

INTERNATIONAL

NEWSLETTER – SEPTEMBER 2010

STUDY OF

ASTHMA AND

ALLERGIES IN

CHILDHOOD

CORRESPONDENCE TO:

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Sub editor - P Ellwood

Dear ISAAC colleagues and friends,

Although this is our only newsletter for 2010 we have been communicating with many of you throughout the year about ISAAC Phase One individual data, Phase Three summary data and the exciting development of the ISAAC Story.

We had hoped to have some good news for you regarding the future of ISAAC particularly about Phase Five and whether it will go ahead. Unfortunately, our funding application to the Gates Foundation and to several other international funding bodies were declined. We are still waiting to hear about one other international application. We will most certainly inform you if this is successful.

We have seen a large number of ISAAC publications continuing. Some have attracted editorials, which are included in this newsletter.

ISAAC Website and the ISAAC Story

We encourage you to use the ISAAC website (<http://isaac.auckland.ac.nz>). You may be surprised how useful this is for you. The recent developments with the website are summarised in three pages in this newsletter. The website content continues to expand, especially the resources section which is the essence of Phase Four. Please let us know if there is anything that you would like to add to this section. The publication section has become more user friendly and comprehensive. We would like your assistance with finding six articles for our library and email addresses for eight collaborators. Two new sections have been added: Phase Three summary results and Phase One individual data. If you haven't yet completed a data release form for your centre, you will find them in this newsletter on pages 4 and 5.

What was tentatively called the ISAAC monograph is now called the ISAAC Story as we believe this better reflects the nature of this web based narrative. We will be contacting you further for your input (see later in this newsletter).

ISAAC at the ATS

The 2010 ISAAC collaborators reception took place at the ATS in New Orleans USA. This was the first time that an ISAAC reception had been held at the ATS and although small numbers attended, those who came appreciated the opportunity to meet with other ISAAC collaborators (see report). There will be no formal reception at the ERS this year.

Social networking sites on the web

An increasing number of invitations to join these sites are being received by the IIDC. Unfortunately there is no time to join these groups and participate in the communications. The IIDC staff do not intend any disrespect when we decline these invitations and hope that our ISAAC colleagues around the world understand this position.

ISAAC Profiles

Now that we have finished profiling the ISAAC Steering Committee members and IIDC staff in the newsletter we are profiling the National Coordinators. We are pleased to profile [Zorica Zivkovic](#), National Coordinator for Serbia, in this issue.

ISAAC Steering Committee 2009 and 2011 meetings

The 2009 meeting took place in Merida, Mexico on 27 & 28 November 2009 and was hosted by Dr Manuel Baeza-Bacab, the ISAAC National Coordinator for Mexico. Thank you again Manuel for your hospitality and for running an excellent ISAAC Steering Committee meeting.

The next ISAAC Steering Committee meeting is to be held in New Zealand in January 2011 on Waiheke Island near Auckland city , and a newsletter will be sent to you after this meeting to update you about ISAAC. The following day (27th January 2011) we are holding an ISAAC symposium to which you are invited; however you will need to self fund this trip to New Zealand and your expenses. You will find the invitation on our ISAAC website <http://isaac.auckland.ac.nz/news/news.php> where you can register to attend, and the invitation has been included in this newsletter on page 7.

As always, we encourage you to let us know of news worthy events that can be shared with our ISAAC Colleagues via the newsletter. Having these newsletters available from the ISAAC website ensures easy access for everyone.

At this stage we have limited funding for the completion of Phase Three analyses, publication and dissemination, with current funding running out 15th June 2011. We have two applications being considered for extending this funding– potentially to the end of 2012.

Thank you for your participation in and support of ISAAC.

Warmest wishes *Innes*

Professor Innes Asher ONZM

Congratulations to:

Dr Asha Perwani

ISAAC Principal Investigator for Phase Three Mumbai [18]

For achieving her Professional Diploma in Clinical Research

From the Catalyst Clinical Services Pvt. Ltd.119, State Bank Colony, G.T. Karnal Road, Delhi- 110 009 Ph: 9818356273, 27466248, 42384005 Email: info@catalystclinicalservices.com

“It was this learning (ISAAC) that prompted me to pass an online course for principal investigators”

Congratulations to:

Dr. T. U. Sukumaran

ISAAC Phases One and Three Principal Investigator for Kottayam

Dr Sukumaran been selected as the 2010 National President elect Indian Academy of Paediatrics (IAP)



Congratulations to:

Professor Neil Pearce
ISAAC Steering Committee

For his lifetime achievement award for services to occupational health for his research into workplace disease risks. Neil received the award at the annual Workplace Health and Safety Awards held in June 2010 in Auckland New Zealand, run by the publishers of health and safety magazine *Safeguard*. The award citation states that, under Professor Pearce's leadership, the committee identified the risks of respiratory disease and causal exposures in welders, farmers, mussel openers, hairdressers, asbestos workers, saw mill workers and plywood workers and recommended safety improvements

Courtesy of HRC News June 2010



Photo courtesy of ISAAC website

Congratulations to:

Professor Hywel Williams
ISAAC Steering Committee

Hywel has been appointed the new Chair of the National Institutes of Health Research (NIHR) Health Technology Assessment (HTA) Commissioning Board and Deputy Director of the HTA Programme.

