to be made

Outline what variations of the intervention (e.g. dose, mode of delivery, by whom it is delivered) will be included and the intervention will be compared to e.g. placebo or no treatment, wait-list control, or other interventions.

(f) Outcomes

List primary (the main conclusions will be based on the primary outcomes) and secondary outcomes to be included in the review, giving thought to those likely to be important to those suffering from the condition/ disorder as well as those treating them. Give thought to the inclusion of adverse effects. Finally, give some thought to how your outcomes may be measured (e.g., by validated scales?) and by whom (self-report; clinician's report; parent's report?). Consideration should be given to both the type of scale or count likely to be used and the timing of the measurement.

(g) What subgroup analysis do you intend to undertake?

Will certain factors be investigated for their influence on the size of the treatment effect, e.g. dose of active treatment, age of those receiving the treatment, severity of condition, by time (in the case of conditions where diagnoses has varied over time?)

(h) Other information relevant to this proposal

You may wish at this point to add other information including the relevance of this review to consumers or policymakers.

Proposed authors

List names of those who will be cited as authors on the final publication.
Contact author name:

This is the person who develops and co-ordinate the review team, discusses and assigns roles for individual members of the review team, liaises with the editorial base and takes responsibility for the on-going updates of the review

Co-author(s) name(s):

There should be at least one co-author; add as many names as necessary

Content expert name:

There should be at least one person on the review team who has content expertise

Methodologist name:

There should be at least one person on the review team who has methodological expertise

Statistician name:

There should be at least one person on the review team who has statistical expertise

Do you or your co-authors have any interests in this topic that could be perceived as conflicts of interest?

Campbell/Cochrane Reviews should be free of any real or perceived bias introduced by the receipt of any benefit in cash or kind, any hospitality, or any subsidy derived from any source that may have or be perceived to have an interest in the outcome of the review. It is a matter of Cochrane Collaboration policy that direct funding from a single source with a vested interest in the results of the review is not acceptable.

Roles and responsibilities

It is the contact author's responsibility to discuss and assign roles for individual members of the review team and to develop the review team to ensure that there is provision for the review to be updated, even if the contact author cannot continue in this role. Whilst keeping in mind that roles may change during the preparation of the review, it is important to discuss at an early stage how each co-author will contribute. Please give an indication that the responsibility for the preparation of the review is in hand by specifying who has agreed to complete the following tasks.

Other information, and assistance requested

Please answer 'yes' or 'no'.

Provisional dates for submission of drafts to editorial base

Titles must be approved by the editorial team before you start to prepare the protocol/review. Note that the policy of the group, in accordance with that of The Cochrane Collaboration requires that you submit your protocol within 6 months of registering the title, and that the first draft of the review is submitted within 12 months of the protocol being published.

Agreement to Editorial Review and Publication in the Cochrane Library / Campbell Library

Please read and complete this section.

Details of contact author and co-authors

Add details of contact author and copy and paste this box to include more co-authors as required. Please note that the details about 'Privacy' relate to the maintenance of your contact details on the Cochrane Collaboration IMS database. Access to this database can be limited at many levels – to this Group; to other Cochrane affiliates (e.g, the Cochrane Child Health Field); to both the Campbell and Cochrane Collaborations at large.