<http://www.hta.ac.uk/news/newsitem121009.shtml>



28 July 2010
Professor Innes Asher
ISAAC International Data Centre
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Faculty of Medical and Health Sciences
The University of Auckland
Private Bag 92019, Auckland 1142
New Zealand



The International
Study of
Asthma and
Allergies in
Childhood

<http://isaac.auckland.ac.nz/>

ISAAC PHASE ONE Individual data release

Your Name (printed): _____

ISAAC Phase One Centre Name(s): _____

Please indicate whether you agree or not to presentation of the **ISAAC Phase One individual level data** from your centre on the ISAAC web site (<http://isaac.auckland.ac.nz>) by ticking the appropriate box:

I consent to presentation of ISAAC Phase One individual level data from my centre(s) on the ISAAC web site which will be password protected for the ISAAC Phase One collaborators for a period of 12 months from June 2010 until June 2011. The age of participants will be presented in months to ensure anonymity.

I do not consent to presentation of ISAAC Phase One individual level data from my centre(s) on the ISAAC web site.

Signature: _____ Date: _____

Email address: _____ Fax: _____

Please complete this form and fax it to +64 9 373 7602 by 30 September 2010.

THANKYOU

To: Eamon Ellwood
ISAAC International Data Centre
Department of Paediatrics: Child and Youth Health
Faculty of Medical and Health Sciences
University of Auckland
Private Bag 92019, Auckland 1142
Auckland 1142
New Zealand



<http://isaac.auckland.ac.nz/>

The **I**nternational
Study of
Asthma and
Allergies in
Childhood

ISAAC PHASE THREE summary data release

Your Name: _____

ISAAC Phase Three Centre Name(s): _____

Please indicate whether you agree to presentation of the **ISAAC Phase Three data** (see <http://isaac.auckland.ac.nz/phases/phasethree/results/results.php?cen=Auckland>) from your centre on the ISAAC web site (<http://isaac.auckland.ac.nz/>) by marking the appropriate box:

I consent to presentation of summarised ISAAC Phase Three data from my centre(s) on the ISAAC web site (as per the attached example).

I **DO NOT** consent to presentation of summarised ISAAC Phase Three data from my centre(s) on the ISAAC web site.

Signature: _____ Date: _____

Please complete this form and fax it to +64 9 373 7602 or email it to e.ellwood@auckland.ac.nz by 30th September 2010.

THANKYOU

Kind regards
Eamon Ellwood
ISAAC Webmaster
e.ellwood@auckland.ac.nz

ISAAC Profile

Zorica Zivkovic



ISAAC National Coordinator Serbia

I was born in Belgrade, Serbia, at that time one of the republics of Federal Republic of Yugoslavia. I graduated at Medical School University of Belgrade. My first appointment was Children's Hospital for Lung Diseases and Tuberculosis, Medical Center "Dr Dragisa Misovic", Belgrade, where I am still working as pediatric pulmonologist. In the meantime, I successfully passed my post-graduate studies, Master of Science 1991, Doctoral Thesis 1996. I was trained in general pediatric practice in my host city and in pediatric respiratory medicine in London, Paris, Frankfurt/Main, Budapest. My privilege was to spend my fellowship training in respiratory medicine in King's College with Prof. John Price, in Royal Brompton Hospital with Prof. Andrew Bush and in Great Ormond Street Hospital with Dr Robert Dinwiddie. Training in pediatric bronchoscopy I was granted by the European Respiratory Society Fellowship which I hopefully spent in Paris, Hospital Armand-Trousseau under the supervision of Prof. Anick Clement and Prof. Brigitte Fauroux.

My international professional activity started within European Respiratory Society in capacity of Chairman of the Scientific Group for Pediatric Asthma and Allergy (1999-2003), Member-at-Large, Executive and Advocacy Committee (2003-2006), Member of Long Range Planning Committee (Paediatric Assembly of the European Respiratory Section) and Liason Officer in European Pediatric Academy (2005-2008).

I was honoured to participate in national and international clinical research and studying in pediatric respiratory medicines such as: International study on prevalence of asthma and allergies in childhood-ISAAC Phase Three, Clinical Efficacy of Educational Intervention in Asthmatic Children and Their Parents, Task Force on Wheezing Illness in Preschool Children, Task Force on Primary Ciliary Dyskinesia. Working for ISAAC Phase Three Group was a challenging and demanding task but stimulation and motivation that my principal investigators and co-workers expressed in recruiting more than 14 thousands children and parents, was impressive. Results from our ISAAC Phase Three served as our national basis for epidemiology of asthma, allergic rhinitis and eczema in childhood.

From 2009. I took up a teaching post, Associated Professor in Pediatrics at US Medical School of European University. Besides all these jobs, posts and studies I feel complete and perfect with my family, husband (Professor in Orthopedic Surgery), son and daughter and dog, especially in our countryside house on the river Danube.



ISAAC 20 year Anniversary Symposium

Asthma, eczema, rhinitis and the environment

Auckland, New Zealand
Thursday 27 January 2011



John Hood Plaza, Owen Glenn Building

[Pdf Map](#) | [Flash Version](#)



[View Larger Map](#)

The International Study of Asthma and Allergies in Childhood (ISAAC) Steering Committee with The University of Auckland and Massey University is pleased to host an international symposium on asthma, eczema, rhinitis and the environment.

This full day symposium will be of interest to health professionals, related scientists and medical and health sciences students. It will be held at the Fisher and Paykel Auditorium, [Owen G Glenn Building](#), The University of Auckland.

Registration for the symposium will be open in September.

Provisional Topics

ISAAC The International Study of Asthma and Allergies in Childhood - what have we learned?

Genes, environment and gene-environment interactions

Beyond the hygiene hypothesis - farming, sibship size and gene-environment interactions

Why do asthma and allergic diseases vary in Latin America?

What is new for children with eczema?

The management of wheeze in pre-school children

Rhinitis in children - how important is it?

Maori children with asthma - how can we do better?

Asthma and Pacific children

Access to asthma drugs in resource poor countries

Does air pollution cause asthma?

Climate change and human health

Do helminth parasites help or hinder allergic disease?

Asthma management in adults - do guidelines matter?



Fisher and Paykel Auditorium



Owen Glenn Building, Grafton Road, Auckland, New Zealand

Confirmed Guest Speakers

Professor Innes Asher
- New Zealand



Professor Hywel Williams
- United Kingdom



Professor Nadia Ait-Khaled
- Africa



Professor Neil Pearce
- New Zealand



Professor Colin Robertson
- Australia



Professor Ross Anderson
- United Kingdom



Professor David Strachan
- United Kingdom



Professor Luis García-Marcos
- Spain



Dr Carsten Flohr
- United Kingdom



Professor Javier Mallol
- Chile



Dr Lis Ellison Loschman
- New Zealand



Professor Chris Lai
- Hong Kong



Professor Bert Brunekreef
- The Netherlands



Dr Sunia Foliaki
- Tonga



THE UNIVERSITY OF AUCKLAND
NEW ZEALAND

ISAAC Editorials

Edginton ME, O'Brien R, El Sony A, Roldan A, Srinath S, Members of the Ethics Advisory Group

International Union Against Tuberculosis and Lung Disease (The Union), Paris, France.

Informed Consent [Editorial]. IJTL 2010; 14(8):938.

In response to

Ellwood P, Asher MI, Stewart AW and the ISAAC Phase III Study Group. *The impact of the method of consent on response rates in the ISAAC time trends study*. Int J Tuberc Lung Dis 2010; 14: 1059–1065.

Partridge MR. *Has ISAAC told us as much as it can? Where now? [Editorial]* Thorax 2009; 64(6):462-463

In response to

Lai CKW, Beasley R, Crane J, Foliaki S, Shah J, Weiland S, and the ISAAC Phase Three Study Group. *Global variation in the prevalence and severity of asthma symptoms: Phase Three of the International Study of Asthma and Allergies in Childhood (ISAAC)*. Thorax 2009; 64: 476–483. Epub Feb 2009.

Enarson DA. *Fostering a spirit of critical thinking: the ISAAC story. [Comment. Editorial]*, Int J Tuberc Lung Dis 2005; 9(1): 1.

In response to

Ellwood P, Asher MI, Beasley R, Clayton TO, Stewart AW, and the ISAAC Steering Committee. *The International Study of Asthma and Allergies in Childhood (ISAAC): Phase Three rationale and methods*. Int J Tuberc Lung Dis 2005; 9(1): 10-6.

Lewis S. *ISAAC - a hypothesis generator for asthma? [Editorial]*. Lancet 1998; 351(9111): 1220-1221.

In response to

The International Study of Asthma and Allergies in Childhood (ISAAC) Steering Committee. *Worldwide variation in the prevalence of symptoms of asthma, allergic rhinoconjunctivitis, and atopic eczema: ISAAC*. Lancet 1998; 351(9111): 1225-32.

ISAAC at the American Thoracic Society (ATS) May 14-19 2010, New Orleans, USA

ISAAC was represented by Innes Asher, Philippa Ellwood and Colin Robertson at the ATS International conference in New Orleans. Professor Asher was invited as a key note speaker and gave a presentation on 'Asthma Disparities: a Global View'. Poster sessions were given by Philippa Ellwood on 'The Effect Of Diet On Symptom Prevalence Of Asthma, Rhinitis And Eczema In Children: Global Findings From The International Study Of Asthma And Allergies In Childhood (ISAAC) Phase Three' and Colin Robertson on 'Asthma And Migration: Unmasking Asthma Potential. The International Study Of Asthma And Allergy In Childhood (ISAAC) Phase Three'.



Innes is pictured here before her key note speech with Professor Yu-Zhi Chen (ISAAC National Coordinator for China), Professor Josef Anto (friend of ISAAC from Spain) and Isabelle Romiu (ISAAC Phases One and Three Principal Investigator for Cuernavaca, Mexico).

ISAAC Collaborators Reception at the ATS 17th May 2010

The **ISAAC Collaborators Reception** was also held at this event and Innes, Philippa and Colin were joined by ISAAC collaborators Donna Rennie (Saskatoon, Canada), and Malcolm Sears (Hamilton, Canada), for a light lunch (New Orleans style) and catch up. Other ISAAC collaborators attending the ATS but unable to join the group were Yu-Zhi Chen (Beijing, China), Greg Redding (Seattle, USA) and Isabelle Romieu (Cuernavaca, Mexico). Also joining them was Josef Anto (Spain).



The ISAAC website is intended to be a resource for you, the collaborators. As such the focus of the development is towards the publications section, and Phase Four (see later in this report), which is the resources section of the ISAAC website.

ISAAC Publications

We are continually updating the publications database with new ISAAC papers as they are published or located, and continuing to search for full text articles (see below). Currently we have 482 journal articles in the database (as well as various manuals and other publications) and full text access for 335 of these. All other articles are linked to the abstract on the journals website (where the journal has a website).

We have had some success in locating missing pdf files of ISAAC articles. However we have also had success finding new publications. The net result is that we still have permission to display 6 articles that we are unable to locate pdf files for. If you are able to assist in locating these (listed below), please contact me (e.ellwood@auckland.ac.nz).

Chereches-Panta P, Popa M, Iacob D, Muresan M, Dumitrascu D, Ichim G, Mirestean I, Nanulescu MV. *Prevalence of bronchial asthma in 7 years -old children in Cluj-Napoca, an ISAAC study. [Romanian].* Pneumologia. 2003 Apr-Jun;52(2):134-40.

Cherecheş-Panţa P, Popa MD, Iacob D, Mureşan M, Man SC, Farcău M, Indolean C, Ichim GE, Mireştean I, David L, Nanulescu MV. *Increase of the prevalence of bronchial asthma and related symptoms in students in Cluj-Napoca. Epidemiologic study with a five-years interval [Romanian].* Pneumologia. 2004 Jan-Mar;53(1):47-52.

Charpin D, Penard-Morand C, Raheison C, Kopferschmitt C, Lavaud F, Caillaud D, Annesi-Maesano I. Long-term exposure to urban air pollution measured through a dispersion model and the risk of asthma and allergy in children. *Bull Acad Natl Med* 2009; 193(6): 1317-1328

Masjedi MR, Fadaizadeh L, Najafzadeh K, Dokouhaki P. A Study of the Prevalence and Severity of Rhinitis in Children in Tehran: ISAAC Study. *Journal of Isfahan Medical School (I.U.M.S)* Spring 2005; 23(76):36-41.

Fadaizadeh L, Keyvan S, Najafzadeh K, Masjedi MR. Evaluation of Agreement between Video and Written Questionnaires for Asthma Symptoms Among Children of Tehran: ISAAC Study. *Journal of Shahid Sadoughi University of Medical Sciences and Health Services*, summer 2008; 16(2):36-43.

Moghadam M, Jou S. Prevalence of Asthma Symptoms among 13-14 years old Children in Birjand. *TABIB-E-SHARGH* Fall 2004; 6(3):183-192.

Our aim is for the ISAAC publications database to be the definitive record of articles produced by ISAAC collaborators including articles from centres published in local journals.

However, being based in New Zealand means that we can only find journals that are indexed by large journal services such as Medline. If you have published articles in local journals that are not indexed by these services, could you please check to see if your article is on the ISAAC website (the easiest way to do this is an author search publications search page), and if not, please send it to me. (e.ellwood@auckland.ac.nz)

Also, when you publish a new article could you please send me the details, and preferably a pdf of the article itself. While it is always a pleasant surprise when I am searching a journal and discover a newly published ISAAC article, perhaps a more organised approach would be beneficial. If you have recently published an article could you please check to see that it is on the ISAAC website and if not please contact me.

As always, we encourage you to make use of the publications facility (<http://isaac.auckland.ac.nz/publications/publicationsintro.html>) Please check to see that your articles have been included. If not please contact me at e.ellwood@auckland.ac.nz.

ISAAC Resources

The Phase Four page (<http://isaac.auckland.ac.nz/phases/phasefour/phasefour.html>) has now been merged with our new 'Resources' section (<http://isaac.auckland.ac.nz/resources/resources.php>). This still includes the comprehensive list of management guidelines from many countries and in many languages but now also includes an 'ISAAC Tools' section with a collection of manuals and questionnaires for ease of use, and a 'General Resources' section with useful links and other resources. This is a useful site for accessing clinical information about a range of things and linking in to the appropriate website. We encourage to navigate around the resources section.

The old Phase Four link still works, but will take you to the new resources page, which can now also be accessed from the main home page. Please visit the page (<http://isaac.auckland.ac.nz/resources/resources.php>) and let me know of any suggestions for improvement.

We aim for the Phase Four/Resources page to have a wide range of useful resources, so if you have any information that could be added to the website such as useful links to good research/resource sites, asthma information sites open journal sites etc, management recommendations or entry level 'information pages' about asthma, eczema and rhinitis, please forward them to me. (e.ellwood@auckland.ac.nz)

We still wish to increase the management guidelines on the website. It is important that these guidelines are NOT sponsored by the pharmaceutical industry. If you know of any such guideline, we would like to hear from you and receive the link or a pdf of the guideline, with permission to use it.

Phase One Individual Data page

In 2002 we requested permission from you to present your ISAAC Phase One centre summary data on the ISAAC website (<http://isaac.auckland.ac.nz/phases/phaseone/results/results.html>). More recently some funding bodies are now expecting researchers to have their full research data sets publicly available (see attached Editorial). Although the ISAAC Steering Committee agree with this development, they wish it to be done as a staged process to facilitate use of the Phase One data set by the Phase One collaborators. We therefore propose to place the ISAAC Phase One individual level data on the website which will be password protected for the ISAAC Phase One collaborators for 1 year. After this period of time it will be made available to the wider research community. To ensure complete anonymity of the dataset we intend to provide the age of each participant in months, rather than the full date of birth (days/months/years).

In February we started to request permission from Principal Investigators to display the individual level Phase One Data. We have now received a response from 121 centres. Passwords to access this data has now been sent to these Principal investigators. If you have not received your password, please fill out the Phase One permission form on page 4 of this news letter and return it to me at e.ellwood@auckland.ac.nz.

Phase Three Results page

In 2002 The Phase One Results page was added to the ISAAC website (<http://isaac.auckland.ac.nz/phases/phaseone/results/results.html>). We are now proud to announce the arrival of the Phase Three Results page (<http://isaac.auckland.ac.nz/phases/phasethree/results/results.php>). This includes the summary centre level results as well as selected information about the study centre. Please view the [Auckland centre](#) for an example.

Principal Investigators, we need your permission to display your centre's data on this page. Currently we have received permission from 124 centres. If you have not already done so, please fill out the permission form on page 5 of this newsletter and return it to me at e.ellwood@auckland.ac.nz.

ISAAC News

We are always looking for noteworthy information to go on our news and announcements page. This is intended to keep the ISAAC community up to date with what is happening in the ISAAC study more frequently than the bi-annual newsletter. If you have any noteworthy events or announcements, please let me know and I will add them to the webpage.

The ISAAC website is designed to be a resource for you. If you have any ideas or suggestions for improvements or new items you would like to see added, please contact me at e.ellwood@auckland.ac.nz. Your feedback is welcomed and appreciated.

The ISAAC Story

Work is progressing on the ISAAC Story (formerly known as 'The ISAAC Monograph'). The menu for the Story has been approved by the Steering Committee and form the structure of the ISAAC Story (see below). We are currently working on a format for the individual centre pages and producing a template using the Auckland centre as an example. When this is completed it will be circulated for comment then we will be asking the centres to start working on their pages. In the meantime the IIDC and the Steering Committee will be working on the other items that appear on the menu below.

This will be an opportunity for the ISAAC collaborators who are not Principal Investigators to be properly acknowledged. We wish to include photographs, and anecdotes from fieldwork and other matters of interest from behind-the-scenes. It is time to dust off those old boxes of ISAAC records!

To ensure a comprehensive document we need to have up to date contact details for all the ISAAC collaborators. If you know of any collaborators whose emails have changed, particularly those listed below, please send these to Eamon Ellwood (e.ellwood@auckland.ac.nz).

Dr Tamara Aripova (Samarkand, Tashkent, Uzbekistan)
Professor Abedelkrim Bennis (Rabat, Morocco)
Dr Mao Bao-Shan (Shanghai, China)
Dr Marco Biocca (Emilia-Romagna, Italy)
Dr Turku Antti Koivikko (Turku and Pori County, Finland)
Professor Putu Konthen (Bali, Indonesia)
Dr Keng Hwang Teh (Alor Setah, Malaysia)
Dr Lim Wee Yeong (Ipoh, Malaysia)

Your help is greatly appreciated!

Kind regards
Eamon Ellwood
ISAAC Webmaster
e.ellwood@auckland.ac.nz

The ISAAC Story - Menu

Section A Story – Steering Committee to create content	Section B: Findings - Data centres to create content	Section C: Impacts – RC, NC and Collaborators to create	Appendices (IIDC)
<p>main/Introduction</p> <p>Welcome to the ISAAC Story - Editors introduction</p> <p>Acknowledgements</p> <p>Contributors</p> <p>Tribute to Stephen Weiland</p>	<p>Background</p> <p>Background to the ISAAC Programme</p> <p>ISAAC Hypotheses and aims</p> <p>Organisation of ISAAC</p> <p>ISAAC Steering Committee, Executive and Chair</p> <p>ISAAC International Data Centre (IIDC) Phase One & Three</p> <p>ISAAC International Data Centre Phase Two</p> <p>Communications within ISAAC</p> <p>Reminiscences of ISAAC Steering Committee</p> <p>ISAAC Diary</p> <p>(What happened when)</p>	<p>Results</p> <p>Global Findings:</p> <p>Phase One</p> <p>Phase Two</p> <p>Phase Three</p> <p>Preparation of Manuscripts and Presentations</p> <p>Making Graphics for ISAAC</p> <p>Impact of ISAAC globally</p> <p>Interpretation of Global findings</p> <p>National</p> <p>Brief geographical/physical description with photo</p> <p>List of Centres/Pls (hyperlink)</p> <p>List of publications at National level (if more than one centre)</p> <p>Reminiscences/thoughts/experiences of participating in ISAAC.</p> <p>Impact of ISAAC in the country</p> <p>National Findings (if more than one centre)</p>	<p>ISAAC Maps</p> <p>Centres</p> <p>Publications</p> <p>Index</p> <p>Gallery</p> <p>Glossary Abbreviations and Nicknames</p> <p>Regional</p> <p>Brief geographical/physical description with photo</p> <p>List of Countries/National Coordinators (hyperlink)</p> <p>List of Regional publications</p> <p>Reminiscences/thoughts/experiences of participating in ISAAC.</p> <p>Impact of ISAAC in the region</p> <p>Regional Findings</p> <p>Local Centres</p> <p>Brief geographical/physical description with photo</p> <p>List of personnel with affiliations – photos could be included if desired</p> <p>List of publications that have used data from the centre – a full list from global right down to local publications of each centres data.</p> <p>Reminiscences/thoughts/experiences of participating in ISAAC.</p> <p>Impact of ISAAC in the area</p> <p>Local Findings</p>

ISAAC Publications of worldwide analyses (updated August 2010)

ISAAC Phase One Publications (worldwide)

1.0 Preliminary Papers

- 1.1 ISAAC Phase One Manual. 2nd ed. Auckland and Münster: ISAAC Steering Committee, 1993.
- 1.2 Pearce N, Weiland S, Keil U, Langridge P, Anderson HR, Strachan D, Bauman A, Young L, Gluyas P, Ruffin D, Crane J, Beasley R. Self-reported prevalence of asthma symptoms in children in Australia, England, Germany and New Zealand: an international comparison using the ISAAC protocol. *Eur Respir J* 1993; 6: 1455-61. [253 citations]
- 1.3 Asher MI, Keil U, Anderson HR, Beasley R, Crane J, Martinez F, Mitchell EA, Pearce N, Sibbald B, Stewart AW, Strachan D, Weiland SK, Williams HC. International study of asthma and allergies in childhood (ISAAC): rationale and methods. *Eur Respir J* 1995; 8: 483-91. [981 citations]

2.0 Main Findings

- 2.1 Strachan D, Sibbald B, Weiland S, Ait-Khaled N, Anabwani G, Anderson HR, Asher MI, Beasley R, Björkstén B, Burr M, Clayton T, Crane J, Ellwood P, Keil U, Lai C, Mallol J, Martinez F, Mitchell E, Montefort S, Pearce N, Robertson C, Shah J, Stewart A, von Mutius E, Williams H. Worldwide Variations in prevalence of symptoms of allergic rhinoconjunctivitis in children: the International Study of Asthma and Allergies in Childhood (ISAAC). *Pediatr Allergy Immunol* 1997; 8(4): 161-76. [243 citations]
- 2.2 The International Study of Asthma and Allergies in Childhood (ISAAC) Steering Committee. Worldwide variation in the prevalence of symptoms of asthma, allergic rhinoconjunctivitis, and atopic eczema: ISAAC. *The Lancet* 1998; 351(9111): 1225-32. [1633 citations]
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- 3.5 von Mutius E. Epidemiology of asthma: ISAAC--International Study of Asthma and Allergies in Childhood. *Pediatr Allergy Immunol* 1996; 7(9 Suppl): 54-6. [5 citations]

4.0 Ecological Analyses

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- 4.3 Burr ML, Emberlin JC, Treu R, Cheng S, Pearce NE and the ISAAC Phase One Study Group. Pollen counts in relation to the prevalence of allergic rhinoconjunctivitis, asthma and atopic eczema in the International Study of Asthma and Allergies in Childhood (ISAAC). *Clin Exp Allergy* 2003; 33(12): 1675-80. [31 citations]
 - 4.4 Ellwood P, Asher MI, Björkstén B, Burr M, Pearce N, Robertson CF, and the ISAAC Phase One Study Group. Diet and asthma, allergic rhinoconjunctivitis and atopic eczema symptom prevalence: An ecological analysis of the International Study of Asthma and Allergies in Childhood (ISAAC) data. *Eur Respir J* 2001; 17(3): 436-443. [80 citations]
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 - 4.6 Mitchell EA, Stewart AW, on behalf of the ISAAC Phase One Study Group. The ecological relationship of tobacco smoking to the prevalence of symptoms of asthma and other atopic diseases in children: The International Study of Asthma and Allergies in Childhood (ISAAC). *Eur J Epidemiol* 2001; 17(7): 667-73. [18 citations]
 - 4.7 Shirtcliffe P, Weatherall M, Beasley R on behalf of the ISAAC Phase One Study Group. An inverse correlation between estimated tuberculosis notification rates and asthma symptoms. *Respirology* 2002; 7(2): 153-5. [17 citations]
 - 4.8 Stewart AW, Mitchell EA, Pearce N, Strachan DP, Weiland SK on behalf of the ISAAC Steering Committee. The relationship of per capita gross national product to the prevalence of symptoms of asthma and other atopic diseases in children (ISAAC). *Int J Epidemiol* 2001; 30: 173-9. [57 citations]
 - 4.9 von Mutius E, Pearce N, Beasley R, Cheng S, von Ehrenstein O, Björkstén B, Weiland S, on behalf of the ISAAC Steering Committee. International patterns of tuberculosis and the prevalence of symptoms of asthma, rhinitis and eczema. *Thorax* 2000; 55(6): 449-453. [110 citations]
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 - 4.13 Asher MI, Stewart AW, Mallol J, Montefort M, Lai CKW, Ait-Khaled N, Odhiambo J, and the ISAAC Phase One Study Group. Which population level environmental factors are associated with asthma, rhinoconjunctivitis and eczema? A review of the ecological analyses of ISAAC Phase One. *Respiratory Research*. 2010; 11(8)

5.0 Other Papers

- 5.1 Crane J, Mallol J, Beasley R, Stewart A, Asher MI, on behalf of the International Study of Asthma and Allergies in Childhood (ISAAC) Phase I study group. Agreement between written and video questions for comparing asthma symptoms in ISAAC. *Eur Respir J* 2003; 21(3): 455-61. [39 citations]
- 5.2 Pearce N, Sunyer J, Cheng S, Chinn S, Björkstén B, Burr M, Keil U, Anderson HR, Burney P, on behalf of the ISAAC Steering Committee and the European Community Respiratory Health Survey. Comparison of asthma prevalence in the ISAAC and the ECRHS. *Eur Respir J* 2000; 16(3): 420-6. [79 citations]

ISAAC Phase Two Publications (worldwide)

1.0 Preliminary Papers

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- 1.2 von Mutius E, Weiland SK, Keil U, ISAAC Steering Committee. The International Study of Asthma and Allergies in Childhood (ISAAC): study design and methods of Phase II. *Allergologie* 1999; 22(5):283-288 [1 citation]
- 1.3 Weiland SK, von Mutius E, Keil U, Isaac Steering Comm. The International Study of Asthma and Allergies in Childhood (ISAAC): rational methods and outlook. *Allergologie* 1999; 22(5):275-282 [3 citations]
- 1.4 Weiland SK, Björkstén B, Brunekreef B, Cookson WO, von Mutius E, Strachan DP and the International Study of Asthma and Allergies in Childhood Phase II Study Group. Phase II of the International Study of Asthma and Allergies in Childhood (ISAAC II): rationale and methods. *Eur Resp J* 2004; 24(3): 406-12. [91 citations]

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- 2.2 Flohr C, Weiland SK, Weinmayr G, Björkstén B, Bråbäck L, Brunekreef B, Büchele G, Clausen M, Cookson WOC, von Mutius E, Strachan DP, Williams HC, and the ISAAC Phase Two Study Group. The role of atopic sensitization in flexural eczema: Findings from the International Study of Asthma and Allergies in Childhood Phase Two. *J Allergy Clin Immunol* 2008; 121(1): 141-7. [17 citations]
- 2.3 Weinmayr G, Forastiere F, Weiland SK, Rzehak P, Abramidze T, Annesi-Maesano I, Björkstén B, Brunekreef B, Büchele G, Cookson WO, von Mutius E, Pistelli R, Strachan DP; the ISAAC Phase Two Study Group*. International variation in prevalence of rhinitis and its relation with sensitization to perennial and seasonal allergens. *Eur Respir J* 2008; 32: 1250–1261 [9 citations]
- 2.4 Gehring U, Strikwold M, Schram-Bijkerk D, Weinmayr G, Genuneit J, Nagel G, Wickens K, Siebers R, Crane J, Doekes G, Di Domenicantonio R, Nilsson L, Priftanji A, Sandin A, El-Sharif N, Strachan D, van Hage M, von Mutius E, Brunekreef B, and the ISAAC Phase Two Study Group. Asthma and allergic symptoms in relation to house dust endotoxin: Phase Two of the International Study on Asthma and Allergies in Childhood (ISAAC II). *Clin Exp Allergy* 2008; 38: 1911–1920 [7 citations]
- 2.5 Flohr C, Weinmayr G, Weiland SK (deceased), Addo-Yobo E, Annesi-Maesano I, Björkstén B, Bråbäck L, Büchele G, Chico M, Cooper P, Clausen M, El-Sharif N, Martínez Gimeno M, Mathur RS, von Mutius E, Morales Suárez-Varela MM, Pearce N, Svabe V, Wong GWK, Yu M, Zhong NS, Williams HC. How well do questionnaires perform compared with physical examination in detecting flexural eczema? Findings from the International Study of Asthma and Allergies in Childhood (ISAAC) Phase Two. *Br J Dermatol* 2009; 161(4): 846-853.
- 2.6 Nagel G, Büchele G, Weinmayr G, Björkstén B, Chen Y-Z, Wang H, Nystad W, Saraçlar Y, Bråbäck L, Batllés-Garrido J, García-Hernández G, Weiland SK, the ISAAC Phase Two Study Group. Effect of Breastfeeding on Asthma, Lung function, and Bronchial Hyperreactivity in ISAAC-Phase-Two. *Eur Resp J*. 2009; 33: 993–1002; Epub 2009 Jan22. [4 citations]
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ISAAC Phase Three Publications (worldwide)

1.0 Preliminary Papers

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- 1.2 Ellwood P, Asher MI, Beasley R, Clayton TO, Stewart AW and the ISAAC Steering Committee. The International Study of Asthma and Allergies in Childhood (ISAAC): Phase Three rationale and methods. *Int J Tuberc Lung Dis* 2005; 9(1): 10-6. [69 citations].

2 Main Findings

- 2.1 Asher MI, Montefort S, Björkstén B, Lai CKW, Strachan DP, Weiland SK, Williams H, and the ISAAC Phase Three Study Group. Worldwide time trends in the prevalence of symptoms of asthma, allergic rhinoconjunctivitis, and eczema in childhood: ISAAC Phases One and Three repeat multicountry cross-sectional surveys. *The Lancet* 2006; 368(9537): 733-743. [402 citations]
- 2.2 Pearce N, Ait-Khaled N, Beasley R, Mallol J, Keil U, Mitchell E, Robertson C, and the ISAAC Phase Three Study Group. Worldwide trends in the prevalence of asthma symptoms: phase III of the International Study of Asthma and Allergies in Childhood (ISAAC). *Thorax* 2007; 62(9): 758-66. [93 citations]
- 2.3 Björkstén B, Clayton T, Ellwood P, Stewart A, Strachan D, and the ISAAC Phase Three Study Group. Worldwide time trends for symptoms of rhinitis and conjunctivitis: Phase III of the International Study of Asthma and Allergies in Childhood. *Pediatr Allergy Immunol* 2008; 19(2): 110-24. [24 citations]
- 2.4 Williams H, Stewart A, von Mutius E, Cookson B, Anderson HR and the International Study of Asthma and Allergies in Childhood (ISAAC) Phase One and Three Study groups. Is eczema really on the increase worldwide? *J Allergy Clin Immunol* 2008; 121(4): 947-54. [15 citations]
- 2.5 Ait-Khaled N, Pearce N, Anderson HR, Ellwood P, Montefort S, Shah J, and the ISAAC Phase Three Study Group. Global map of the prevalence of symptoms of rhinoconjunctivitis in children: The International Study of Asthma and Allergies in Childhood (ISAAC) Phase Three. *Allergy* 2009; 64: 123–148 [9 citations]
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3 Environmental Questionnaire Analyses

- 3.1 Beasley R, Clayton T, Crane J, von Mutius E, Lai CKW, Montefort S, Stewart A, for the ISAAC Phase Three Study Group. Association between paracetamol use in infancy and childhood, and risk of asthma, rhinoconjunctivitis, and eczema in children aged 6-7 years: analysis from Phase Three of the ISAAC programme. *Lancet* 2008; 372(9643): 1039-48. [39 citations]
- 3.2 Brunekreef B, Stewart AW, Anderson HR, Lai CKW, Pearce NE, and the Phase Three Study Group. Self Reported Truck Traffic on the Street of Residence and Symptoms of Asthma and Allergic Disease: A Global Relationship in ISAAC Phase Three. *Environ Health Perspect* 2009; 117(11): 1791-98. [4 citations]
- 3.3 Foliaki S, Pearce N, Björkstén B, Mallol J, Montefort S, von Mutius E and the ISAAC Phase Three Study Group. Antibiotic use in infancy and risk of symptoms of asthma, rhinoconjunctivitis and eczema in 6 to 7 year old children: ISAAC Phase Three. *J Allergy Clin Immunol* 2009;124(5):982-

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4 Other papers

- 4.1 Ellwood P, Williams H, Ait-Khaled N, Björkstén B, Robertson C, and the ISAAC Phase III Study Group. Translation of questions: The International Study of Asthma and Allergies in Childhood (ISAAC) experience. *Int J Tuberc Lung Dis.* September 2009; 13(9): 1174-1182 [4 citations]
- 4.2 Ellwood P, Asher MI, Stewart AW and the ISAAC Phase III Study Group. The impact of the method of consent on response rates in the ISAAC time trends study. *Int J Tuberc Lung Dis.* 2010 Aug;14(8):1059-65.

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